

EXPENDITURE
BUDGET
2022 - 2023

VOL. 6

**QUÉBEC
INFRASTRUCTURE PLAN**

2022 - 2032

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The masculine gender is used throughout this document solely to make the text easier to read and therefore applies to both men and women.

2022-2032 Québec Infrastructure Plan

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MESSAGE FROM THE MINISTER RESPONSIBLE FOR GOVERNMENT ADMINISTRATION AND CHAIR OF THE CONSEIL DU TRÉSOR

The Gouvernement du Québec's 2022-2032 QIP stands at \$142.5 billion, an increase of \$7.5 billion over the previous plan. This increase follows those of the previous three years. In four years, our government has increased the QIP from \$100.4 billion to \$142.5 billion. Of this amount, \$75.6 billion will be spent on asset maintenance. This clearly demonstrates the importance the government places on keeping the infrastructure in good condition and their development.

The health sector remains a priority. The last two years have proven the importance of properly supporting our health network infrastructure. Our government is committed more than ever to providing Quebecers with access to modern establishments that offer quality health and social services and to ensuring that our seniors and other adults requiring long-term care have an appropriate environment.

Education and higher education are also at the top of our priorities. Investments are planned for additional classrooms and school renovations, as well as to expand and renovate our institutions of higher education – CEGEPs and universities – to ensure that Québec's youth have the facilities they need to learn and achieve, equipping them with the tools to choose the right career.

To ensure that the road network is not only maintained in good condition, but expanded as well, significant investments are allocated. 76% of the investments in the road network is devoted to maintaining it in good condition. Furthermore, to support citizen mobility, increase traffic flow and electrify public transit, investments in public transit will remain at record levels compared to those of previous governments.

Our government continues to listen to the priorities of the public. With health, education, higher education and transportation at the top of the list, it is making the right choices! Last year, in the midst of the pandemic, when many governments around the world were opting for frugality, we chose instead to reinvest and stimulate recovery by accelerating infrastructure investments to stimulate economic growth. We are continuing in this vein this year. Our sound management of public finances allows us to make these choices and look to the future with confidence!

Minister Responsible for Government Administration
and Chair of the Conseil du trésor

Sonia LeBel

Québec Infrastructure Plan 2022-2032

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Terms used in this document

ADDITION

Acquisition or construction of new infrastructure.

IMPROVEMENT

Increase in the service potential of existing infrastructure.

INVENTORY ENHANCEMENT

Increase of the government service offer by adding new infrastructure or improving existing infrastructure.

ASSET MAINTENANCE DEFICIT

Value of the work required to restore the physical condition of infrastructure to satisfactory or better (government condition indicator of A, B or C) for the health and safety of individuals, and to ensure its continued use for its intended purposes and reduce the likelihood of breakdown or to counteract physical wear and tear.

DISPOSITION

Alienation of a building, civil engineering structure or equipment by sale, transfer or disposal.

MAINTENANCE

Work of limited scope normally performed as part of an infrastructure's daily use. Asset maintenance does not include maintenance work.

SECTOR ENVELOPE

Envelope, under the responsibility of a government department or agency, to provide the required government financial contribution to implement prioritized and authorized projects.

CENTRAL ENVELOPE

Envelope providing funding that will be required to implement the projects that have been selected and prioritized by the government among those studied. Transfer to the sectors requires a Cabinet decision.

SURPLUS BUILDING

Building owned by a public body for which no use, for the purpose of providing a government service, is planned.

INFRASTRUCTURE

Building, equipment or civil engineering structure that is part of the government's service offering.

PLANNED INVESTMENT

Value of the financial contribution from the Gouvernement du Québec for a public infrastructure investment listed in the Québec Infrastructure Plan.

PROBABLE INVESTMENT

Forecast of the total cost of an investment for the government fiscal year that is ending.

ACTUAL INVESTMENT

Actual total cost of an investment for a government fiscal year that ended.

ASSET MAINTENANCE

Value of the work required to keep an infrastructure in satisfactory or better condition with the aim of protecting the health and safety of individuals, ensuring its continued use for its intended purposes, and reducing the likelihood of breakdown, or counteracting physical wear and tear.

INFRASTRUCTURE MAINTENANCE

Promote infrastructure sustainability by maintaining assets and addressing the asset maintenance deficit, as well replacing equipment and reconstructing buildings or civil engineering structures.

ADDRESSING THE ASSET MAINTENANCE DEFICIT

Investments (projects and portfolio maintenance envelopes) allocated in the Québec Infrastructure Plan specifically identified to decrease the listed infrastructure asset maintenance deficit that is presented in the Annual Management Plan for Public Infrastructure Investments.

MAJOR PROJECT

Public infrastructure project subject to the *Directive sur la gestion des projets majeurs d'infrastructure publique* because its estimated cost is equal to or exceeds \$50.0 million, or \$100.0 million in the case of road infrastructure or public transit infrastructure projects. The Conseil du trésor can decide to consider any infrastructure project to be major if it deems appropriate.

REPLACEMENT

Acquisition, construction or reconstruction of an infrastructure to replace an existing infrastructure that is usually at the end of its useful life, so as to ensure continuity in service delivery.

REPLACEMENT VALUE

Total investment required to build or acquire an infrastructure of the same dimensions and utility, with equivalent technical features, based on the construction techniques, building codes and materials or technical specifications in effect at the time of the estimate.

USEFUL LIFE (duration)

Period over which an infrastructure or component should serve its intended purposes.

Acronyms

AMP	Autorité des marchés publics
ARQ	Revenu Québec
ARTM	Autorité régionale de transport métropolitain
CDPQ Infra	Caisse de dépôt et placement du Québec
CERIU	Centre d'expertise et de recherche en infrastructures urbaines
CHSLD	Residential and long-term care centres
CISSS	Integrated health and social services centre
CLSC	Local community service centre
Directive	Directive sur la gestion des projets majeurs d'infrastructure publique
AMD	Asset maintenance deficit
DA	Business case
DO	Opportunity case
IBA	Integrated Bilateral Agreement
DMAF	Disaster Mitigation and Adaptation Fund
FORT	Land Transportation Network Fund
FRISSSS	Health and Social Services Information Resources Fund
GHG	Greenhouse gas
GCI	Government Condition Indicator
ITQ	Infrastructures technologiques Québec
LACPI	<i>Act respecting the acceleration of certain infrastructure projects</i>
PIA	<i>Public infrastructure act</i>
MACM	Musée d'art contemporain de Montréal
MAMH	Ministère des Affaires municipales et de l'Habitation
MCC	Ministère de la Culture et des Communications
MCN	Ministère de la Cybersécurité et du Numérique
MEI	Ministère de l'Économie et de l'Innovation
MELCC	Ministère de l'Environnement et de la Lutte contre les changements climatiques
MEQ	Ministère de l'Éducation
MES	Ministère de l'Enseignement supérieur
MNBAQ	Musée national des beaux-arts du Québec
DB	Departments and bodies
MSP	Ministère de la Sécurité publique
MSSS	Ministère de la Santé et des Services sociaux
MTESS	Ministère du Travail, de l'Emploi et de la Solidarité sociale
MTQ	Ministère des Transports

MV	Motor vessel
AMPI	Annual Management Plans for Public Infrastructure Investments
PGE	Plan for a Green Economy
GDP	Gross Domestic Product
QIP	Québec Infrastructure Plan
PRIMEAU	Programme d'infrastructures municipales d'eau
RAMQ	Régie de l'assurance maladie du Québec
RÉCIM	Réfection et construction des infrastructures municipales
REM	Réseau express métropolitain
RSSCE	Réseau stratégique en soutien au commerce extérieur
HSSN	Health and Social Services Network
RTC	Réseau de transport de la Capitale
RTL	Réseau de transport de Longueuil
SCT	Secrétariat du Conseil du trésor
SEAO	Gouvernement du Québec electronic tendering system
SHQ	Société d'habitation du Québec
SQI	Société québécoise des infrastructures
STL	Société de transport de Laval
STLévis	Société de transport de Lévis
STM	Société de transport de Montréal
STO	Société de transport de l'Outaouais
STQ	Société des traversiers du Québec
TECQ	Programs for the Gasoline Tax and for the Québec Contribution
UBS	Use of bus bypass shoulder

Introduction

To support the implementation of priority projects, the Government has set the 2022-2032 QIP to \$142.5 billion, an increase of \$7.5 billion compared with the previous plan. This fourth successive increase since the 2018-2028 QIP raised the 10-year investment forecast from \$100.4 billion in March 2018 to \$142.5 billion in March 2022.

The 2022-2032 QIP, which outlines the government's planned public infrastructure investments for the next 10 years, will sustain the government's efforts to fulfil its commitments.

These commitments are at the heart of the government's action, whether in Health and Social services with the addition of new seniors' residences and reconstruction of outdated CHSLDs in keeping with the seniors' residence concept, or the expansion and redevelopment of hospitals; in Education, with the addition of new classrooms in several regions of Québec, according to a new vision and architectural signature; in Higher Education, with the expansion and renovation of CEGEPs and universities; in the Road network, with the restoration and development; in Public transit, with the improvement in mobility and the electrification of transportation means; in Information resources, with the numerical transformation of the government; in Government Administration, in Culture, in Educational Childcare services and in Social and Community housing.

The Government is continuing to accelerate the infrastructure investments required to ensure projects initiated throughout Québec under the 2021-2031 QIP are continued, particularly those under the *Act respecting the acceleration of certain infrastructure projects*. Thus, \$80.0 billion, or 56% of the total investments planned in the 2022-2032 QIP, will be invested in the next five years, which will increase Québec's economic potential and its regions.

- Section A of the Plan presents the allocation of funds available for new investments, and the effect of the planned QIP investments on infrastructure sustainability.
- Section B is comprised primarily of general and sector tables for the Plan investments, a list of projects of \$20.0 million or more, and investment strategies. It also includes accountability on investments made in 2020-2021, probable investments for 2021-2022 and information about past QIPs.
- Section C presents a summary of the 2022-2023 AMPIs prepared by the main departments and bodies. These plans, which are published on the Web¹, allow the public infrastructure condition and AMDs to be tracked.

¹ SECRÉTARIAT DU CONSEIL DU TRÉSOR, Publications, [online:<https://www.tresor.gouv.qc.ca/en/public-infrastructures/publications/>]

Highlights

❑ Investments of \$142.5 billion over the 2022-2032 period, including \$80 billion in the first five years

- An increase of \$7.5 billion from the 2021-2031 QIP, the fourth since the 2018-2028 QIP, from \$100.4 billion in March 2018 to \$142.5 billion in March 2022;
- Most investments are allocated to infrastructure maintenance (59% or \$75.6 billion, excluding the central envelope) to ensure the sustainability of public infrastructure, much of which are aging, and to increase the proportion of public body infrastructure in good condition from 60% to 65% by March 2032. Continuing the strategy of gradually increasing investments in infrastructure maintenance over the next ten QIPs would increase this proportion from 65% to 78% by March 2032.
- 56% of the 2022-2032 QIP investments, or \$80 billion, are planned in the next five years.

❑ Allocation of new availability to support highest priority projects, including:

- An amount of \$2.8 billion to reconstruct outdated CHSLDs and turn them into seniors' residences, as well as for the expansion and redevelopment of hospitals;
- An amount of \$1.2 billion to carry out and complete projects to add classrooms in several regions of Québec;
- An amount of \$787.0 million for CEGEP and university restoration and expansion projects;
- An amount of \$4.4 billion invested to develop the road network and ensure it is maintained in good condition;
- An amount of \$2.1 billion for mobility improvements and public transit electrification. Advance payments of \$1.1 billion in financial assistance were also made in 2021-2022 to support infrastructure work on the Montréal Métro;
- An amount of \$836.0 million for information resources to accelerate the Government's digital transformation;
- An amount of \$633.0 million for government administration infrastructure, most notably to implement the workplace transformation initiative;
- An amount of \$160.0 million for early learning and child care infrastructure projects, most notably within the context of achieving the goal to create 37,000 subsidized childcare spaces by March 2025;
- An amount of \$152.3 million is dedicated to social and affordable housing, in addition to \$247.0 million in financial assistance in 2021-2022 to finalize the financing of social and affordable housing projects under AccèsLogis programs, for a total of nearly \$400.0 million for social and affordable housing;
- An amount of \$125.0 million in culture for various cultural projects.

Section A

Québec Infrastructure Plan 2022-2032

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1. Fulfillment of commitments through investments in priority sectors

1.1 Newly available funds \$14.5 billion

To sustain the realization of its commitments, while respecting his priorities, the Government has set the 2022-2032 QIP at \$142.5 billion, an increase of \$7.5 billion compared to the previous QIP.

- With this major plan, the Government intends to pursue its public infrastructure commitments, particularly in the priority sectors of health, education, higher education, road networks, public transit, information resources, government administration, culture, educational childcare services as well as social housing.

This \$7.5 billion increase in the 2022-2032 QIP is in addition to the \$7.0 billion newly freed through the advancement and completion of projects during 2021-2022 fiscal year, the addition of 2031-2032 year, as well as advance payments of financial assistance to infrastructure projects in 2021-2022. As a result, \$14.5 billion will be earmarked for new investment over the 2022-2032 period.

New availabilities in the 2022-2032 QIP

(contribution of the Gouvernement du Québec, in millions of dollars)

	2022-2032 QIP
New availabilities ^{1,2}	7,030.9
Increase in the QIP level	7,500.0
Total	14,530.9

¹ Appendix 1 presents the method used to calculate the new availabilities.

² These new availabilities include \$1,120.0 million from the advance payment in 2021-2022 of a contribution from the Gouvernement du Québec, in the form of financial assistance, to STM infrastructure projects.

Distribution of new availabilities by sector

(contribution of the Gouvernement du Québec, in millions of dollars)

	2022-2032 QIP		
	Sector envelope	Central envelope ¹	Total
Health and social services	2,118.1	683.5	2,801.6
Education	1,019.9	188.0	1,207.9
Higher education	787.0	—	787.0
Road network	2,848.2	1,522.0	4,370.2
Public transit	2,083.4	—	2,083.4
Information resources	836.0	—	836.0
Government administration	565.0	68.2	633.2
Culture	125.0	—	125.0
Social and community housing	152.3	—	152.3
Educational childcare services	160.0	—	160.0
Other sectors	698.2	676.0	1,374.2
Total	11,393.2	3,137.7	14,530.9

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

¹ Refer to heading 1.4.

1.2 Distribution of availability based on government priorities

❑ \$2.8 billion for CHSLD reconstruction in seniors' residences and hospital's expansion and redevelopment

The Government is committed to providing Quebecers with access to modern establishments offering quality health and social services and to ensuring that our seniors and other adults requiring long-term care have an appropriate environment. To this end, investments of \$2,118.1 million are planned for the health and social services sector, and \$683.5 million to the central envelope, for a total of \$2,801.6 million. Of this amount:

- \$1,213.0 million is allocated for the reconstruction and repair of CHSLDs under the seniors' residences concept, including the Jeanne-Le Ber 1 and 2, Benjamin-Victor-Rousselot, Nicolet, and Denis-Benjamin-Viger CHSLDs, the Grace Dart extended care centre and the Dorval and LaSalle residential centres, all located in Montréal, as well as the Saint-Eusèbe residential centre in Joliette and the Parphilia-Ferland residential centre in Saint-Charles-Borromée, while continuing to gradually implement seniors' residences and alternatives residences;
- \$778.6 million is mainly allocated to major expansion and redevelopment projects of hospitals across the Québec, including the emergency department at the Hôpital Fleury in Montréal, the emergency department and care units at the Hôpital de Saint-Eustache and the Hôpital de La Malbaie, the emergency department and the surgical unit at the Hôtel-Dieu d'Arthabaska, the Hôpital de Chicoutimi surgical unit and the under study of the project of expansion and redevelopment of the Hôpital du Suroît emergency department;
- \$585.0 million is set aside in the central envelope to provision other major projects.

Allocation of new availabilities in the 2022-2032 QIP

Health and Social Services sector

(contribution of the Gouvernement du Québec, in millions of dollars)

	2022-2032 QIP			
	Estimated number of projects	Sector envelope	Central envelope	Total
Reconstruction and repair of CHSLDs	11	1,213.0	—	1,213.0
Expansion and redevelopment of hospitals and other health establishments	8	680.1	98.5	778.6
Allocation for major projects	2	—	585.0	585.0
Other projects and envelopes	8	225.0	—	225.0
Total	29	2,118.1	683.5	2,801.6

Note: These investments are in addition to those that were planned in the 2021-2031 QIP and not completed.

Thus, in addition to the creation of these new places in seniors' residences and alternatives residences already planned in the 2022-2032 QIP, significant funds are allocated for the reconstruction and modernization of CHSLDs whose outdated facilities no longer meet the growing needs of the community. This work will be done using the seniors' residences and alternatives residences model.

- In 2019, the Government announced the creation of seniors' residences and alternative residences. This approach represents a significant change in the way infrastructures are designed and resident care and services are delivered. It reinforces the human aspect at the heart of relationships between residents, their loved ones, staff and the community. Inclusion, social participation and maintenance of people's abilities are promoted.
- As part of this plan, the Government committed to creating 2,600 new spaces in these new residential settings by September 2022. This commitment will be realized in the fall of 2022 with the commissioning of 2,640 spaces in 33 new facilities. The remaining 13 projects, for a total of 3,480 spaces in 46 seniors' residences, will be delivered mostly in the year 2023.

❑ **\$1.2 billion in funding for the realization and the pursue of projects to add classrooms in several regions of Québec**

Education remains a priority for the Government. As such, it continues to invest in this sector so that several regions of Québec will have the facilities that young people need to reach their potential. This commitment translates into \$1,019.9 million in investments in the education sector and \$188.0 million in the central envelope, for a total of \$1,207.9 million, broken down as follows:

- \$965.4 million for non-major projects to add space in primary and high school establishments.
- \$242.5 million for major projects to add space, including \$188.0 million in the central envelope to provision major projects. In addition, the study of a project for a high school for the centre de services scolaire Marie-Victorin in Longueuil has been prioritized in this QIP.

Allocation of new availabilities in the 2022-2032 QIP

Education sector

(contribution of the Gouvernement du Québec, in millions of dollars)

	2022-2032 QIP			
	Estimated number of projects	Sector envelope	Central envelope	Total
Allocation for non-major additional space projects	50	965.4	—	965.4
Allocation for major additional space projects	3	54.5	188.0	242.5
Total	53	1,019.9	188.0	1,207.9

Note: These investments are in addition to those that were planned in the 2021-2031 QIP and not completed.

These investments have been added to those already planned in the 2021-2031 QIP for the construction and renovation of school network buildings, notably to carry out the plan to deploy kindergarten for four-year-old, to add thousands of places for kindergarten, primary and high school students, and to build beautiful schools throughout Québec.

- This is why a vision and an architectural signature were developed to guide the construction of the schools. These schools aim to provide young people with stimulating living environments adapted to their needs, to foster learning and help them reach their full potential. The chosen architectural signature will make these new buildings unique and easily identifiable, in addition to showcasing Québec materials.

It should be noted that funding for the education sector has more than doubled in recent years, from \$8,972.7 million in the 2018-2028 QIP to \$21,116.1 million in the 2022-2032 QIP. Of the investments planned in the 2022-2032 QIP, 62,3% is allocated to infrastructure maintenance.

❑ \$787 million for higher education

The 2022-2032 QIP provides \$787.0 million in investments to the higher education sector, including:

- \$210.6 million is allocated for new initiatives, with \$108.8 million and \$101.8 million for the college network and university network, respectively;
- \$526.4 million is awarded for major projects, including the McGill University project to redevelop and add space to a portion of the former Royal Victoria Hospital site, and for projects currently listed as “under study” regarding expansions on the CEGEP de Saint-Hyacinthe campus and the CEGEP régional de Lanaudière, Terrebonne campus.
- \$50.0 million for projects arising from the work of the *Groupe d'intervention gouvernementale en matière de rareté de la main-d'œuvre*;
 - Involving several departments, this group addresses the labour shortage in highest priority sectors by implementing various measures, including some related to training (graduation and retention of students, adaptation of skills and retraining of workers);

Allocation of new availabilities in the 2022-2032 QIP

Higher Education sector

(contribution of the Gouvernement du Québec, in millions of dollars)

2022-2032 QIP				
	Estimated number of projects	Sector envelope	Central envelope	Total
<i>College network</i>				
Allocation for non-major projects	10	108.8	—	108.8
Allocation for major projects	2	4.0	—	4.0
<i>University network</i>				
Allocation for non-major projects	4	101.8	—	101.8
Allocation for major projects	1	522.4	—	522.4
Other budget for new initiatives	nd	50.0	—	50.0
Total	17	787.0	—	787.0

Note: These investments are in addition to those that were planned in the 2021-2031 QIP and not completed.

❑ \$4.4 billion invested to maintain the “good condition” of the road network and his development

The 2022-2032 QIP provides for \$2,848.2 million to the road network sector and \$1,522.0 million to the central envelope, for a total of \$4,370.2 million. It should be noted that these investments are necessary, among other things, to carry out several projects on the road network that benefited from the acceleration measures provided for in the *Act respecting the acceleration of certain infrastructure projects*. These investments include the construction of new reserved lanes that will also contribute to improving public transit (see box p. A.9). This amount of \$4,370.2 million provides for:

- \$300.6 million is allocated for non-major projects, including:
 - Redevelopment projects in the jetée du Déroit and Pointe-aux-Loups sectors of Route 199 in Îles-de-la-Madeleine;
 - Route 170 redevelopment project in L'Anse-Saint-Jean;

- An amount of \$2,547.6 million for major projects to maintain and enhance the road network including:
 - Repair and development of reserved lanes on Autoroute 15 between Laval and Boisbriand;
 - Construction of Autoroute 19 between Laval and Bois-des-Filion;
 - Construction and repair of Autoroute 25 between Saint-Esprit and Sainte-Julienne;
 - Expansion of Autoroute 30 between Brossard and Boucherville;
 - Construction of Autoroute 70 between Grande-Anse and La Baie;
 - The “under study” for the extension of Autoroute 20 between Notre-Dame-des-Neiges and Rimouski;
- \$1,522.0 million is set aside in the central envelope for provisioning of other major projects.

Allocation of new availabilities in the 2022-2032 QIP

Road Network sector

(contribution of the Gouvernement du Québec, in millions of dollars)

	2022-2032 QIP			
	Estimated number of projects	Sector envelope	Central envelope	Total
Allocation for non-major projects	40	300.6	—	300.6
Allocation for major projects	18	2,547.6	1,522.0	4,069.6
Total	58	2,848.2	1,522.0	4,370.2

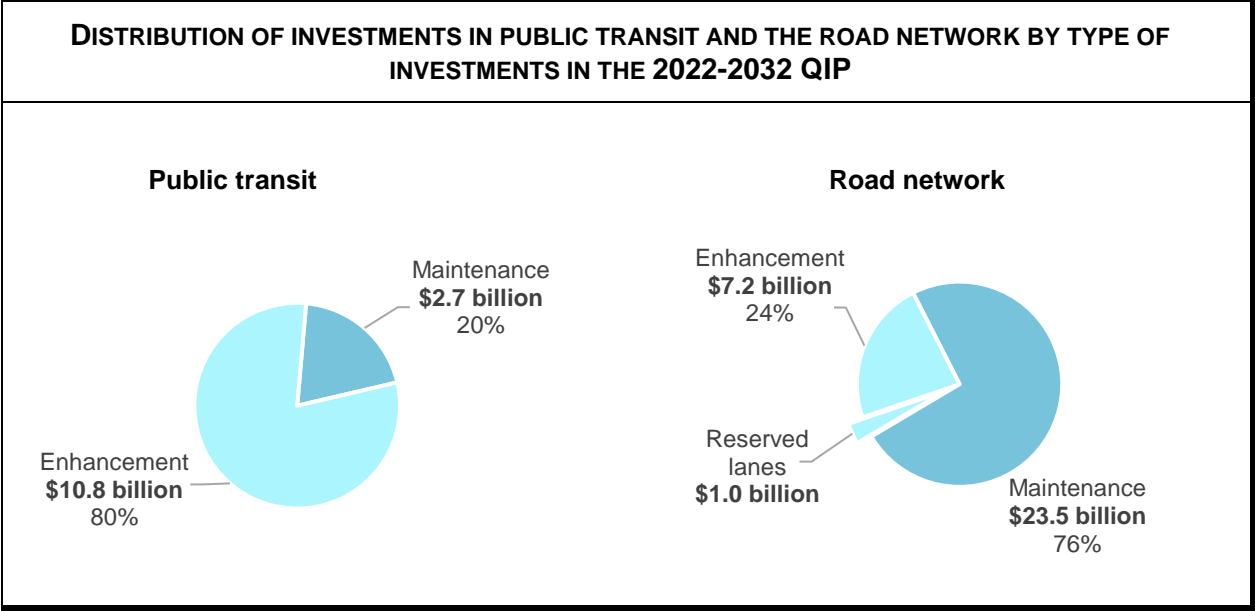
Note: These investments are in addition to those that were planned in the 2021-2031 QIP and not completed.

Taking into account the investment of nearly \$4.4 billion for the road network sector, the \$30.7 billion budgeted in the 2022-2032 QIP for this sector reflects the Government's desire to maintain the road infrastructure in good condition. The majority of this investment, i.e. \$23.5 billion (76%), is planned for infrastructure maintenance. Furthermore, investment in the road network sector includes \$1,059.7² million for projects relating to reserved lanes and bus preferential measures, which contribute to improving public transit.

- The road network for which the MTQ is solely responsible features over 31,000 kilometres of roads and some 9,700 structures, including bridges and overpasses. This road infrastructure needs to be available for public mobility, be it by personal vehicle or public transit system, as well as for freight transport.
- Investments required to maintain these strategic assets in good condition, which are essential to the economic development of Québec, are very significant since the cost of roadway reconstruction and structures is high and given the fact that this infrastructure covers a substantial area across Québec. Furthermore, a significant portion of the portfolio was built between 1960 and 1970. Consequently, they often have reached the end of their useful life, and significant investments become necessary.

² This amount of \$1,059.7 million includes only projects devoted exclusively to developing reserved lanes and bus preferential measures. Thus, road network sector projects that may include a portion for reserved lanes within a larger project are not included in this amount.

The Government must continue to invest in road infrastructure to ensure user safety, reduce the AMD, improve their conditions and promote use of the various modes of public transit.



❑ **\$2.1 billion to improve mobility and electrify public transit**

To help make citizens more mobile, improve traffic flow and electrify public transit, an investment of \$2,083.4 million is dedicated to the public transit sector.

Allocation of new availabilities in the 2022-2032 QIP
Public Transit sector
 (contribution of the Gouvernement du Québec, in millions of dollars)

	2022-2032 QIP			
	Estimated number of projects	Sector envelope	Central envelope	Total
Allocation for infrastructure maintenance and major projects	n/a	2,083.4	—	2,083.4

Note: These investments are in addition to those that were planned in the 2021-2031 QIP and not completed.

RESERVED LANES AND BUS PREFERENTIAL MEASURES

In addition to the amounts allocated to the public transit sector, investment in the road network sector includes \$1,059.7 million for projects relating to reserved lanes and bus preferential measures, which help to improve public transit.

These preferential measures and reserved lanes will be developed with a metropolitan perspective of travel, using an approach that will ensure networks complement one another. The goal is to improve user mobility by increasing the number of people transported, using less vehicles, along a particular corridor. Additional reserved lanes for public transit use and carpooling provides an attractive alternative to solo car travel.

The 2022-2032 QIP proposes the development of ten projects involving reserved lanes and other bus preferential measures on the following segments:

- Autoroute 440 eastbound between Route 125 and Autoroute 25;
- Autoroute 25 northbound between Laval and Terrebonne;
- Autoroute 15 between Laval and Boisbriand;
- Autoroute 15 northbound between Boisbriand and Mirabel;
- Autoroute 30 between Brossard and Boucherville;
- The interchange between Autoroutes 30 and 40;
- Autoroute 20 eastbound between Beloeil and Sainte-Julie;
- Autoroute 10 between Brossard and Carignan;
- Public transit preferential measures – Greater Montréal area¹;
- Public transit preferential measures – Greater Québec City Area².

¹ The name of the project has changed. Initially, the name was "Reserved lanes on Autoroutes 13, 20, 25, 440 and 640, as well as Route 116 – Greater Montréal area – Enhancement.

² The name of the project has changed. Initially, the name was "Reserved lanes on Autoroutes 73, 573, 973, 40 and 440, as well sections of the municipal network – Québec.

Given the major public transit initiatives overseen by the STM, the Gouvernement du Québec made advance payments totalling \$1,120.0 million in 2021-2022. This funding corresponds to financial assistance planned in other years of the 2021-2031 QIP for infrastructure work on the Montréal Métro.

FINANCIAL ASSISTANCE PAID IN ADVANCE¹

In 2021-2022, actions implemented to strengthen budget management and monitoring made it possible to track trends and procedures relating to expenditures by departments and bodies throughout the fiscal year. With the aim of promoting the sound and efficient management of public funds, the Government has introduced a new process for providing advance funding to certain investment projects, thereby facilitating their completion. Work and actions undertaken in 2021-2022 made it possible to release advance funding of \$1,120.0 million for work planned on infrastructure projects included in the 2021-2031 QIP.

This financial assistance provided aims public transit projects undertaken by the STM, due in part to address the significant deficit noted by the MTQ in terms of maintaining the corporation's assets. Accordingly, the Government will advance funding of \$1,120 million through the Land Transportation Network Fund by March 31, 2022.

- \$577.0 million for preparatory work and acquisition relating to the project for extending the Montréal Métro's blue line from Saint-Michel station to Anjou (project currently listed as "in planning");
- \$543.0 million for work associated with certain maintenance and enhancement programs for Montréal Métro infrastructure:
 - \$283.0 million for the Réno-Infrastructures program (phases II and III), which covers the rehabilitation of Montréal Métro network infrastructure (i.e., stations, auxiliary structures, tunnels, garages and workshops that have reached the end of their useful life);
 - \$160.0 million for the Réno-Systèmes program (phases III and IV), which aims to replace, build or refurbish stationary equipment directly related to operations – more specifically, motorized equipment (ventilation, elevators); track equipment; equipment for powering, operating and monitoring trains; telecommunication and operations control systems;
 - \$100.0 million for work relating to the Montréal Métro station accessibility program (phase I), which aims to make Métro stations universally accessible (improvements to physical infrastructure and vertical movement).

Totalling \$1,120.0 million, the financial assistance provided by the Government in 2021-2022 for work already planned in the 2021-2031 QIP will ensure the availability of a similar amount in the 2022-2032 QIP for other projects under the MTQ's responsibility.

¹ Any financial assistance paid in advance by the Government for infrastructure projects includes terms and conditions imposed to beneficiaries with respect to the use of the funds transferred or actions required to retain the transfer. These terms and conditions also allow the Government to maintain sound management of public funds by ensuring that grant objectives are met.

The Government expects that, over the next ten years, investments in this sector will far exceed the \$13.4 billion allocated in the 2022-2032 QIP. Indeed, considering all projects under study that would require timely funding and those undertaken by CDPQ Infra, outside the QIP, investments in public transit could reach \$49.7 billion, broken down as follows:

- \$1.1 billion in financial assistance paid to the STM in advance in 2021-2022, because the Government's commitment to the projects covered by these payments was made in 2021-2022 and therefore does not cover the period 2022-2032;
- \$14.7 billion provided for in the 2022-2032 QIP, including \$13.4 billion for the public transit sector and \$1.3 billion set aside in the central envelope;
- \$33.9 billion for:
 - Public transit corporations projects, currently listed as “under study” or “in planning,” for which provisioning is planned for in future QIPs (i.e., structuring electric public transit projects);
 - Québec's contribution to these projects will be determined later, based on business case approval and contributions from partners such as the federal government and public transit corporations. Therefore, the amounts required to carry out these projects will be provided for, in a timely manner, when preparing future QIPs.
 - Projects overseen by CDPQ Infra, outside the QIP, i.e., the REM in the Montréal region, a project currently underway, and structuring electric public transit projects to connect east and north-east Montréal with the city's downtown (East REM).

The Government expects the level of investment in public transit will reach \$49.7 billion and investment in the road network will reach \$55.0 billion.

- Including investments of \$6.8 billion for the development of reserved lanes and other bus preferential measures, public transit sector investments, totaling \$56.5 billion, exceed road network sector investments, which total \$48.2 billion.

Investments planned in the 2022-2032 QIP and future investments

Public Transit and Road Network sectors

(in billions of dollars)

	Advance payments in 2021-2022	2022-2032 QIP	Future QIPs and outside the QIP ²	Total	
Public Transit sector	1.1	13.4	33.9	48.4	
Central envelope	—	1.3	—	1.3	
Total – Public Transit	1.1	14.7	33.9	49.7	} 56.5
Development of reserved lanes and other bus preferential measures	—	1.1	5.7	6.8	
MTQ - Road network ¹	—	29.5	12.4	42.9	} 48.2
Central envelope	—	6.3	—	6.3	
Total – Road Network sector	—	36.9	18.1	55.0	

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 Investments in the Road Network sector do not include amounts allocated to projects involving the development of reserved lanes and other bus preferential measures.

2 Projects outside the QIP, overseen by CDPQ-Infra, investments include those already made prior to the 2022-2032 period and those to be made during that period.

STRUCTURING ELECTRIC PUBLIC TRANSIT PROJECTS

2022-2032 QIP	Outside the QIP ¹
1. Québec City structuring public transit network – Construction (Body responsible: Québec City)	6. Transformative electric public transit projects to link east and north-east Montréal to downtown (East REM) (Body responsible: CDPQ Infra)
2. Transformative electric public transit project between Gatineau's west end and downtown Ottawa – Enhancement (Body responsible: Société de transport de l'Outaouais)	7. REM in the Montréal area (Body responsible: CDPQ Infra)
3. Transformative electric public transit projects on boulevard Taschereau and extension of the Métro's yellow line – Enhancement (Body responsible : CDPQ Infra ²)	
4. Transformative electric public transit projects to link south-west Montréal to downtown (Body responsible: ARTM)	
5. Transformative electric public transit projects to extend the REM to downtown Laval and link east and west Laval – Enhancement (Body responsible: CDPQ Infra ²)	

¹ Projects managed by CDPQ Infra are outside the QIP, since the Government contributes in the form of acquisition of ownership equity with return. The QIP covers infrastructure investments, not holdings.

² CDPQ Infra is studying this project (3 and 5).

❑ \$836 million for information resources

The *Act to enact the Act respecting the ministère de la Cybersécurité et du Numérique and to amend other provisions*, which was passed on December 3, 2021, marked a major milestone in the government's digital transformation by establishing the MCN. This new department's responsibilities include leading digital transformation, providing public bodies with technology infrastructure services and shared support systems, contributing to improve information security and digital data within public bodies.

The digital transformation of public organizations is a priority for the Government, particularly in the areas of computerization of public services, the fight against cyber threats and cyber attacks, and the decompartmentalization of government databases. Accelerating the public administration's digital transformation has become essential for ensuring the Québec population receives secure, intuitive, fast and accessible services.

Accordingly, \$836.0 million has been allocated to support and accelerate key digital technology initiatives, including \$593.1 million for the MSSS and RSSS technology modernization plan, \$100.0 million for various projects for the education and higher education networks and \$58.4 million for various projects overseen by Revenu Québec.

❑ **\$633 million for government administration infrastructure**

The Government has allocated \$633.2 million for government administration buildings, mainly for the maintenance, upgrading or expansion of buildings under the responsibility of the SQI, i.e., office buildings, detention facilities, courthouses, Sûreté du Québec police stations and transportation facilities.

In addition, this amount includes \$105.0 million for implementation of the workplace transformation initiative in the context of various office space planning projects, which aim to create activity-focused workplaces. In this regard, two major development projects are under study:

- In Québec City, at 675 René-Lévesque East (Marie-Guyart building);
- In Montréal, at 600 Fullum.

WORKPLACE TRANSFORMATION

Several factors have highlighted how existing government administration workplaces have become obsolete and inefficient, including work surrounding the government's digital transformation initiative, the challenges associated with recruiting and retaining employees, new ways of working (such as telework, "paperless" management and collaborative forms of work and co-creation), as well as sustainable development and mobility efforts.

Providing staff with a better work environment will require adjustments in many areas, including work organization, use of digital technology or use of space. In this regard, investments of \$105.0 million planned in the 2022-2032 QIP will fund the creation of activity-focused workplaces in the context of various government office space planning projects. These investments will make it possible to take advantage of the flexibility offered by new ways of working, while providing appropriate technological tools and optimizing workplace occupancy and use.

Optimizing the layout of government buildings will free up space to accommodate employees currently working in leased premises. These investments of \$105.0 million will result in rent savings for the Government and a payback within the first 10 years. For their part, the two major projects in Québec City and Montréal, which are being considered under the 2022-2032 QIP, are expected to generate approximately \$127.0 million in rent savings over 10 years.

The *Directive concernant la gestion et l'ameublement des espaces de l'administration gouvernementale* will be revised with an eye to aligning it with the Government's direction and vision with respect to transforming the workplace and making permanent arrangements for telework, as well as to allowing for the adoption of a renewed vision for the use of space and a redefinition of the responsibilities of the SQI in this area.

❑ **\$125 million for culture**

Investments of \$125.0 million will support various cultural projects, including the continuation of the redevelopment project of the Musée d'art contemporain de Montréal, the Riopelle space project at the Musée national des beaux-arts du Québec, the municipal real estate heritage support program and the ongoing implementation of the Espaces bleus network.

This amount is on top of the \$494.0 million allocated to the sector over the past two QIPs, including \$222.2 million for the establishment of regional cultural infrastructure through the Espaces bleus network. Mainly consisting of reclassified heritage buildings, which will be used for broadcasting, mediation and creation, the network will help preserve our built heritage while contributing to the economic and cultural vitality of Québec and strengthening the tourism sector. Work on the first two sites is underway: the Cité du Séminaire in the Capitale-Nationale region and the Vieux Palais d'Amos in the Abitibi-Témiscamingue region.

❑ **\$152 million for social and community housing**

Investments of \$152.3 million have been allocated to support the creation of affordable and social housing units, including \$100.0 million for the construction of nearly 1,000 additional units from Habitation abordable Québec program and \$52.3 million to provide for the contribution of the Gouvernement du Québec to the renovation of low-rent housing stock under Initiative 2 of the Canada-Québec Housing Agreement.

NEARLY \$400 MILLION FOR AFFORDABLE AND SOCIAL HOUSING

In 2021-2022, on top of the \$152.3 million in investments in the 2022-2032 QIP, the Gouvernement du Québec provided financial assistance totalling \$247.0 million to municipalities to complete financial arrangements for certain social and affordable housing projects.

- In recent years, various announcements have been made regarding the creation of social and affordable housing under the AccèsLogis programs. Although several housing projects are under development, a lack of funding is keeping them from getting off the ground. Unexpectedly large increases in construction costs and land values have been a major factor to explain this situation. In this context, the \$247.0 million¹ in financial assistance will complete the delivery of nearly 3,500 housing units AccèsLogis.

As a result, \$399.3 million will be invested in social and affordable housing under the AccèsLogis and Habitation abordable Québec programs.

¹ This financial assistance concerns a program enhancement. Therefore, these investments were not planned in the 2021-2031 QIP and did not generate new availability in the 2022-2032 QIP.

❑ **\$160 million for educational childcare services**

An important part of this \$160.0 million is dedicated to adding the required infrastructure in childcare centres under the *Grand chantier pour les familles – Plan d'action pour compléter le réseau des services de garde éducatifs à l'enfance*, one objective of which is to make available 37,000 additional subsidized childcare spaces by March 2025 to meet the needs of families across Québec.

❑ \$1.4 billion allocated to other sectors

Investments of \$1,374.2 million are allocated to other sectors, including \$275.1 million for the tourism and recreational activities sector, \$220.0 million for the marine, air, rail and other transportation sector, \$179.3 million for research sector and \$159.3 million for Northern development. Further details on the breakdown of availability for the other sectors are provided in Appendix 1 of Section A.

SIGNIFICANT INVESTMENTS FOR THE ENVIRONMENT AND ADAPTING TO CLIMATE CHANGE				
<p>With \$65.2 billion in infrastructure investments focused on sustainable development and the environment planned in the 2022-2032 QIP, along with subsequent investments or those made by CDPQ Infra outside of the QIP, the Government intends to contribute to reducing GHG emissions and adapting to climate change.</p> <p>To support these investments, \$6.9 billion in federal contributions have been allocated to Québec as part of Phase 2 in infrastructure of the Investing in Canada Program.</p> <p>Taking into consideration all of these investments, \$72.1 billion will be dedicated to electrification, reducing GHG emissions and adapting to climate change in the coming years.</p> <p>Infrastructure Investments Promoting Electrification, the Reduction of GHG Emissions and Adaptation to Climate Change (in billions of dollars)</p>				
	Advance payments in 2021-2022	2022-2032 QIP	Future QIPs and outside the QIP ¹	Total
Gouvernement du Québec				
Public transit	1.1	14.7 ²	33.9	49.7
Road network – development of reserved lanes and bus preferential measures	—	1.1	5.7	6.8
Marine, air, rail and other transportation ³	—	0.3	—	0.3
Environment	—	0.9	—	0.9
Municipalities ⁴	—	7.5	—	7.5
Subtotal	1.1	24.5	39.6	65.2
Federal Government⁵				
Public transit (IBA)	—	4.4	—	4.4
Green infrastructure (IBA)	—	2.2	—	2.2
Disaster Mitigation and Adaptation Fund (DMAF)	—	0.3	—	0.3
Subtotal		6.9	—	6.9
Total	1.1	31.4	39.6	72.1
¹ Projects outside the QIP, overseen by CDPQ-Infra, investments include those already made prior to 2022-2032 and those to be made during that period. ² The \$14.7 billion for public transit includes \$1.3 billion reserved in the central envelope. ³ This amount concerns GHG emissions reduction programs in marine, air, rail transportation and others, as well as measures under the Sustainable Mobility Policy, particularly those relating to active transportation. ⁴ This amount concerns mainly Assistance programs for the construction, rehabilitation and expansion of drinking water and wastewater infrastructure, pipe replacement, and work to increase resiliency and adaptation to flooding. ⁵ These federal investments include those already made prior to the 2022-2032 period and those to come during that period.				

1.3 A total of \$142.5 billion in investments across all government sectors

All government sectors benefit from the planned investments in the 2022-2032 QIP, as shown in the following table.

Summary of Planned Investments in the 2022-2032 QIP by sector

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	2022-2032 QIP before the breakdown of available funds	Breakdown of available funds	2022-2032 QIP final	%
Health and Social services				
Health and social services	20,636.1	2,118.1	22,754.2	16.0
Education and Culture				
Education	20,096.2	1,019.9	21,116.1	14.8
Higher education	6,354.5	787.0	7,141.5	5.0
Culture	1,992.4	125.0	2,117.4	1.5
Development of sport	647.9	27.8	675.8	0.5
Economy and Environment				
Road network	27,824.4	2,848.2	30,672.6	21.5
Public transit	11,312.2	2,083.4	13,395.6	9.4
Marine, air, rail and other transportation	3,424.0	220.0	3,644.0	2.6
Municipalities	7,403.3	45.0	7,448.3	5.2
Tourism and recreational activities	1,091.7	168.1	1,259.8	0.9
Social and community housing	2,388.2	152.3	2,540.5	1.8
Northern development	808.6	—	808.6	0.6
Research	821.5	179.3	1,000.8	0.7
Environment	902.5	—	902.5	0.6
Agriculture, forests, fauna and other	779.7	58.0	837.7	0.6
Support for Individuals and Families				
Educational childcare services	314.1	160.0	474.1	0.3
Administration and Justice				
Government administration	4,199.8	565.0	4,764.8	3.3
Information resources	6,736.8	836.0	7,572.8	5.3
Subtotal – Sector envelopes	117,733.9	11,393.2	129,127.1	90.6
Central envelope ¹	10,235.2	3,137.7	13,372.9	9.4
Total	127,969.1	14,530.9	142,500.0	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

¹ Refer to heading 1.4.

General and detailed tables on planned investments set out in the 2022-2032 QIP are presented in section B of this document.

1.4 A central envelope to carry out major projects

In accordance with section 7 of the PIA, the 2022-2032 QIP provides a central envelope to ensure the government's contribution to major projects prioritized for opportunity case or business case approval by March 31, 2023. The transfer of these sums from the central envelope of \$13.4 billion to the sectors requires a Cabinet decision.

Amounts earmarked in the central envelope under the 2022-2032 QIP, by sector (contribution by the Gouvernement du Québec, in millions of dollars)

Road network	6,318.5
Health and social services	3,495.3
Other sectors	3,559.1
Total	13,372.9

Because of the considerable number of projects under study and some others at the planning stage in the 2022-2032 QIP, for which an estimated \$39.0 billion^{3,4} in government contribution has not yet been made available, the Government must plan for their gradual implementation in future QIPs. The annual update of future QIPs will make new funds available, which will guarantee projects retained will be completed.

- For projects requiring a contribution from the Gouvernement du Québec of \$1.0 billion or more, the central envelope is progressively provisioned based on the expected date of approval of their business case, in order to plan investments between the opportunity case and business case dates.

Projects that are funded from the central envelope are not made public, in order to respect the Cabinet's decision-making authority regarding their implementation and to reduce the risk of collusion in their execution.

³ In the 2021-2031 QIP, government contributions remaining to be provisioned were estimated at close to \$37.0 billion.

⁴ This estimate does not include the amounts needed to fund the following two projects, for which CDPQ Infra could assume responsibility: "Transformative electric public transit projects on Boulevard Taschereau and extension of the Métro's yellow line" and "Transformative electric public transit projects to extend the REM to downtown Laval and link east and west Laval."

2. Infrastructure investments continue to accelerate

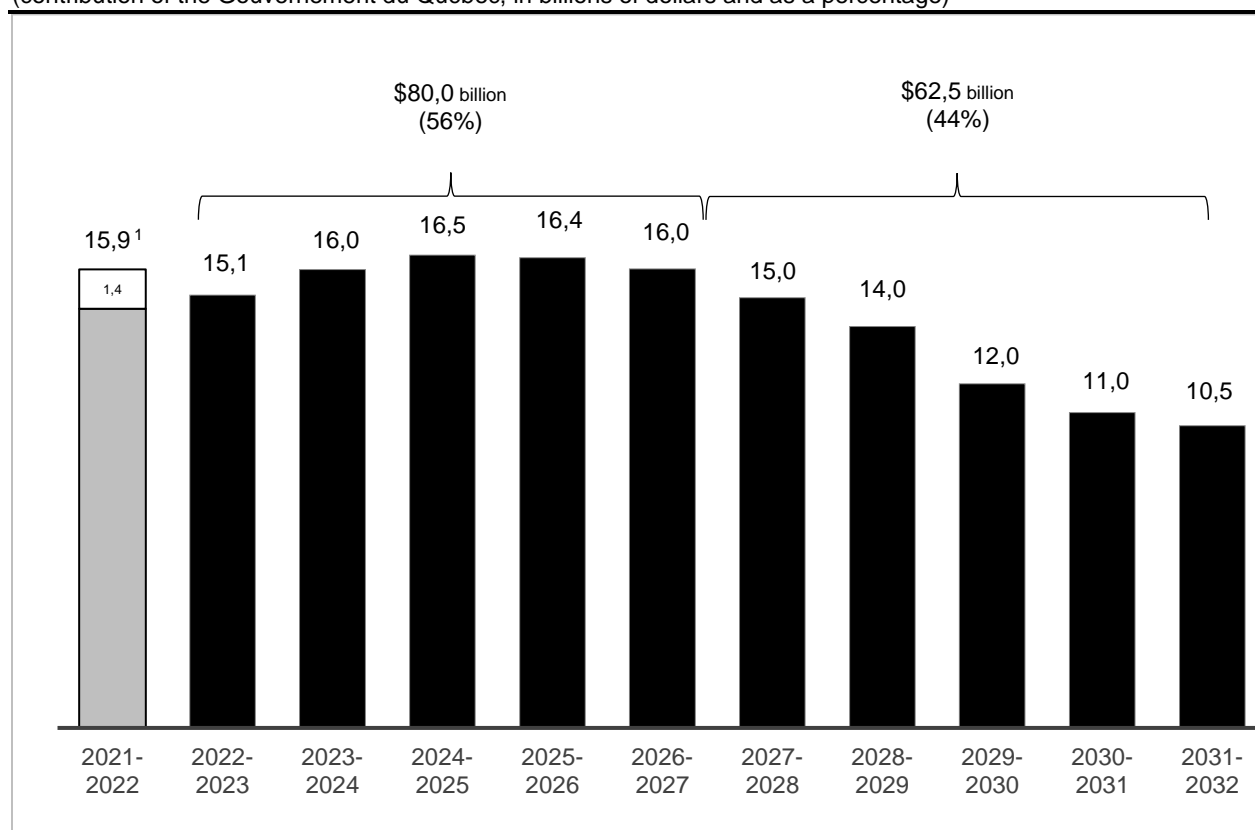
2.1 Accelerating a nearly \$3.0 billion investment in the first five-year period

The Government is continuing to accelerate the infrastructure investments required to ensure projects initiated throughout Québec under the 2021-2031 QIP are continued, particularly those under the Act respecting the acceleration of certain infrastructure projects. Furthermore, approximately \$1.4 billion in advance payments and financial assistance have been disbursed in 2021-2022 to support infrastructure, particularly public transit and social housing.

As part of its 10-year plan, the Government will invest an additional nearly \$3.0 billion in the first five-year period of the 2022-2032 QIP compared to that of the 2021-2031 QIP. The 2021-2031 QIP had already significantly increased by \$13.4 billion in investments over the first five-year period compared to 2020-2030 QIP. Thus, \$80.0 billion, or 56% of what was previously planned in the 2022-2032 QIP, will be invested in the next five years, which will increase Québec's economic potential.

Annual investments

(contribution of the Gouvernement du Québec, in billions of dollars and as a percentage)



1 Probable investments for 2021-2022 include \$1.4 billion in financial assistance paid in advance.

2.2 An Act respecting the acceleration of certain infrastructure projects

On December 10, 2020, the National Assembly of Québec adopted the *Act respecting the acceleration of certain infrastructure projects*. The purpose of this new law is to streamline certain procedures, without diminishing the existing standards, in order to launch 180 priority infrastructure projects more quickly. It involves well-defined, limited and temporary acceleration measures targeting expropriation, the domain of the State, the environment, as well as land use planning and development. These 180 infrastructure projects include:

- 51 projects under the responsibility of the MTQ or the public transit authorities (structuring electric public transit projects, reserved bus lanes, reconstruction of roads, highways or bridges, seaways and rail tracks);
- 81 projects under the responsibility of the MSSS (seniors' residences, CHSLDs and hospitals);
- 35 projects under the responsibility of the MEQ (primary and secondary schools and adult education and vocational training centres);
- 5 projects under the responsibility of the MES (CEGEPs and universities);
- 8 projects under the responsibility of the SQI (courthouses and government buildings).

The 2022-2032 QIP provides the funding required for the vast majority of infrastructure projects covered by the Act. The funding needed to complete the other projects will be provided in a timely manner, when future QIPs are prepared.

In the interest of transparency, the law requires that semi-annual accountability reports be produced for each project benefiting from acceleration measures, along with close monitoring of their progress status. These accountability reports must be completed by May 31 and November 30 each year, until infrastructure projects have been completed and published on the SCT website⁵. Since the Act was passed in December 2020, 38 projects currently underway at MSSS, MEQ and SQI have used acceleration measures provided for in the Act.

In addition to this semi-annual accountability reporting process, the Minister of the Environment and the Fight against Climate Change publish also a report on the enforcement of acceleration measures relating to the environment, last updated on September 30, 2021. A report on the application of the Act will also be tabled in the National Assembly in 2026.

⁵ SECRÉTARIAT DU CONSEIL DU TRÉSOR, Publications, <https://www.tresor.gouv.qc.ca/infrastructures-publiques/reddition-de-comptes-des-projets-d'infrastructure-acceleres/>

ADDITIONAL POWERS FOR GREATER OVERSIGHT OF PUBLIC INFRASTRUCTURE CONTRACTS

The *Act respecting the acceleration of certain infrastructure projects* confers on the AMP additional functions and powers related to the oversight of public contracts arising from the 180 projects accelerated by the legislation. More specifically, the AMP may:

- Examine the public contracts and subcontracts, for which responsibility the AMP has set up a team dedicated to this purpose;
- Order a public body to take corrective measures;
- Suspend the performance of such contracts or terminate them if the seriousness of the breaches observed justifies it.

The AMP can also investigate on its own initiative.

These additional powers given to the AMP provide greater oversight over public infrastructure projects.

2.3 Action Plan for the Construction Sector: to support and develop the industry's capacity

The Government released the Action Plan for the Construction Sector on March 21, 2021, for the period of April 1, 2020, to March 31, 2023, to increase the capacity of the construction industry. For the 42 measures in this plan, divided into five areas of focus, \$120.0 million was allocated, of which nearly \$25.0 million funded from existing budget envelopes.

As of September 30, 2021, 39 measures were initiated, representing expenditures of \$19.0 million.

As part of the first area of focus regarding the advancement of QIP investments, the easing of approval processes for certain infrastructure projects and the adoption of new approaches, the main measures initiated include:

- Advancing \$2.9 billion in planned investments in the 2020-2030 QIP;
 - In May 2020, the Government announced the advancement of \$2.9 billion in investments planned in the 2020-2030 QIP with a view to stimulating the recovery of Québec's economy, which was affected by the health crisis.
 - The advanced investment completion rate is expected to be 69.4% as of March 31, 2022, or \$2.0 billion of the \$2.9 billion planned. The lower completion rates in the education and higher education (56.0%) and public transit (49.9%) sectors are explained by the late announcement of the advance, which left little time for the subsidized bodies to prepare, and the subsequent process of allocating financial assistance among the various subsidized bodies by the relevant departments. The remaining investments are expected to be completed primarily in 2022-2023.

Summary of advanced investments made as of March 31, 2022, by sector
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	Authorized in May 2020	Completed as of March 31, 2022			%
		Actual 2020-2021	Probable 2021-2022	Total	
Health and social services sector	683.0	257.6	425.4	683.0	100.0
Education/Higher education sector	1,141.3	505.9	133.4	639.3	56.0
Road network/Marine, air, rail and other transportation	369.7	215.0	80.9	295.9	80.0
Public transit sector	614.0	54.0	252.1	306.1	49.9
Other sectors	93.2	85.4	5.0	90.4	97.0
Total	2,901.2	1,117.9	896.8	2,014.7	69.4

- The adoption of new approaches, including:
 - The adoption of the *Act respecting the acceleration of certain infrastructure projects* on December 10, 2020, which provides for 180 projects to benefit from the acceleration measures provided relating to expropriation, the domain of the State, the environment, as well as land use planning and development. (See Section 2.2.);
 - Changes to the Electronic Tendering System (SEAO) that now allow for the electronic submission of tenders for all modes of bidding, except for those with a quality evaluation and work package pricing.

Under the second area of focus, which is aimed at making QIP implementation more effective on an ongoing basis, measures were taken:

- Approximately 15 local purchasing workshops were held for public bodies subject to the *Act respecting contracting by public bodies*.
 - In this regard, it should be noted that on February 3, the Minister responsible for government administration and the Chair of the Conseil du trésor announced a new government procurement strategy for innovation in public contracts as well as Bill 12, *An Act mainly to promote Québec-sourced and responsible procurement by public bodies, to reinforce the integrity regime of enterprises and to increase the powers of the Autorité des marchés publics*.
- The launch of a new \$90 million financial assistance program for core municipal buildings on June 17, 2021, as well as the issuance of 924 letters of promise to municipalities.

With regard to the third area of focus concerning the labour shortage, the measures implemented made it possible to:

- Refer and support more than 1,100 unemployed individuals in training for construction trades and provide wage subsidies totalling \$1.5 million to hire more than 400 unemployed individuals;
 - In addition to these measures, the MTESS, as part of the Opération main-d'œuvre program launched last November, is temporarily increasing income support to \$475 per week for unemployed individuals who are pursuing training on a full-time basis, most particularly in construction trades.
- Accelerate the admission of 4,300 apprentices to become journeypersons;
- Issue over 1,100 student certificates facilitating access to the construction trades.

With regard to the fourth area of focus, which is aimed to increase the industry's productivity, the measures taken have resulted in:

- Launching the government roadmap⁶ on August 20, 2021, establishing the pace for implementing Building Information Modelling (BIM) for the following clients: SQI, MTQ, SHQ, Hydro-Québec, Ville de Montréal and Ville de Québec. Accelerating the use of BIM in infrastructure projects aims to accelerate the digital shift in the construction industry in Québec, thereby increasing productivity. This digital transformation will also help to reduce the construction industry's labour shortage, opening the door for young people in particular who are more interested in technology jobs;
- The payment of \$11.9 million, as part of \$13.7 million in financial assistance granted by the MEI to Groupe BIM du Québec, to carry out diagnostics and draft digital implementation plans to accelerate modernization of the technological infrastructure for almost 100 major public-sector clients (government and municipal) and support the digital shift of nearly 350 companies in the construction sector;
- The payment of \$0.5 million, as part of \$0.8 million in financial assistance granted by the MEI to the SQI, to launch a process to design two public infrastructures using prefabrication.

As for the fifth area of focus relating to supporting the growth of companies in the construction sector, the measures were being prepared as of September 30, 2021, and their implementation will begin after that date.

Together with other government actions, including the adoption of the *Act respecting the acceleration of certain infrastructure projects*, these measures have contributed to achieving concrete results⁷:

- The construction sector employed 300,900 individuals in February 2022, a historic peak. This sector employed an average of 287,000 individuals in 2021, compared to 256,000 in 2020 and 266,600 in 2019;
- In November 2021, the real GDP for the construction sector was 115.2% of its pre-pandemic level, compared to 102.3% for all industries;
- Other indicators suggest a record level of activity, including a 25.7% increase in construction site openings in 2021, compared to 2020;
 - Note that in January 2022, there was a total of 79,200 construction site openings at an annualized rate, compared to 68,000 for all of 2021.

These preliminary results, based on the first semi-annual accountability report, indicate that the Action Plan for the Construction Sector is meeting its objectives and will continue to improve Québec's collective wealth by maximizing the completion of priority projects through March 2023.

⁶ This roadmap can be viewed at: https://www.tresor.gouv.qc.ca/fileadmin/PDF/infrastructures_publiques/Feuille_route_gouvernementale_BIM.pdf.

⁷ Based on data available on March 11, 2022.

3. A balance between development and maintenance of the infrastructure portfolio

3.1 Investments dedicated to infrastructure maintenance are prioritized

To ensure the sustainability of Québec's infrastructure for the benefit of current and future generations, it is essential that investments are allocated appropriately to both maintaining and enhancing the portfolio. To this end, the process of allocating QIP funds takes into account the findings listed in the AMPs, which make it possible to track the condition of the infrastructure portfolio and identify priority public investments in this regard.

The investments provided for under the QIP are made by two types of bodies:

- Public bodies such as departments, school service centres, and health and social service network establishments that own the infrastructure dedicated to public services directly under the Government's responsibility;
- Subsidized bodies such as municipalities and public transit corporations that own infrastructure for which they receive a government contribution. These bodies provide the public services under their responsibility. It should be noted that only the government financial contribution to the bodies considered subsidized is included in the QIP.

In the 2022-2032 QIP, 80% of planned investments are allocated to public bodies (\$113.9 billion) and 20% to subsidized bodies (\$28.6 billion).

- Projects that focus on infrastructure maintenance are favoured by 59% overall.

2022-2032 QIP investments

By type of investment and by body¹

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	Public bodies	%	Subsidized bodies	%	Total	%
Infrastructure maintenance	63,746.7	62	11,877.2	44	75,624.0	59
Portfolio enhancement	38,436.8	38	15,066.3	56	53,503.1	41
Subtotal	102,183.6	100	26,943.5	100	129,127.1	100
Central envelope ²	11,736.3		1,636.6		13,372.9	
Total	113,919.9	80	28,580.1	20	142,500.0	100

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 Details of investments by mission and sector set out in the 2022-2032 QIP are presented in Appendix 2 of section A.

2 Refer to heading 1.4.

For public bodies, the Government is prioritizing projects and envelopes that seek to address needs associated with the physical deterioration of an aging asset portfolio, in particular the repair and rebuilding of infrastructure at the end of its useful life.

- Investments of \$63.7 billion, or 62% of the total investments of \$102.2 billion (excluding the central envelope), are dedicated to maintaining the infrastructure portfolio. These investments will also serve to replace obsolete equipment and ensure the functional development of schools, hospitals, CHSLDs and road infrastructure.
- In addition, \$38.4 billion (38%) is allocated for priority needs with regard to developing the portfolio, including the construction of new seniors' residences and alternatives residences as well as new schools based on new architectural concepts developed by the Government.

Concerning subsidized bodies, the Government is focusing particularly on priority requests for investments to develop new infrastructure.

- \$15.1 billion in investments, or 56% of the \$26.9 billion total investment (excluding the central envelope), is allocated to portfolio enhancements, primarily those of municipalities and public transit corporations. Among other things, this approach supports citizen mobility, increased traffic flow and electrification of public transit.
- In tandem, \$11.9 billion is earmarked to respond to maintaining subsidized body infrastructure, which is in better condition (82% with GCI of A, B or C) than that of public bodies (of which 60% of infrastructure has a CGI of A, B or C).

The AMD for public body infrastructure is estimated at \$30.6 billion in March 2022. Note that the AMD is the estimated level of investments necessary to restore infrastructure in poor condition (GCI of D or E) to good condition (GCI of A, B or C).

Regarding subsidized bodies, since their infrastructure does not belong to the Government and, as a result, they are responsible for maintaining it in good condition, the cost of work required to restore their infrastructure in poor condition to good condition is not included in the government's AMD calculation.

PUBLIC AND SUBSIDIZED BODIES		
Public bodies	Good condition (ABC) 60%	2022-2032 QIP \$113,920 million
	AMD \$30,570 million	
<p>The public body infrastructure portfolio primarily consists of government departments and bodies, school service centres⁸, CEGEPs, universities⁹, and health and social services establishments.</p> <p>This inventory, which has a replacement value of more than \$250.0 billion, includes:</p> <ul style="list-style-type: none">• Over 12,700 buildings, including schools and hospitals;• More than 31,000 kilometres of road and 9,700 bridges and overpasses. <p>Taking into account the anticipated impact of planned investments in the 2022-2032 QIP, the proportion of infrastructure in good condition could rise from 60% to 65% by March 2032.</p>		
Subsidized bodies	Good condition (ABC) 82%	2022-2032 QIP \$28,580 million
<p>The infrastructure portfolio of subsidized bodies mainly includes municipalities and public transit corporations.</p> <p>This inventory, which has a replacement value of more than \$200.0 billion, includes:</p> <ul style="list-style-type: none">• More than 98,300 kilometres of drinking water, storm drainage and wastewater pipes;• Significant public transit infrastructure, including more than 500 kilometres of reserved lanes and commuter trains and Montréal Métro lines.		

3.2 An increase of investments to maintain the inventory in good condition

In its 2019-2023 Strategic Plan, the SCT set an objective to gradually increase the annual average infrastructure maintenance investment earmarked for the first five-year period of the QIP to \$7.3 billion by the 2023-2033 QIP. The purpose of this strategy is to provide a sufficient level of recurring investment to ensure the sustainability of the public infrastructure portfolio and meet the anticipated needs to maintain the infrastructure in good condition (GCI of A, B or C).

⁸ Includes 61 school service centres and 11 school boards.

⁹ While only the Université du Québec and its constituent universities are part of the Government reporting entity, all Québec universities are considered public bodies within the meaning of the PIA. Consequently, their infrastructure portfolio is included in this category.

In the 2021-2031 QIP, taking into account how much catching up needs to be done and to stimulate an economy affected by the COVID-19 pandemic, the Government accelerated planned infrastructure maintenance investments for the first five-year period. To accomplish this, the annual average for the first five years of the 2021-2031 QIP was increased to \$7.8 billion.

In the 2022-2032 QIP, the Government is pursuing its objective of gradually increasing investments dedicated to maintaining or restoring its infrastructure portfolio to good condition, as well as replacing infrastructure that has reached the end of its useful life. Consequently, with an annual average of \$8.5 billion for the first five years of the 2022-2032 QIP, the target of \$7.3 billion in the 2019-2023 Strategic Plan was significantly exceeded.

2022-2032 QIP investments by type and five-year period

(contribution of the Gouvernement du Québec, in millions of dollars)

	2022-2023 to 2026-2027		2027-2028 to 2031-2032	Total QIP
	Total	Annual average	Total	
Infrastructure maintenance	42,544.4	8,508.9	33,079.6	75,624.0
Portfolio enhancement	36,229.7	7,245.9	17,273.5	53,503.1
Central envelope	1,227.8	245.6	12,145.0	13,372.9
Total	80,001.9	16,000.4	62,498.1	142,500.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

Furthermore, in its 2019-2023 Strategic Plan, the SCT also committed to implementing the means necessary to maintain a proportion of at least 60% of public body infrastructure in good condition (GCI of A, B or C) by the 2023-2033 QIP. In the 2022-2032 QIP, this proportion is 60%, in line with the target in the Strategic Plan.

To ensure public infrastructure portfolio sustainability, the Government will continue its efforts in the coming years to progressively increase the level of annual infrastructure maintenance investments and develop more effective intervention strategies.

3.3 An asset maintenance deficit addressed by 70% over 10 years

The AMD associated with public bodies' infrastructure in poor and very poor condition (GCI of D or E) was assessed at \$30.6 billion in March 2022. This deficit is explained by the fact that a significant portion of Québec's public infrastructure, most of which was built between 1960 and 1970, has reached or will reach the end of its useful life, which generally varies between 25 and 75 years, depending on the infrastructure. This is especially true of road infrastructure and buildings in the education network, since their advanced age means major investments are required to restore them to good condition (GCI of A, B or C).

Change in public body AMD

By sector

(in millions of dollars and as a percentage)

	AMPI 2021-2022	Natural deterioration	New findings	Reduction	Variation	AMPI 2022-2023	%
Road network	17,923.5	1,786.4	1,065.8	(1,358.8)	1,493.4	19,416.9	64
Education	5,204.3	752.6	1,283.3	(1,372.9)	663.0	5,867.3	19
Other sectors	4,523.9	533.0	879.0	(650.1)	761.9	5,285.8	17
Total	27,651.7	3,072.0	3,228.1	(3,381.8)	2,918.3	30,570.0	100

Over the last year, the AMD increased by \$2.9 billion. More specifically, this variation is due to:

- an increase of \$3.1 billion due to the natural deterioration of inspected infrastructure, including inflation of the costs for cumulative work not completed during the year;
- an increase of \$3.2 billion due primarily to new findings and an upward revision in the cost of certain projects to repair and reconstruct infrastructure in poor and very poor condition (GCI of D or E);
- a \$3.4 billion reduction for work completed in 2021-2022 in all sectors that made it possible to reduce the AMD.

AMD management

By sector

(in millions of dollars and as a percentage)

	Total AMD	AMD managed	%
Road network	19,416.9	11,110.5	57
Education	5,867.3	5,867.3	100
Other sectors	5,285.8	4,531.6	86
Total	30,570.0	21,509.3	70

Investments of \$21.5 billion in the 2022-2032 QIP will address 70% of the \$30.6 billion AMD by repairing, reconstructing and replacing the most obsolete infrastructure over the next decade. Therefore, the Government plans to use a substantial portion of planned investments in the 2022-2032 QIP to complete work targeting the AMD associated with public body infrastructure in poor and very poor condition (GCI of D or E).

3.4 Anticipated improvement in the condition of public infrastructure in the coming years

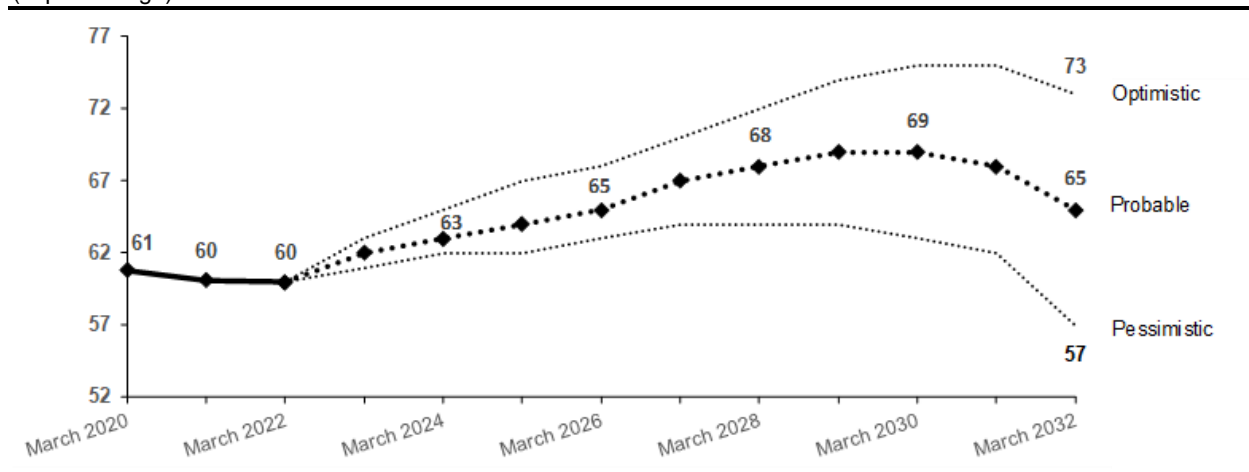
Since the 2020-2030 QIP, the SCT used a forecasting model to simulate, over a 10-year period, the evolution in the condition and in the AMD of public body infrastructure, in order to guide choices and establish measurable objectives.

- The purpose of this annual modeling exercise is to determine how expected effects are progressing and what infrastructure maintenance investment choice adjustments are required to ensure the objectives of improving overall infrastructure condition and reducing the AMD are reached, most particularly by identifying the major repair or reconstruction projects required according to the life cycle of each infrastructure.
- This simulation is also an input in the government's infrastructure maintenance investment strategy; which aims to continue the progressive increase in annual infrastructure maintenance investments for public body, taking into account the updated infrastructure condition assessments included in the AMPIs.

The results presented below are based on the investment choices made for each sector in the 2022-2032 QIP, as well as the infrastructure maintenance investment needs identified in March 2022, with regard to inspected infrastructure with conditions published in the 2022-2023 AMPIs.¹⁰

¹⁰ GOUVERNEMENT DU QUÉBEC Annual Infrastructure Investment Management Plans 2022-2023 [\[online: https://www.tresor.gouv.qc.ca/en/public-infrastructures/publications/\]](https://www.tresor.gouv.qc.ca/en/public-infrastructures/publications/)

Expected change in the proportion of public body infrastructure in good condition (GCI of A, B or C)
(in percentage)

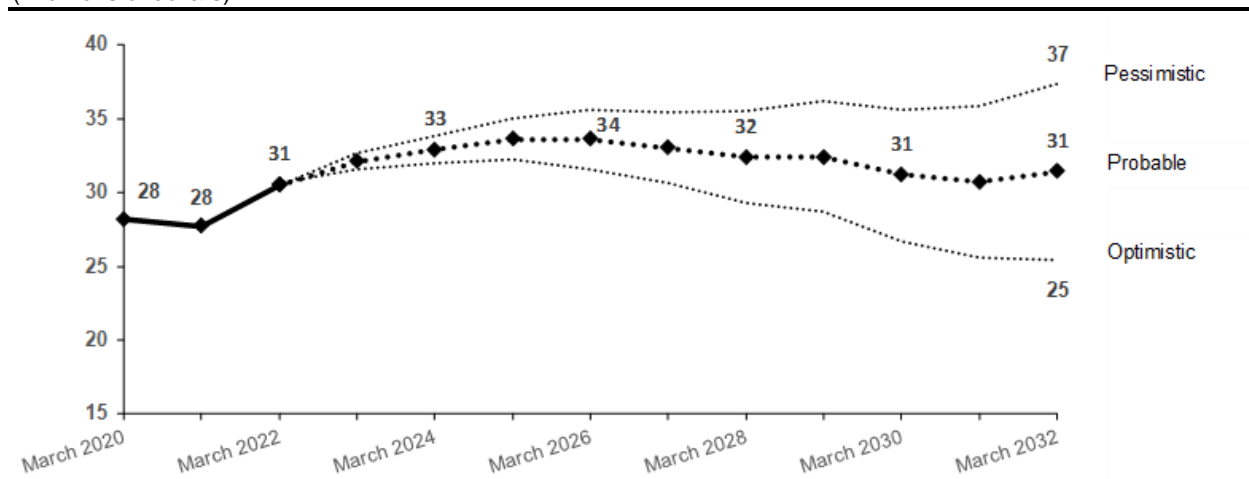


According to the most probable scenario and based on the expected level of infrastructure maintenance investments in the 2022-2032 QIP, the anticipated proportion of infrastructure deemed in good condition will reach 65%, and the AMD will remain stable at \$31 billion. Considering inflation, a significant decrease in the AMD would be observed in real terms, to a level of \$24 billion if adjusted to today's dollar.

The modelling will also make it possible to forecast the expected impact of investments according to an optimistic or pessimistic scenario by March 2032:

- The proportion of infrastructure in good condition could improve and reach 73%, and the AMD could decrease to \$25 billion if, for example, infrastructure maintenance projects are completed more quickly than expected;
- The proportion of infrastructure in good condition may not exceed 57%, and the AMD could increase to \$37 billion if, for example, the rate of deterioration or inflation is higher than expected.

Expected change in public body AMD
(in billions of dollars)



Since these are models, the convincing results obtained will continue to be refined in future QIPs and could therefore vary over time. The results obtained could vary, depending of the update on the condition assessment of the infrastructure in the AMPIs, the investment choices made by the departments and bodies and their capacity to complete the work planned, as well as the construction industry's capacity to respond. Furthermore, the actual deterioration of each infrastructure could differ from that expected, due especially to climate change or usage conditions that can quickly change because of, for example, meteorological hazards and increased road traffic.

Finally, the functional renovations completed on existing infrastructure essential for responding to the changing needs of clientele will require use of an important proportion of infrastructure maintenance investment envelopes available. While these transformations are necessary, they generally do not improve the physical condition of an infrastructure or address the associated AMD.

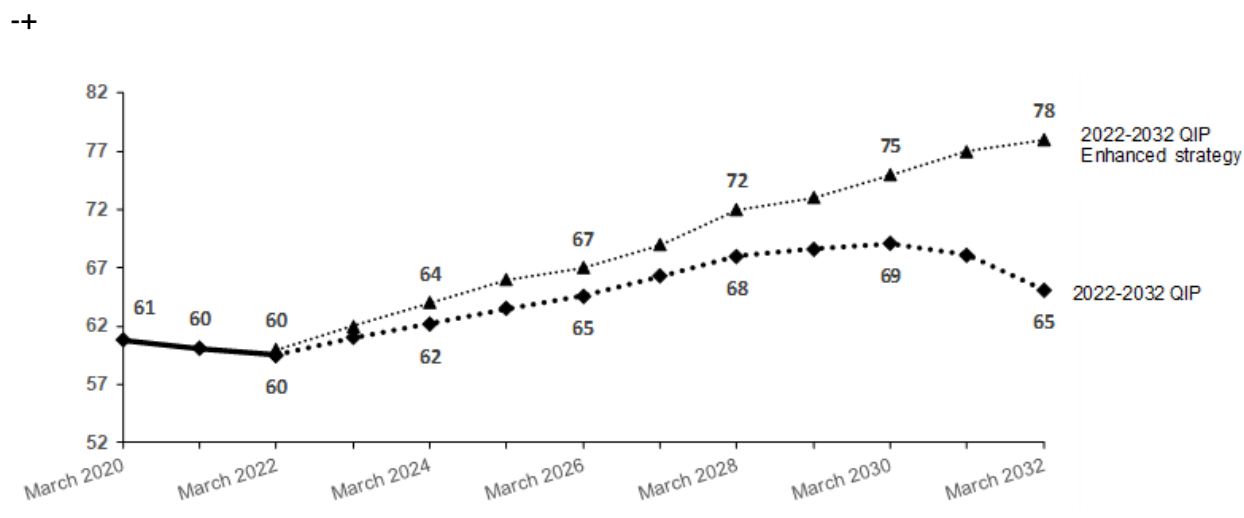
STRATEGY OF GRADUALLY INCREASING INVESTMENTS IN INFRASTRUCTURE MAINTENANCE

The strategy of gradually increasing investments in infrastructure maintenance, implemented by the Government since the 2021-2031 QIP, consists of increasing the infrastructure maintenance envelopes over a 10-year period to compensate for the shortfall between the investments planned in the QIP and the needs identified in the AMPIs, as well as maintaining the 10-year level of infrastructure maintenance of the previous QIP and indexing it annually.

In order to achieve the anticipated improvements and avoid a decrease in expected results, a continued gradual increase in the level of infrastructure maintenance investments in future QIPs will be necessary, especially during the second five-year period.

- Anticipating the effect of the strategy for incrementally increasing infrastructure maintenance investments over the next 10 QIPs, i.e., by the 2032-2042 QIP, the results of the forecasting model indicate this strategy would result in an anticipated proportion of infrastructure in good condition for public bodies from 65% to 78% by March 2032.

Expected change of the strategy of gradually increasing investments in infrastructure maintenance on the proportion of public body infrastructure in good condition (GCI of A, B or C)
(in percentage)



Appendix 1 – Preparation of the 2022-2032 QIP

Appendix 1 – Preparation of the 2022-2032 QIP

The annual preparation of the QIP takes into account the progress of ongoing projects, the needs expressed by the government departments and bodies, and government priorities. Starting with the previous year's plan, the following factors are considered.

Changes during 2021-2022 (first year of the previous QIP)

The starting point of the 2022-2032 QIP differs from the published 2021-2031 QIP. In fact, the following elements must be taken into consideration to update the 2021-2031 QIP to reflect the operations that took place in 2021-2022, namely:

- Cabinet decisions in 2021-2022. For all major projects that the Cabinet has approved for the current year, funds allocated to these projects are transferred from the central envelope to the sector envelopes for the departments and bodies responsible for these projects;
- Changes in the cost or contribution of partners on certain projects, which resulted in adjustments to the planned government contribution, particularly in the case of major projects;
- Advance payment of the contribution in the form of financial assistance from the Gouvernement du Québec for subsidized body infrastructure projects;
- Amounts released as a result of project progress and completion, which become available for further investments;
- Withdrawal of the first year of the 2021-2031 QIP, i.e. 2021-2022.

Consequently, the result of these operations made it possible to determine the balance available from sector envelopes and the central envelope at the start of 2022-2032 QIP preparation.

Preparation of the 2022-2032 QIP

As a first step, a new year (2031-2032) is added to the QIP for an amount equivalent to that allocated for the year withdrawn (2021-2022) from the previous QIP, \$13.5 billion, to keep the 10-year level of investments constant.

For the year added, a portion of the investments is allocated, with high priority and according to sector needs, to recurring infrastructure maintenance investments to ensure sustainability (\$7,896.1 billion). After this allocation, the undistributed balance for 2031-2032 is available for new initiatives (\$5.6 billion), plus amounts released by transactions occurring in 2021-2022 (\$298 million).

Every year, the Government determines the level of investment in the QIP based on identified needs and government priorities, while taking into account the impact these investments have on public finances (\$7.5 billion).

Finally, the Government distributes all of the available \$13.4 billion (available balance of \$5.6 billion, \$298 million released in 2021-2022 and increase of \$7.5 billion) either to sector envelopes to implement projects under the responsibility of various departments and bodies, or to the central envelope to set aside the funds that will be needed to carry out major projects in the future.

Appendix 1 (continued) – Preparation of the 2022-2032 QIP**Preparation of the 2022-2032 QIP**

(contribution of the Gouvernement du Québec, in millions of dollars)

	2021-2031 QIP Expenditure budget (March 2021)	Removal of 2021-2022	Transfers from the central envelope	Advance payments ¹	Balance starting point for the 2022- 2032 QIP	Addition of 2031-2032	Governmental decisions		Final 2022-2032 QIP
							Increase	Breakdown of available funds	
Sector envelopes	122,387.4	(13,499.1)	2,069.6	(1,120.0)	109,837.9	7,896.0 ²	—	11,393.2	129,127.1
Central envelope	12,612.6	(10.0)	(2,069.6)	—	10,533.0	(297.8)	—	3,137.7	13,372.9
Subtotal	135,000.0	(13,509.1)	—	(1,120.0)	120,370.9	7,598.2	—	14,530.9	142,500.0
Available funds	—	—	—	1,120.0	1,120.0	5,910.9 ³	7,500.0	(14,530.9)	—
Total	135,000.0	(13,509.1)	—	—	121,490.9	13,509.1	7,500.0	—	142,500.0

- 1 Advance payment of the contribution, in the form of financial assistance, from the Gouvernement du Québec for STM infrastructure projects.
- 2 This amount represents the portion of the investment that is prioritized for recurring infrastructure maintenance envelopes to ensure the sustainability of the portfolio.
- 3 This includes the transfer of \$297.8 million from the central envelope, corresponding to the balance of the contingency provision in the 2021-2031 QIP.

Appendix 1 (continued) – Preparation of the 2022-2032 QIP

Breakdown of available funds

(contribution of the Gouvernement du Québec, in millions of dollars)

	2021-2031 QIP				2022-2032 QIP Changes in envelopes					2022-2032 QIP Breakdown of available funds		
	Expenditure budget (March 2021)	Removal of 2021-2022	Transfers from the central envelope	Advance payments	Balance starting point for the 2022-2032 QIP	Addition of 2021-2032	Increase	Breakdown of available funds	Final envelopes	Amounts allocated to sector envelopes	Distribution of amounts allocated to the central envelope ¹	Total available funds by mission
Health and Social services												
Health and social services	20,551.2	(2,349.1)	1,590.4	—	19,79.5	843.6	—	2,118.1	22,754.2	2,118.1	683.5	2,801.6
Education and Culture												
Education	20,910.5	(2,493.0)	160.2	—	18,577.7	1,518.5	—	1,019.9	21,116.1	1,019.9	188.0	1,207.9
Higher education	6,485.8	(820.3)	24.3	—	5,689.7	664.7	—	787.0	7,141.5	787.0	—	787.0
Culture	2,019.7	(183.6)	(7.4)	—	1,828.7	163.7	—	125.0	2,117.4	125.0	—	125.0
Development of sport	731.3	(92.1)	—	—	639.1	8.8	—	27.8	675.8	27.8	—	27.8
Subtotal	30,147.3	(3,589.1)	177.1	—	26,735.3	2,355.7	—	1,959.7	31,050.8	1,959.7	188.0	2,147.7
Economy and Environment												
Road network	28,330.8	(2,900.0)	(38.4)	—	25,392.4	2,432.0	—	2,848.2	30,672.6	2,848.2	1,522.0	4,370.2
Public transit	12,830.3	(895.2)	123.3	(1,120.0) ²	10,938.3	373.9	—	2,083.4	13,395.6	2,083.4	—	2,083.4
Marine, air, rail and other transportation	3,571.7	(456.7)	39.7	—	3,154.6	269.4	—	220.0	3,644.0	220.0	—	220.0
Municipalities	7,569.5	(666.6)	—	—	6,902.9	500.5	—	45.0	7,448.3	45.0	—	45.0
Tourism and recreational activities	1,213.6	(324.3)	44.0	—	933.4	158.4	—	168.1	1,259.8	168.1	107.0	275.1
Social and community housing	2,644.2	(421.7)	—	—	2,222.5	165.7	—	152.3	2,540.5	152.3	—	152.3
Northern development	899.4	(159.7)	5.0	—	744.8	63.9	—	—	808.6	—	159.3	159.3
Research	984.0	(162.4)	—	—	821.5	—	—	179.3	1,000.8	179.3	—	179.3
Environment	957.4	(92.3)	(15.3)	—	849.8	52.6	—	—	902.5	—	50.0	50.0
Agriculture, forests, fauna and other	923.5	(170.0)	—	—	753.5	26.2	—	58.0	837.7	58.0	—	58.0
Subtotal	59,924.4	(6,249.0)	158.3	(1,120.0)	52,713.8	4,042.5	—	5,754.3	62,510.5	5,754.3	1,838.3	7,592.6
Support for Individuals and Families												
Educational childcare services	355.0	(50.4)	—	—	304.6	9.5	—	160.0	474.1	160.0	—	160.0
Administration and Justice												
Government administration	4,197.8	(413.8)	166.5	—	3,950.5	249.2	—	565.0	4,764.8	565.0	68.2	633.2
Information resources	7,211.7	(847.8)	(22.6)	—	6,341.3	395.6	—	836.0	7,572.8	836.0	—	836.0
Subtotal	11,409.6	(1,261.6)	143.8	—	10,291.8	644.8	—	1,401.0	12,337.6	1,401.0	68.2	1,469.2
Subtotal - Sector envelopes	122,387.4	(13,499.1)	2,069.6	(1,120.0)	109,837.9	7,896.0³	—	11,393.2	129,127.1	11,393.2	2,778.0	14,171.2
Central envelope	12,612.6	(10.0)	(2,069.6)	—	10,533.0	(297.8)	—	3,137.7	13,372.9	—	359.7⁴	359.7
Available funds	—	—	—	1,120.0	1,120.0	5,910.9⁵	7,500.0	(14,530.9)	—	—	—	—
Total	135,000.0	(13,509.1)	—	—	121,490.9	13,509.1	7,500.0	—	142,500.0	11,393.2	3,137.7	14,530.9

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 This distribution is provided solely for reference purposes, to show potential transfers from the central envelope based on each project's progress status. The transfer of amounts to the sectors will require a Cabinet decision to implement, among the projects under study, those that the Government wishes to retain and prioritize.

2 Advance payment of the contribution, in the form of financial assistance, from the Gouvernement du Québec for STM infrastructure projects.

3 This amount represents the portion of the investment that is prioritized for recurring infrastructure maintenance envelopes to ensure the sustainability of the portfolio.

4 Corresponds to available funds kept as a contingency reserve and not allocated to sector envelopes.

5 This includes the transfer of \$297.8 million from the central envelope, corresponding to the balance of the contingency provision in the 2021-2031 QIP.

Appendix 2 – Investments by type of body

2022-2032 QIP investments

By mission, sector, type of body and type of investment

(contribution of the Gouvernement du Québec, in millions of dollars)

	Public bodies			Subsidized bodies			Total
	Maintenance	Enhancement	Subtotal	Maintenance	Enhancement	Subtotal	
Health and Social services							
Health and social services	10,593.3	12,160.9	22,754.2	–	–	–	22,754.2
Education and Culture							
Education	13,163.0	7,953.1	21,116.1	–	–	–	21,116.1
Higher education	5,894.3	1,247.1	7,141.5	–	–	–	7,141.5
Culture	345.8	463.5	809.2	1,056.0	252.2	1,308.2	2,117.4
Development of sport	34.9	381.9	416.8	64.1	194.8	258.9	675.8
Subtotal	19,438.1	10,045.6	29,483.7	1,120.1	447.0	1,567.1	31,050.8
Economy and Environment							
Road network	23,462.3	7,210.3	30,672.6	–	–	–	30,672.6
Public transit	–	–	–	2,570.0	10,825.6	13,395.6	13,395.6
Marine, air, rail and other transportation	1,223.7	1,076.0	2,299.7	664.1	680.2	1,344.3	3,644.0
Municipalities	–	–	–	6,439.0	1,009.4	7,448.3	7,448.3
Tourism and recreational activities	806.3	220.3	1,026.6	–	233.2	233.2	1,259.8
Social and community housing	1,292.2	98.2	1,390.4	534.3	615.8	1,150.0	2,540.5
Northern development	294.9	435.4	730.2	–	78.4	78.4	808.6
Research	–	695.0	695.0	–	305.8	305.8	1,000.8
Environment	311.6	0.4	311.9	441.7	148.8	590.6	902.5
Agriculture, forests, fauna and other	238.3	417.4	655.7	–	182.0	182.0	837.7
Subtotal	27,629.3	10,153.0	37,782.3	10,649.1	14,079.2	24,728.2	62,510.5
Support for Individuals and Families							
Educational childcare services	–	–	–	108.0	366.1	474.1	474.1
Administration and Justice							
Government administration	2,603.4	1,994.6	4,598.0	–	166.7	166.7	4,764.8
Information resources	3,482.7	4,082.8	7,565.4	–	7.4	7.4	7,572.8
Subtotal	6,086.1	6,077.4	12,163.5	–	174.1	174.1	12,337.6
Subtotal – Sector envelopes	63,746.7	38,436.8	102,183.6	11,877.2	15,066.3	26,943.5	129,127.1
Central envelope	3,314.8	8,421.5	11,736.3	–	1,636.6	1,636.6	13,372.9
Total	67,061.6	46,858.3	113,919.9	11,877.2	16,702.9	28,580.1	142,500.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

Appendix 3 – Directive sur la gestion des projets majeurs d'infrastructure publique

The Directive applies to infrastructure projects with an estimated cost of \$50.0 million or more, in the case of real estate projects, or \$100.0 million or more, in the case of roadway projects. Pursuant to a decision made by the Conseil du trésor in July 2019, public transit projects are also subject to the Directive.

- **For a project to be considered under study in the QIP**, a preliminary project sheet must be prepared to explain how the project will address a particular need. Based on the priority assigned, the Cabinet approves, where applicable, the preliminary project sheet, and the project moves to the “under study” phase;
- **While a project is under study phase**, an opportunity case must be prepared to assess the project’s relevance and ensure that the selected option is the best one for meeting the identified need and requirements. On completion of this study, the Cabinet approves the opportunity case, if applicable, and the project is authorized as “in planning”;
- **While a project is in planning**, a business case must be developed. This document should detail the selected option and outline its management plan. Once planning is complete, the Cabinet approves the business case, where warranted, and the project is then “in progress”;
- **While a project is in progress**, summary progress reports must be prepared for March 31 and September 30 of each year and submitted to the SCT. Meanwhile, the Cabinet must authorize any substantial changes to the project’s scope, schedule, funding or cost;
- **For a project to be deemed in service**, the built, replaced or rehabilitated infrastructure must be providing full service (or partial service in the case of phased commissioning). Nevertheless, some work, acquisitions or dispute settlements may still be underway;
- **At closing**, all work must have been completed to the satisfaction of the project owner (in most cases, the MTQ or the SQI), and the project must have been fully operational for at least a year, allowing for formal reception. A closing report must then be sent to the SCT. Nevertheless, some work, acquisitions or dispute settlements may still be underway.

Section B

Planned Investments by Sector

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1. Summary Tables

1.1 Investments by mission and by sector

2022-2032 QIP investments

by mission and by sector

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

2022-2032 QIP				
Mission and sector	Sector envelope		Total	%
	Infrastructure	Information resources		
Health and social services				
Health and social services	22,754.2	1,734.9	24,489.1	17.2
Education and culture				
Education	21,116.1	971.9	22,088.0	15.5
Higher education	7,141.5	799.8	7,941.3	5.6
Culture	2,117.4	92.4 ¹	2,209.8	1.6
Development of sport	675.8	–	675.8	0.5
Subtotal	31,050.8	1,864.1	32,914.9	23.1
Economy and environment				
Road network	30,672.6	–	30,672.6	21.5
Public transit	13,395.6	–	13,395.6	9.4
Marine, air, rail and other transportation	3,644.0	–	3,644.0	2.6
Municipalities	7,448.3	–	7,448.3	5.2
Tourism and recreational activities	1,259.8	–	1,259.8	0.9
Social and community housing	2,540.5	–	2,540.5	1.8
Northern development	808.6	–	808.6	0.6
Research	1,000.8	–	1,000.8	0.7
Environment	902.5	–	902.5	0.6
Agriculture, forests, fauna and other	837.7	–	837.7	0.6
Subtotal	62,510.5	–	62,510.5	43.9
Support for individuals and families				
Educational childcare services	474.1	–	474.1	0.3
Administration and justice				
Government administration	4,764.8	3,973.8	8,738.6	6.1
Subtotal – Sector envelopes	121,554.3	7,572.8	129,127.1	90.6
Central envelope ²			13,372.9	9.4
Total			142,500.0	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 State-owned cultural enterprises.

2 Refer to heading 1.4 of section A.

2021-2031 QIP				
Sector envelope				
Infrastructure	Information resources	Total	%	
20,551.2	1,294.7	21,845.9	16.2	
20,910.5	926.7	21,837.2	16.2	
6,485.8	800.0	7,285.8	5.4	
2,019.7	73.9	2,093.6	1.6	
731.3	–	731.3	0.5	
30,147.3	1,800.6	31,947.9	23.7	
28,330.8	–	28,330.8	21.0	
12,830.3	–	12,830.3	9.5	
3,571.7	–	3,571.7	2.6	
7,569.5	–	7,569.5	5.6	
1,213.6	–	1,213.6	0.9	
2,644.2	–	2,644.2	2.0	
899.4	–	899.4	0.7	
984.0	–	984.0	0.7	
957.4	–	957.4	0.7	
923.5	–	923.5	0.7	
59,924.4	–	59,924.4	44.4	
355.0	–	355.0	0.3	
4,197.9	4,116.4	8,314.2	6.2	
115,175.7	7,211.7	122,387.4	90.7	
		12,612.6	9.3	
		135,000.0	100.0	

1.2 Investments by mission, sector and by year

2022-2032 QIP investments by mission, sector and by year

(contribution of the Gouvernement du Québec, in millions of dollars)

Mission and sector	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal 2022-2027
Health and social services						
Health and social services	2,598.3	2,746.2	2,937.0	3,019.2	3,114.8	14,415.5
Education and culture						
Education	2,605.4	2,870.6	3,159.3	3,406.2	2,606.3	14,647.8
Higher education	853.0	911.3	832.9	819.8	738.2	4,155.3
Culture	331.4	335.9	237.8	196.5	178.2	1,279.8
Development of sport	89.0	102.7	107.7	90.8	35.3	425.5
Subtotal	3,878.8	4,220.5	4,337.7	4,513.3	3,558.0	20,508.3
Economy and environment						
Road network	2,781.7	3,243.1	3,469.1	3,879.5	3,488.5	16,861.8
Public transit	1,018.2	1,359.6	1,781.1	1,664.2	1,848.4	7,671.5
Marine, air, rail and other transportation	726.4	580.7	619.1	615.0	375.7	2,916.9
Municipalities	985.6	918.1	598.7	669.0	739.2	3,910.6
Tourism and recreational activities	331.7	283.4	302.6	93.5	29.7	1,040.9
Social and community housing	312.6	332.6	336.3	210.1	191.6	1,383.2
Northern development	150.7	145.0	113.0	90.4	0.6	499.7
Research	173.7	144.9	119.6	114.3	123.4	676.0
Environment	96.8	93.8	83.1	98.6	97.2	469.4
Agriculture, forests, fauna and other	170.3	127.6	96.9	80.2	72.4	547.5
Subtotal	6,747.8	7,228.7	7,519.5	7,514.8	6,966.7	35,977.5
Support for individuals and families						
Educational childcare services	234.8	105.9	39.6	12.8	12.6	405.7
Administration and justice						
Government administration	552.9	581.3	638.5	569.9	444.4	2,787.0
Information resources	1,064.5	1,116.9	1,030.7	779.5	688.5	4,680.0
Subtotal	1,617.3	1,698.2	1,669.2	1,349.4	1,132.9	7,467.0
Subtotal – Sector envelopes	15,077.0	15,999.5	16,503.0	16,409.5	14,785.1	78,774.1
Central envelope ¹	10.0	–	–	–	1,217.8	1,227.8
Total	15,087.0	15,999.5	16,503.0	16,409.5	16,002.9	80,001.9

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 Refer to heading 1.4 of section A.

2027-2028	2028-2029	2029-2030	2030-2031	2031-2032	Subtotal 2027-2032	Total
2,135.9	2,077.4	1,515.3	1,603.2	1,006.9	8,338.7	22,754.2
1,772.9	1,618.7	1,280.4	1,105.2	691.1	6,468.4	21,116.1
740.9	596.3	559.4	552.8	536.7	2,986.2	7,141.5
180.4	175.1	180.1	160.7	141.3	837.6	2,117.4
48.3	48.3	48.3	48.3	57.1	250.3	675.8
2,742.4	2,438.5	2,068.3	1,867.0	1,426.3	10,542.4	31,050.8
3,214.8	3,166.0	2,488.4	2,432.4	2,509.1	13,810.8	30,672.6
1,932.0	1,542.5	1,257.5	499.8	492.2	5,724.1	13,395.6
231.6	176.6	112.7	101.0	105.3	727.1	3,644.0
738.5	736.6	694.5	687.9	680.4	3,537.8	7,448.3
47.8	50.6	58.8	34.2	27.4	218.9	1,259.8
230.5	221.2	222.9	231.8	250.7	1,157.2	2,540.5
47.2	48.2	43.6	71.2	98.8	309.0	808.6
79.2	73.8	61.9	60.0	50.0	324.9	1,000.8
106.3	80.9	78.0	79.0	88.9	433.1	902.5
63.2	62.8	57.1	69.7	37.4	290.2	837.7
6,691.2	6,159.1	5,075.4	4,267.0	4,340.3	26,533.0	62,510.5
13.6	13.7	13.7	13.7	13.7	68.4	474.1
428.8	430.0	411.9	381.2	325.9	1,977.7	4,764.8
592.4	566.2	574.7	584.5	575.1	2,892.8	7,572.8
1,021.1	996.1	986.6	965.7	901.0	4,870.6	12,337.6
12,604.3	11,684.8	9,659.3	8,716.5	7,688.2	50,353.1	129,127.1
2,409.3	2,311.7	2,350.8	2,276.9	2,796.4	12,145.0	13,372.9
15,013.6	13,996.5	12,010.0	10,993.4	10,484.5	62,498.1	142,500.0

1.3 Investments by investment type and by year

2022-2032 QIP investments

by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars)

2022-2032 QIP						
Investment type	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal 2022-2027
Infrastructure maintenance						
Asset maintenance ¹	3,777.1	4,213.8	4,128.3	3,794.7	4,030.2	19,944.1
AMD management	2,105.6	2,131.4	2,620.8	2,997.0	2,699.3	12,554.2
Replacement	1,924.8	1,995.9	2,099.5	2,252.2	1,657.7	9,930.2
Studies	31.5	50.7	31.3	2.5	—	115.9
Subtotal	7,839.0	8,391.8	8,879.9	9,046.4	8,387.2	42,544.4
Infrastructure enhancement						
Addition and improvement	7,155.6	7,506.6	7,501.0	7,081.4	6,378.2	35,622.8
Studies	82.4	101.1	122.1	281.6	19.6	606.8
Subtotal	7,238.0	7,607.7	7,623.1	7,363.0	6,397.8	36,229.7
Central envelope ²	10.0	—	—	—	1,217.8	1,227.8
Total	15,087.0	15,999.5	16,503.0	16,409.5	16,002.9	80,001.9

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 These funds, along with those allocated for replacement, may be used to reduce the AMD.

2 Refer to heading 1.4 of section A.

2022-2032 QIP							2021-2031 QIP
2027-2028	2028-2029	2029-2030	2030-2031	2031-2032	Subtotal 2027-2032	Total	Total
3,677.2	3,937.2	3,631.6	3,969.0	3,536.0	18,751.0	38,695.0	40,426.0
2,531.2	2,264.5	1,794.9	1,253.9	1,110.7	8,955.1	21,509.3	21,682.9
1,345.7	1,091.6	932.2	936.8	1,067.2	5,373.5	15,303.7	11,346.8
–	–	–	–	–	–	115.9	69.0
7,554.0	7,293.3	6,358.7	6,159.7	5,713.8	33,079.6	75,624.0	73,524.6
5,050.3	4,391.5	3,300.5	2,556.8	1,974.3	17,273.5	52,896.3	48,101.5
–	–	–	–	–	–	606.8	761.3
5,050.3	4,391.5	3,300.5	2,556.8	1,974.3	17,273.5	53,503.1	48,862.8
2,409.3	2,311.7	2,350.8	2,276.9	2,796.4	12,145.0	13,372.9	12,612.6
15,013.6	13,996.5	12,010.0	10,993.4	10,484.5	62,498.1	142,500.0	135,000.0

1.4 Investments by mission, sector and by investment type

2022-2032 QIP investments by mission, sector and by type

(contribution of the Gouvernement du Québec, in millions of dollars)

Mission and sector	2022-2032 QIP				
	Infrastructure maintenance				Subtotal
	Asset maintenance ¹	Management of the AMD	Replacement	Studies	
Health and social services					
Health and social services	2,896.5	1,422.7	6,234.0	40.1	10,593.3
Education and culture					
Education	5,081.5	5,867.3	2,214.3	–	13,163.0
Higher education	3,009.6	1,807.2	1,076.1	1.5	5,894.3
Culture	989.9	108.4	303.4	–	1,401.8
Development of sport	89.1	–	10.0	–	99.1
Subtotal	9,170.1	7,782.9	3,603.7	1.5	20,558.2
Economy and environment					
Road network	10,737.2	11,110.5	1,565.4	49.3	23,462.3
Public transit	1,521.7	–	1,048.3	–	2,570.0
Marine, air, rail and other transportation	1,711.2	71.9	100.7	4.1	1,887.8
Municipalities	4,839.8	–	1,599.1	–	6,439.0
Tourism and recreational activities	520.6	283.6	2.1	–	806.3
Social and community housing	1,409.1	393.3	24.1	–	1,826.5
Northern development	294.9	–	–	–	294.9
Research	–	–	–	–	–
Environment	587.0	63.3	103.0	–	753.3
Agriculture, forests, fauna and other	238.3	–	–	–	238.3
Subtotal	21,859.8	11,922.6	4,442.6	53.4	38,278.4
Support for individuals and families					
Educational childcare services	108.0	–	–	–	108.0
Administration and justice					
Government administration	1,777.7	381.1	423.7	21.0	2,603.4
Information resources	2,883.0	–	599.7	–	3,482.7
Subtotal	4,660.6	381.1	1,023.3	21.0	6,086.1
Subtotal – Sector envelopes	38,695.0	21,509.3	15,303.7	115.9	75,624.0
Central envelope ²	3,309.8	–	–	5.0	3,314.8
Total	42,004.9	21,509.3	15,303.7	120.9	78,938.8

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 These funds, along with those allocated for replacement, may be used to reduce the AMD.

2 Refer to heading 1.4 of section A.

2022-2032 QIP				2021-2031 QIP		
Infrastructure enhancement			Total	Infrastructure maintenance	Infrastructure enhancement	Total
Addition and improvement	Studies	Subtotal				
12,135.3	25.6	12,160.9	22,754.2	9,243.7	11,307.5	20,551.2
7,933.9	19.2	7,953.1	21,116.1	12,973.2	7,937.3	20,910.5
1,231.5	15.6	1,247.1	7,141.5	5,876.3	609.5	6,485.8
715.7	–	715.7	2,117.4	1,303.6	716.1	2,019.7
576.7	–	576.7	675.8	38.8	692.5	731.3
10,457.7	34.8	10,492.6	31,050.8	20,191.8	9,955.5	30,147.3
6,910.2	300.1	7,210.3	30,672.6	23,518.5	4,812.3	28,330.8
10,602.5	223.1	10,825.6	13,395.6	2,969.5	9,860.8	12,830.3
1,755.9	0.2	1,756.2	3,644.0	1,740.2	1,831.5	3,571.7
1,009.4	–	1,009.4	7,448.3	6,757.8	811.7	7,569.5
449.2	4.3	453.5	1,259.8	790.1	423.5	1,213.6
714.0	–	714.0	2,540.5	1,423.6	1,220.6	2,644.2
508.8	5.0	513.8	808.6	291.2	608.2	899.4
1,000.8	–	1,000.8	1,000.8	–	984.0	984.0
149.2	–	149.2	902.5	747.3	210.1	957.4
599.4	–	599.4	837.7	231.6	691.9	923.5
23,699.4	532.7	24,232.1	62,510.5	38,469.9	21,454.6	59,924.4
366.1	–	366.1	474.1	91.8	263.2	355.0
2,147.6	13.8	2,161.4	4,764.8	2,139.4	2,058.4	4,197.9
4,090.2	–	4,090.2	7,572.8	3,388.1	3,823.6	7,211.7
6,237.8	13.8	6,251.5	12,337.6	5,527.5	5,882.0	11,409.6
52,896.3	606.8	53,503.1	129,127.1	73,524.6	48,862.8	122,387.4
10,053.1	5.0	10,058.1	13,372.9	3,734.2	8,878.4	12,612.6
62,949.4	611.8	63,561.2	142,500.0	77,258.9	57,741.1	135,000.0

1.5 Authorized and announced projects of \$20 million or more and other 2022-2032 QIP investments by mission, sector and by project and envelope

Authorized and announced projects of \$20 million or more and other 2022-2032 QIP Investments by mission, sector and by project and envelope
(contribution of the Gouvernement du Québec, in millions of dollars)

Investments for authorized projects of \$20 million or more ¹								
Mission and sector	In progress		In planning		Under study ²		Subtotal	
	Number	Contribution	Number	Contribution	Number	Contribution	Number	Contribution
Health and social services								
Health and social services	53	4,371.0	46	6,859.5	17	75.1	116	11,305.6
Education and culture								
Education	67	3,265.0	101	3,799.7	8	10.0	176	7,074.7
Higher education	11	231.5	10	1,140.3	11	12.2	32	1,384.0
Culture	4	111.4	10	319.6	–	–	14	431.0
Development of sport	4	16.8	7	56.5	–	–	11	73.3
Subtotal	86	3,624.7	128	5,316.1	19	22.2	233	8,963.0
Economy and environment								
Road network	52	7,011.7	49	8,323.8	12	137.2	113	15,472.7
Public transit	27	1,780.4	24	8,341.6	6	304.1	57	10,426.1
Marine, air, rail and other transportation	9	215.8	15	707.6	4	5.1	28	928.5
Municipalities	8	98.3	8	175.8	–	–	16	274.1
Tourism and recreational activities	10	198.8	5	297.3	2	4.3	17	500.4
Social and community housing	–	–	–	–	–	–	–	–
Northern development	4	95.0	2	71.3	1	5.0	7	171.3
Research	3	38.5	1	ND	–	–	4	38.5
Environment	5	67.6	3	58.8	–	–	8	126.4
Agriculture, forests, fauna and other	–	–	–	–	–	–	–	–
Subtotal	118	9,506.1	107	17,976.2	25	455.7	250	27,938.0
Support for individuals and families								
Educational childcare services	–	–	–	–	–	–	–	–
Administration and justice								
Government administration	13	444.5	5	574.9	4	101.7	22	1,121.1
Information resources	9	224.4	8	615.3	2	57.0	19	896.7
Subtotal	22	668.9	13	1,190.2	6	158.7	41	2,017.8
Subtotal – Sector envelopes	279	18,170.7	294	31,342.0	67	711.7	640	50,224.4
Central envelope ⁵								
Total	279	18,170.7	294	31,342.0	67	711.7	640	50,224.4

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 A list of projects of \$20 million or more is provided for each sector, according to progress status and government authorizations received.

2 The contribution from the Gouvernement du Québec to projects under study corresponds to the planned investments included in the QIP for project studies to be carried out under the *Directive sur la gestion des projets majeurs d'infrastructure publique*.

3 This heading covers contributions from the Gouvernement du Québec to authorized projects of less than \$20 million, to new projects awaiting authorization and to certain authorized projects of \$20 million or more regarding which some information must remain confidential due to current or future calls for tender.

4 These investment envelopes correspond to the amounts to be allocated to new non-major projects, mainly for infrastructure maintenance.

5 Refer to heading 1.4 of section A.

Other investments				Total
Other projects ³	Envelopes for infrastructure maintenance ⁴	Envelopes for infrastructure enhancement ⁴	Subtotal	
584.2	8,558.1	2,306.4	11,448.6	22,754.2
976.1	11,564.3	1,501.0	14,041.4	21,116.1
184.7	5,225.9	346.8	5,757.5	7,141.5
122.3	1,350.9	213.2	1,686.4	2,117.4
57.7	59.8	485.0	602.5	675.8
1,340.7	18,200.9	2,546.1	22,087.8	31,050.8
1,473.4	12,441.4	1,285.1	15,199.9	30,672.6
1,045.4	884.2	1,039.9	2,969.5	13,395.6
724.1	1,012.3	979.2	2,715.5	3,644.0
77.5	6,285.4	811.4	7,174.2	7,448.3
139.8	348.1	271.4	759.4	1,259.8
0.2	1,826.3	714.0	2,540.5	2,540.5
311.9	94.3	231.2	637.3	808.6
326.9	–	635.4	962.3	1,000.8
40.9	687.2	48.0	776.1	902.5
22.3	231.0	584.4	837.7	837.7
4,162.4	23,810.1	6,600.0	34,572.5	62,510.5
4.0	108.0	362.0	474.1	474.1
520.4	1,635.4	1,487.9	3,643.7	4,764.8
6.6	3,394.9	3,274.7	6,676.1	7,572.8
527.0	5,030.3	4,762.5	10,319.8	12,337.6
6,618.4	55,707.4	16,577.0	78,902.7	129,127.1
12,773.3	599.6	–	13,372.9	13,372.9
19,391.7	56,306.9	16,577.0	92,275.6	142,500.0

1.6 Investments by mission, sector and by administrative region

2022-2032 QIP investments

by mission, sector and by administrative region

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Region ¹	01	02	03	04	05	06	07	08
Mission and sector								
Health and social services								
Health and social services	426.9	719.6	3,441.5	643.7	910.4	6,145.8	575.9	415.3
Education and culture								
Education	475.5	550.4	1,450.4	500.0	596.5	5,326.9	689.5	339.7
Higher education	152.3	167.0	849.1	186.1	388.1	3,771.6	166.5	86.2
Culture	49.2	61.9	294.9	73.3	60.5	876.3	56.5	52.3
Development of sport	13.7	20.6	51.4	19.0	33.9	177.2	24.3	17.8
Economy and environment								
Road network	885.8	1,007.1	3,070.9	909.8	510.5	9,305.2	781.0	451.1
Public transit	4.4	58.9	2,835.5	33.5	135.6	8,540.0	506.5	3.6
Marine, air, rail and other transportation	84.5	100.0	868.7	82.2	154.2	398.2	116.3	28.5
Municipalities	172.7	212.0	622.2	162.5	256.8	1,846.3	257.6	140.5
Tourism and recreational activities	26.3	46.0	226.0	24.0	37.7	597.0	36.0	20.4
Social and community housing	79.2	100.5	212.4	76.1	74.3	710.0	100.5	45.9
Northern development	–	0.5	9.7	–	–	8.7	–	–
Research	15.2	33.5	93.7	75.8	115.4	272.6	27.8	10.6
Environment	53.8	61.8	419.7	24.1	22.4	44.9	7.7	41.5
Agriculture, forests, fauna and other	95.7	34.3	234.1	23.4	14.1	42.1	22.9	34.8
Support for individuals and families								
Educational childcare services	11.2	15.7	41.4	15.2	20.4	114.4	21.9	8.4
Administration and justice								
Government administration	49.3	110.2	1,350.0	92.9	112.0	1,473.1	100.9	116.3
Information resources	158.0	224.8	1,261.3	215.8	262.4	1,796.9	315.0	116.9
Subtotal	2,753.8	3,524.9	17,332.9	3,157.5	3,705.0	41,447.2	3,806.7	1,929.7
As a percentage	2.1	2.7	13.4	2.4	2.9	32.1	2.9	1.5
Central envelope (not broken down) ²	–	–	–	–	–	–	–	–
Total	2,753.8	3,524.9	17,332.9	3,157.5	3,705.0	41,447.2	3,806.7	1,929.7

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 Sector-based investment envelopes not associated with a specific project were distributed among the various regions, according to each region's share of the Québec population.

2 Refer to heading 1.4 of section A.

Legend:

01: Bas-Saint-Laurent
02: Saguenay–Lac-Saint-Jean
03: Capitale-Nationale
04: Mauricie
05: Estrie
06: Montréal

07: Outaouais
08: Abitibi-Témiscamingue
09: Côte-Nord
10: Nord-du-Québec
11: Gaspésie–Îles-de-la-Madeleine
12: Chaudière-Appalaches

13: Laval
14: Lanaudière
15: Laurentides
16: Montérégie
17: Centre-du-Québec

09	10	11	12	13	14	15	16	17	Outside Québec	Total
434.6	1,018.5	322.9	1,003.0	367.0	1,106.9	1,343.4	3,502.2	376.6		22,754.2
215.3	428.2	227.0	868.4	1,227.4	1,134.8	1,910.6	4,573.2	602.2		21,116.1
32.8	13.8	30.2	139.9	156.6	166.8	203.4	520.3	110.8		7,141.5
21.6	6.9	54.3	51.7	91.9	67.8	61.8	186.6	50.0		2,117.4
6.3	3.2	8.2	30.3	39.2	34.4	50.1	129.3	16.9		675.8
1,069.7	115.7	626.7	1,243.9	1,704.3	1,236.5	1,718.6	5,057.4	978.5		30,672.6
2.6	1.3	2.1	170.7	363.5	31.5	43.0	656.6	6.3		13,395.6
161.7	193.8	440.1	350.2	44.8	84.1	59.9	375.5	101.2		3,644.0
77.4	165.0	78.2	561.5	429.6	357.3	492.4	1,452.0	164.3		7,448.3
6.8	3.4	12.1	12.3	12.3	39.0	57.9	76.1	26.6		1,259.8
40.4	380.6	43.2	97.0	68.3	73.8	97.5	273.4	67.2		2,540.5
372.1	417.7	—	—	—	—	—	—	—		808.6
23.7	3.0	32.4	35.2	33.7	43.1	45.6	121.8	17.7		1,000.8
15.2	3.6	13.0	63.8	31.8	12.8	28.0	53.8	4.6		902.5
39.8	66.1	19.8	12.8	11.5	16.1	20.1	137.0	13.1		837.7
5.4	3.7	5.4	23.9	24.1	28.4	33.8	86.6	14.0		474.1
53.1	130.8	88.3	139.8	131.2	96.5	136.9	449.5	62.9	70.9	4,764.8
78.6	37.0	75.3	344.4	347.4	407.2	489.8	1,243.4	195.3	3.2	7,572.8
2,657.2	2,992.1	2,079.3	5,149.0	5,084.6	4,937.1	6,792.8	18,894.8	2,808.2	74.1	129,127.1
2.1	2.3	1.6	4.0	3.9	3.8	5.3	14.6	2.2	0.1	100.0
—	—	—	—	—	—	—	—	—	—	13,372.9
2,657.2	2,992.1	2,079.3	5,149.0	5,084.6	4,937.1	6,792.8	18,894.8	2,808.2	74.1	142,500.0

2. Planned investments by sector

Planned investments included in the 2022-2032 QIP are divided into 18 major sectors of government activity.

Government activity sectors in the 2022-2032 QIP
<p>Health and social services</p> <p>1. Health and social services: establishments in the health and social services network</p> <p>Education and culture</p> <p>2. Education: establishments in the school service centres¹</p> <p>3. Higher education: CEGEPs and universities</p> <p>4. Culture: museums, libraries, performance halls, cultural complexes</p> <p>5. Development of sport: sports complexes and equipment</p> <p>Economy and environment</p> <p>6. Road network: autoroutes, roads, tunnels, bridges, interchanges and overpasses</p> <p>7. Public transit: métro, buses, commuter trains, tramways, platforms, stations, garages, maintenance centres, reserved lanes, tunnels, railways</p> <p>8. Marine, air, rail and other transportation: ferries, wharves, stations, airports, railways, local roads, rest stops, government vehicle fleet</p> <p>9. Municipalities: drinking water and wastewater treatment plants, water and sewer pipes, parks and municipal infrastructure, adapting to climate change program</p> <p>10. Tourism and recreational activities: tourism facilities and complexes, conferences centres, national park facilities</p> <p>11. Social and community housing</p> <p>12. Northern development: infrastructure funded by the Société du Plan Nord</p> <p>13. Research: laboratories, research equipment and centres</p> <p>14. Environment: biomethanization and composting plants, public and municipal dams, as well as infrastructure for mitigating risks associated with coastal erosion and submergence and climate change</p> <p>15. Agriculture, forests, fauna and other: agricultural training and research facilities, multi-use roads on public land, digital infrastructure across Québec</p>

¹ In addition to the 61 school service centres, there's 11 school boards.

Support for individuals and families

16. Educational childcare services: childcare centre establishments

Administration and justice

17. Government administration: office buildings, courthouses, detention facilities, Sûreté du Québec police stations, movable and immovable property acquired by government departments and bodies

18. Information resources: information resource development and equipment in the various government departments and bodies as well as in the health and social services, education and higher education networks

The following pages provide, for each of the 18 sectors, a summary table of investments and a list of authorized and announced projects with an estimated cost of \$20 million or more for which planned investments are included in the 2022-2032 QIP. The first eight notes at the bottom of each table in the project lists are the same for the first 17 sectors. Accordingly, some notes may not apply to a particular sector. Furthermore, subsequent notes are specific to each sector.

Moreover, in the case of sectors associated with public bodies, portrait of infrastructure and investment strategies are also provided.

- The Tableau de bord des projets d'infrastructures also provides project descriptions and additional information in the case of projects with an estimated cost of \$20 million or more.² The lists provide the Tableau de bord (#TB) number for each project.
- Accessible online, the Tableau de bord des projets en ressources informationnelles du gouvernement du Québec provides additional details on information resource projects.³

The legend for Québec's 17 administrative regions is as follows:

01: Bas-Saint-Laurent
02: Saguenay–Lac-Saint-Jean
03: Capitale-Nationale
04: Mauricie
05: Estrie
06: Montréal

07: Outaouais
08: Abitibi-Témiscamingue
09: Côte-Nord
10: Nord-du-Québec
11: Gaspésie–Îles-de-la-Madeleine
12: Chaudière-Appalaches

13: Laval
14: Lanaudière
15: Laurentides
16: Montérégie
17: Centre-du-Québec

² SECRÉTARIAT DU CONSEIL DU TRÉSOR, *Tableau de bord des projets d'infrastructures*, [online: <https://www.tresor.gouv.qc.ca/infrastructures-publiques/tableau-de-bord/>].

³ GOUVERNEMENT DU QUÉBEC, *Tableau de bord des projets en ressources informationnelles*, [online: <https://www.tableaubordprojetsri.gouv.qc.ca/tableau-de-bord/>].



2.1 Health and social services

2.1.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	218.3	173.3	349.9	319.8	294.8	1,356.1	1,580.5	2,936.6	12.9	3,664.6	17.8
AMD management	177.4	177.4	177.4	177.4	177.4	887.1	535.6	1,422.7	6.3	1,200.2	5.8
Replacement	606.2	743.1	915.4	843.5	667.3	3,775.5	2,458.5	6,234.0	27.4	4,378.8	21.3
Subtotal	1,001.9	1,093.8	1,442.7	1,340.8	1,139.5	6,018.7	4,574.6	10,593.3	46.6	9,243.7	45.0
Infrastructure enhancement											
	1,596.4	1,652.4	1,494.3	1,678.5	1,975.3	8,396.8	3,764.1	12,160.9	53.4	11,307.5	55.0
Total	2,598.3	2,746.2	2,937.0	3,019.2	3,114.8	14,415.5	8,338.7	22,754.2	100.0	20,551.2	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.1.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec										
Name	# TB	# MDAA	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022-2023	2023-2032	Total			
Maisons des aînés et alternatives										
1 Maisons des aînés et alternatives – Bas-Saint-Laurent – Construction	759	2	01	49.1	32.9	45.2	78.1	127.2	–	127.2
2 Maisons des aînés et alternatives – Saguenay–Lac-Saint-Jean – Construction	744	3	02	75.6	67.7	78.3	146.0	221.6	–	221.6
3 Maisons des aînés et alternatives – Capitale-Nationale – Construction	745	4	03	78.0	62.9	67.0	129.9	207.9	–	207.9
4 Maisons des aînés et alternatives – Mauricie et Centre-du-Québec – Construction	746	3	04-17	64.2	48.8	51.0	99.7	163.9	–	163.9
5 Maisons des aînés et alternatives – Estrie – Construction	747	4	05	74.0	55.6	55.1	110.7	184.7	–	184.7
6 Maisons alternatives – Montréal – Construction	748	2	06	33.0	26.5	36.6	63.1	96.1	–	96.1
7 Maisons des aînés et alternatives – Outaouais – Construction	749	2	07	33.5	27.2	37.3	64.5	98.0	–	98.0
8 Maisons des aînés et alternatives – Abitibi-Témiscamingue – Construction	750	2	08	28.9	17.4	37.2	54.6	83.5	–	83.5

Contribution from Québec										
Name	# TB	# MDAA	Region	Before 2022- 2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022- 2023	2023- 2032	Total			
9 Maisons des aînés et alternatives – Côte–Nord – Construction	751	2	09	33.6	27.3	37.6	64.9	98.5	–	98.5
10 Maison des aînés et alternative – Gaspésie – Construction	760	1	11	16.2	9.5	18.6	28.1	44.3	–	44.3
11 Maison des aînés – Îles-de-la-Madeleine – Construction	761	1	11	6.5	5.5	27.5	33.0	39.5	–	39.5
12 Maisons des aînés et alternatives – Chaudière-Appalaches – Construction	752	3	12	60.5	45.6	48.2	93.8	154.3	–	154.3
13 Maisons des aînés et alternatives – Laval – Construction	753	2	13	47.6	33.6	36.5	70.1	117.7	–	117.7
14 Maisons des aînés et alternatives – Lanaudière – Construction	754	3	14	45.1	34.9	41.6	76.4	121.5	–	121.5
15 Maisons des aînés et alternatives – Laurentides – Construction	755	5	15	79.7	65.3	69.3	134.6	214.3	–	214.3
16 Maisons des aînés et alternatives – Montérégie-Centre – Construction	757	2	16	61.0	54.3	51.1	105.4	166.4	–	166.4
17 Maisons des aînés et alternatives – Montérégie-Est – Construction	758	3	16	66.1	48.6	48.6	97.2	163.3	–	163.3
18 Maisons des aînés et alternatives – Montérégie-Ouest – Construction	756	2	16	53.9	34.9	48.0	82.8	136.7	–	136.7
Subtotal – Maisons des aînés et alternatives		46 MDAA		906.5	698.5	834.7	1,532.9	2,439.4	–	2,439.4

Contribution from Québec											
Name	# TB	Notes	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost	
					2022-2023	2023-2032	Total				
Other projects											
19	Hôpital régional de Rimouski, pavillon d'enseignement – Construction	452	2	01	7.3	5.0	28.5	33.5	40.8	–	40.8
20	Villa Fraserville, centre jeunesse – Rivière-du-Loup – Agrandissement et réaménagement	434		01	21.0	0.5	–	0.5	21.5	–	21.5
21	Hôpital de Dolbeau-Mistassini, bloc opératoire et unité – Agrandissement et réaménagement	582		02	2.6	2.0	45.4	47.4	50.0	–	50.0
22	Hôpital de l'Enfant-Jésus, complexe hospitalier – Construction et réaménagement	77	1	03	1,026.5	200.0	662.9	862.9	1,889.4	78.1	1,967.5
23	Institut universitaire de cardiologie et de pneumologie de Québec – Unité de retraitement des dispositifs médicaux – Agrandissement et réaménagement	657		03	8.6	12.5	–	12.5	21.1	3.0	24.1
24	Centre mère-enfant Soleil, services de neurologie pédiatrique – Québec – Agrandissement et réaménagement	820	4	03	9.4	1.1	6.6	7.7	17.1	4.5	21.6
25	Institut universitaire de cardiologie et de pneumologie de Québec, bloc opératoire – Agrandissement et réaménagement	449		03	17.2	3.2	–	3.2	20.4	–	20.4
26	Hôpital Fleurimont, centre mère-enfant et service d'urgence – Sherbrooke – Construction	145		05	71.9	24.9	235.5	260.4	332.3	12.0	344.3
27	Maison des aînés (ancien CHSLD) – Lac-Mégantic – Construction	602		05	2.1	12.9	70.0	82.9	85.0	–	85.0
28	Hôpital de Verdun, unités de soins et soins ambulatoires – Montréal – Agrandissement et réaménagement	109		06	29.5	19.8	215.5	235.4	264.9	–	264.9
29	Institut de cardiologie de Montréal, urgence, soins ambulatoires et centre de formation – Agrandissement et réaménagement	89	1	06	174.2	38.1	16.0	54.1	228.3	29.6	257.9
30	Hôpital de Lachine – Montréal – Agrandissement et réaménagement	151		06	6.6	5.0	208.4	213.4	220.0	3.0	223.0

Name	# TB	Notes	Region	Contribution from Québec				Total	Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
31 Hôpital du Sacré-Cœur de Montréal, traumatologie et unité mère-enfant – Agrandissement et réaménagement	90	1	06	132.4	10.3	–	10.3	142.7	12.4	155.1
32 Hôpital Santa Cabrini, bloc opératoire – Montréal – Agrandissement et réaménagement	311		06	2.4	19.1	64.8	83.9	86.3	10.0	96.3
33 Maison des aînés et alternative spécialisée (ancien CHSLD Henri-Bradet) – Montréal – Agrandissement et réaménagement	603		06	0.7	2.0	82.3	84.3	85.0	–	85.0
34 Centre de réadaptation pour les jeunes en difficulté d'adaptation Dominique-Savio – Montréal – Agrandissement et réaménagement	573		06	12.1	12.0	25.9	37.9	50.0	–	50.0
35 Hôpital Notre-Dame, unité famille-naissance – Montréal – Réaménagement	494		06	13.5	7.4	3.1	10.5	24.1	–	24.1
36 Maison des aînés et alternative (ancien CHSLD) – Maniwaki – Construction	439		07	2.3	8.0	59.7	67.7	70.0	–	70.0
37 Maison des aînés et alternative spécialisée (ancien CHSLD) – Macamic – Construction	431		08	1.2	14.9	48.9	63.8	65.0	–	65.0
38 Pavillon Sainte-Famille – Ville-Marie – Agrandissement et réaménagement	290	1	08	50.9	5.6	–	5.6	56.4	–	56.4
39 Maison des aînés et alternative (ancien CHSLD) – Palmarolle – Construction	509		08	0.1	0.8	19.2	19.9	20.0	–	20.0
40 Maison des aînés et alternative – Chisasibi – Construction	831	4	10	–	2.1	45.3	47.4	47.4	–	47.4
41 Maison des aînés et alternative – Waskaganish – Construction	833	4	10	–	1.2	40.3	41.6	41.6	–	41.6
42 Maison des aînés et alternative – Mistissini – Construction	832	4	10	–	0.7	37.3	38.0	38.0	–	38.0
43 Complexe d'hébergement, 80 logements – Chisasibi – Construction	840	4	10	7.0	4.9	23.7	28.6	35.5	–	35.5
44 Maison des aînés (ancien CHSLD du Rocher-Percé) – Chandler – Agrandissement	445		11	0.5	2.0	57.5	59.5	60.0	–	60.0

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			Total
45 Hôpital de Thetford Mines, urgence – Réaménagement et agrandissement	583	2	12	4.3	7.3	22.4	29.7	34.0	0.4	34.4
46 Hôtel-Dieu de Lévis, pavillon d'enseignement – Construction	451	2	12	7.2	5.0	14.8	19.8	27.0	–	27.0
47 Maison des aînés (ancien CHSLD) – Sainte-Élisabeth – Construction	572	2	14	6.4	5.0	36.3	41.3	47.7	0.7	48.4
48 Centre de réadaptation pour jeunes en difficulté – Sainte-Thérèse – Construction	91	2	15	5.1	6.6	138.8	145.4	150.5	–	150.5
49 Hôpital régional de Saint-Jérôme, santé mentale – Construction	46		15	93.0	9.4	8.1	17.5	110.4	–	110.4
50 Hôpital Honoré-Mercier, urgence – Saint-Hyacinthe – Agrandissement et réaménagement	309		16	36.5	15.0	17.5	32.5	69.1	–	69.1
51 Laboratoire serveur Optilab – Longueuil – Construction	448		16	0.5	1.8	65.2	67.0	67.5	–	67.5
52 Centre d'accueil Marcelle-Ferron – Brossard – Agrandissement	851	4	16	–	1.0	48.3	49.3	49.3	–	49.3
53 Hôpital du Haut-Richelieu, centre mère-enfant et laboratoire de biologie médicale – Saint-Jean-sur-Richelieu – Réaménagement	881	4	16	1.1	5.0	17.7	22.7	23.8	5.0	28.8
Subtotal – Other projects				1,754.1	472.1	2,365.9	2,838.1	4,592.1	158.7	4,750.8
Total				2,660.6	1,170.6	3,200.6	4,371.0	7,031.5	158.7	7,190.2

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

	Name	# TB	Notes	Region
1	Hôpital de Chicoutimi, bloc opératoire – Saguenay – Agrandissement	232	3	02
2	Hôpital et centre de réadaptation de Jonquière, urgence – Agrandissement et réaménagement	606		02
3	Hôpital de La Malbaie, urgence et unités de soins – Agrandissement et réaménagement	94		03
4	Hôpital Saint-François d'Assise, santé mentale (phase I) – Québec – Agrandissement et réaménagement	608		03
5	Institut universitaire de cardiologie et de pneumologie de Québec, unité de soins – Construction	882	5	03
6	Maison des aînés (ancien CHSLD Saint-Augustin) – Québec – Reconstruction	308		03
7	Laboratoire serveur Optilab, pavillon Sainte-Marie – Trois-Rivières – Réaménagement et agrandissement	658		04
8	Laboratoire serveur Optilab – Sherbrooke – Construction	450		05
9	Centre d'hébergement Notre-Dame-de-la-Merci – Montréal – Réaménagement	443		06
10	Centre hospitalier de St. Mary, unités de soins – Montréal – Reconstruction et réaménagement	237	3	06
11	Centres de la jeunesse et de la famille Batshaw, campus Beaconsfield – Construction	600		06
12	Hôpital du Sacré-Cœur de Montréal, médecine nucléaire et ajout d'un tomographe par émission de positrons – Agrandissement	441		06
13	Hôpital Fleury, urgence – Montréal – Agrandissement et réaménagement	291		06
14	Hôpital général juif (phase IV) – Montréal – Réaménagement	236		06
15	Hôpital Maisonneuve-Rosemont – Montréal – Construction, agrandissement et réaménagement	234	3	06
16	Hôpital Notre-Dame, services de santé mentale et dépendance – Montréal – Réaménagement	607		06
17	Maison des aînés (ancien CHSLD Benjamin-Victor-Rousselot) – Montréal – Construction	576		06
18	Maison des aînés (ancien CHSLD Denis-Benjamin-Viger) – Montréal – Reconstruction et agrandissement	571		06
19	Maison des aînés (ancien CHSLD Dorval) – Dorval – Construction	575		06
20	Maison des aînés (ancien CHSLD Grace Dart) – Montréal – Reconstruction et agrandissement	574		06
21	Maison des aînés (ancien CHSLD Jeanne-Le Ber 1) – Montréal – Reconstruction et agrandissement	577		06
22	Maison des aînés (ancien CHSLD Jeanne-Le Ber 2) – Montréal – Reconstruction et agrandissement	578		06
23	Maison des aînés (ancien CHSLD LaSalle) – Montréal – Construction	570		06
24	Maison des aînés (ancien CHSLD Nicolet) – Montréal – Reconstruction et agrandissement	579		06
25	Centre d'hébergement de la Vallée-de-la-Lièvre – Gatineau – Agrandissement	447		07
26	Centre d'hébergement et de soins de longue durée des Collines – La Pêche – Agrandissement et réaménagement	883	5	07
27	Hôpital de Gatineau, unité de périnatalité – Réaménagement	440		07
28	Hôpital d'Amos, urgence et soins intensifs – Agrandissement et réaménagement	605		08
29	Hôpital de Sept-Îles, urgence et bloc opératoire – Agrandissement et réaménagement	310	3	09
30	Centre de santé d'Inuulitsivik et centre de santé Tulattavik, 62 logements – Nunavik – Construction	481		10
31	Centre de santé régional Eeyou-Eenou – Chisasibi – Construction	265	3	10
32	Centre Miyupimaatisiun communautaire – Oujé-Bougoumou – Construction	453		10
33	Centre Miyupimaatisiun communautaire – Waskaganish – Construction	454		10
34	Hôtel-Dieu de Lévis, blocs endoscopique et opératoire et services logistiques – Agrandissement et réaménagement	247	3	12
35	Maison des aînés (ancien CHSLD) – Montmagny – Construction	847	5	12
36	Laboratoire serveur Optilab – Laval – Construction	444		13
37	Hôpital Pierre-Le Gardeur, unité de soins – Terrebonne – Agrandissement et réaménagement	67		14
38	Maison des aînés (ancien CHSLD Parphilia-Ferland) – Saint-Charles-Borromée – Reconstruction et agrandissement	581		14
39	Maison des aînés (ancien CHSLD Saint-Eusèbe) – Joliette – Construction	580		14

	Name	# TB	Notes	Region
40	Hôpital de Mont-Laurier, soins de courte durée – Agrandissement et réaménagement	446		15
41	Hôpital régional de Saint-Jérôme, plateau technique chirurgical – Construction, agrandissement et réaménagement	250	3	15
42	Maison des aînés (ancien CHSLD) – Labelle – Reconstruction et agrandissement	533		15
43	Maison des aînés (ancien CHSLD) – Lachute – Construction	442		15
44	Centre hospitalier de Vaudreuil-Soulanges, complexe hospitalier – Construction	92		16
45	Hôpital Charles-Le Moyne, bloc opératoire et chirurgie d'un jour – Longueuil – Agrandissement et réaménagement	239		16
46	Hôtel-Dieu d'Arthabaska, urgence et bloc opératoire – Victoriaville – Agrandissement et réaménagement	205		17
Gouvernement du Québec contribution set out in the 2022-2032 QIP				\$6,859.5 M

Under study (projects of \$50.0 million or more)

	Name	# TB	Notes	Region
1	Hôpital régional de Rimouski, bloc opératoire et santé mentale – Maintien et bonification	88		01
2	Hôtel-Dieu de Québec – Maintien	230		03
3	Hôpital du Centre-de-la-Mauricie, urgence – Shawinigan – Maintien et bonification	233		04
4	Centre hospitalier universitaire Sainte-Justine, centre de réadaptation Marie Enfant – Montréal – Maintien et bonification	813	6	06
5	Hôpital de réadaptation Villa Medica – Montréal – Bonification	814	6	06
6	Hôpital du Sacré-Cœur de Montréal, bloc opératoire et unités de soins (phase III) – Maintien et bonification	251		06
7	Hôpital général de Montréal, bloc opératoire et urgence – Maintien et bonification	249		06
8	Hôpital général du Lakeshore, urgence – Pointe-Claire – Maintien et bonification	235		06
9	Institut national de psychiatrie légale Philippe-Pinel – Montréal – Maintien et bonification	315		06
10	Institut universitaire en santé mentale Douglas – Montréal – Maintien	330		06
11	Centre hospitalier de l'Outaouais, complexe hospitalier – Bonification	287		07
12	Hôpital de la Cité-de-la-Santé – Laval – Maintien et bonification	238		13
13	Hôpital de Saint-Eustache, urgence et unités de soins – Maintien et bonification	264		15
14	Hôpital Charles-Le Moyne, santé mentale – Longueuil – Maintien et bonification	357		16
15	Hôpital du Suroît, urgence – Salaberry-de-Valleyfield – Maintien et bonification	945	6	16
16	Hôpital Pierre-Boucher, urgence et unités de soins – Longueuil – Maintien et bonification	240		16
17	Maison des aînés (ancien CHSLD Georges-Phaneuf) – Saint-Jean-sur-Richelieu – Maintien et bonification	815	6	16
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)				\$75.1 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes				\$11,448.6 M
Total for the sector				\$22,754.2 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Centre d'hébergement et de soins de longue durée – Wendake – Construction	466	9	03
2 Institut universitaire en santé mentale de Québec, centre de neurophotonique et animalerie – Réaménagement	435	8	03
3 Centre hospitalier universitaire Sainte-Justine, unités spécialisées et recherche – Montréal – Agrandissement et réaménagement	4	8	06
4 Hôpital Maisonneuve-Rosemont, hémodialyse – Montréal – Construction	71	8	06
5 Université McGill, faculté et unité de médecine familiale – Gatineau – Agrandissement	438	8	07
6 Hôpital de Rouyn-Noranda, radiothérapie – Agrandissement	177	8	08
7 Hôpital de Gaspé, urgence et soins intensifs – Agrandissement	432	8	11
8 Résidence Plaisance des Îles – Cap-aux-Meules – Construction	347	8	11
9 Buanderie du CISSS de Lanaudière – Joliette – Construction	437	8	14
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9 The scope of this project was reduced. The total estimated cost has fallen below the \$20.0 million threshold.			

2.1.3 Portrait of Infrastructure and Investment Strategies — Health and Social Services

Good condition (ABC)
87%

AMD
\$1,423 million

2022-2032 QIP
\$22,754 million

□ Portrait of infrastructure

The HSSN infrastructure portfolio includes 2,734 buildings and 16,996 specialized medical devices. Across Québec, there are:

- 577 hospitals, including short-term care centres, health care centres and psychiatric centres;
- 462 residential and long-term care centres (CHSLD);
- 176 rehabilitation centres;
- 181 youth centres;
- 190 local community service centres (CLSC);
- Another 1,105 buildings (staff and doctors' quarters, research centres, administrative spaces, warehouses, laundries and boiler rooms);
- 43 surplus buildings;
- 16,996 medical devices, including medical imaging, radiation therapy, medical biology, respiratory therapy and surgical devices.

□ 2022-2032 QIP investments

Total investments of more than \$22.7 billion are planned for the 2022-2032 QIP as follows:

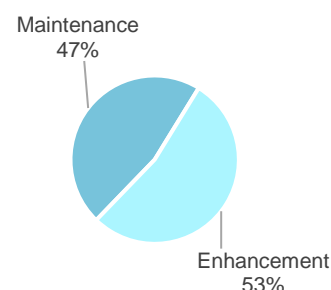
- \$10.4 billion for infrastructure maintenance, including:
 - \$2.8 billion to keep existing infrastructure in good condition;
 - \$1.4 billion to address the AMD;
 - \$6.2 billion to replace obsolete infrastructure;
- \$12.1 billion for new infrastructure to support development of health care services including the construction of new seniors' homes and alternative homes;
- \$0.2 billion for maintenance and enhancement for infrastructure of private long-term care centres under agreement.

Investments in the 2022-2032 QIP

by type

(contribution by the Gouvernement du Québec, in millions of dollars and as a percentage)

	HSSN	Other ¹	Total	%
Infrastructure Maintenance				
Asset Maintenance	2,787.6	149.0	2,936.6	
AMD management	1,422.7	–	1,422.7	
Replacement	6,234.0	–	6,234.0	
Subtotal	10,444.3	149.0	10,593.3	47
Infrastructure Enhancement	12,111.6	49.3	12,160.9	53
Total	22,555.9	198.3	22,754.2	100

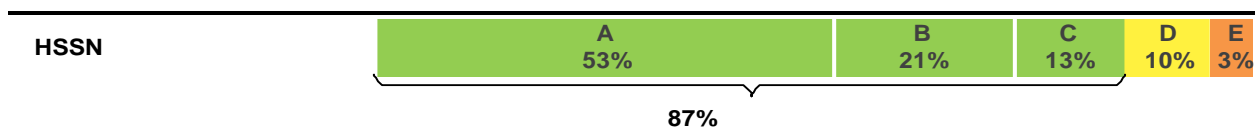


Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

¹ Investments for Private long-term care centres under agreement

❑ Investment strategy to maintain the infrastructure

Condition indicator



HSSN institutions' infrastructure management practices and investments in recent years have made it possible to maintain a significant portion of the overall infrastructure in good condition (87%). Therefore, while preserving infrastructure access and availability for care, timely asset maintenance investments could be made.

To maintain and preserve the current infrastructure portfolio in the years to come, intervention plans are foreseen to meet the following needs:

- Rebuild or renovate CHSLD in poor condition (GCI of D) and very poor condition (GCI E);
- Upgrade to standards several pipes to control lead and copper levels in drinking water;
- Continue restoring the facades of certain buildings;
- Modernize the most obsolete operating room and emergency departments;
- Implement the recommendations of the asbestos commission regarding the removal of asbestos of the components of certain buildings, primarily those built before 1980;
- Respond to the asset maintenance needs of indoor parking lots;
- Modernize, upgrade and refit existing buildings to make these spaces more functional.

❑ Investment strategy to address the AMD

Addressing the AMD



Investments of \$1.4 billion planned in the 2022-2032 QIP for the health and social service sector will make it possible to address 100% of the AMD currently listed for buildings and medical devices.

Over the next year, the MSSS and HSSN institutions will target, in their annual update of their triennial action plans, investments that will make it possible to reduce the AMD of buildings. The MSSS has set the following objective in this regard:

- By March 31, 2023, carry out at least \$271.5 million of work aimed at reducing the AMD listed on buildings.

As for the replacement of medical devices that have exceeded the predetermined standardized useful life, the MSSS has set the following objective:

- By March 31, 2023, replace at least \$152.9 million of equipment aimed at reducing the AMD listed on medical devices.

In order to ensure AMD management of the HSSN, the MSSS will use the following means:

- Participate with HSSN institutions in setting their AMD management targets;
- Support and oversee the HSSN institutions in order to ensure the control and monitoring of proper asset maintenance indicators;
- Promote group purchases of medical equipment, accelerate approvals for replacement projects by two years, and facilitate the hiring of new resources to hasten the acquisition processes.

❑ Investment strategy to enhance the infrastructure

The needs of Quebecers and the ways of delivering health care are changing rapidly. In the 2022-2032 QIP, the Government plans significant levels of investment to address it.

In the coming years, major investments will be made to undertake or continue several major projects, such as:

- The construction of 46 new seniors' homes and alternative homes totaling 3 480 places, allowing the creation of 3 054 new places and the reconstruction of 426 existing places in outdated CHSLD;
- The construction of new pavilions across the HSSN to implement new services and improve the quality of care provided;
- The expansion of emergency departments, ambulatory service units and operating rooms in hospitals.



2.2 Education

2.2.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	560.6	768.0	837.3	735.8	686.9	3,588.5	1,493.0	5,081.5	24.1	6,616.7	31.6
AMD management	561.9	516.9	585.5	774.3	957.3	3,395.9	2,471.3	5,867.3	27.8	5,204.3	24.9
Replacement	420.9	338.7	312.6	286.7	246.1	1,605.0	609.2	2,214.3	10.5	1,152.2	5.5
Subtotal	1,543.3	1,623.6	1,735.4	1,796.8	1,890.3	8,589.5	4,573.5	13,163.0	62.3	12,973.2	62.0
Infrastructure enhancement											
	1,062.0	1,247.0	1,423.9	1,609.4	716.0	6,058.3	1,894.8	7,953.1	37.7	7,937.3	38.0
Total	2,605.4	2,870.6	3,159.3	3,406.2	2,606.3	14,647.8	6,468.4	21,116.1	100.0	20,910.5	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.2.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022- 2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022- 2023	2023- 2032	Total			
1 École primaire du centre de services scolaire des Phares – Rimouski – Construction	458	2	01	4.1	2.6	38.3	40.9	44.9	–	44.9
2 École secondaire du centre de services scolaire des Premières-Seigneuries – Québec (arrondissement de Charlesbourg) – Construction	293	2	03	36.4	7.0	131.0	138.0	174.4	–	174.4
3 École primaire Félix-Antoine-Savard du centre de services scolaire de Charlevoix – La Malbaie – Reconstruction et agrandissement	601	2	03	7.5	10.6	34.6	45.2	52.6	0.5	53.1
4 École primaire du centre de services scolaire des Premières-Seigneuries – Québec (arrondissement de Charlesbourg) – Construction	677	2	03	2.4	4.3	31.7	36.0	38.4	–	38.4
5 École secondaire Joseph-François-Perrault du centre de services scolaire de la Capitale – Québec – Agrandissement	895	4	03	13.8	2.7	14.1	16.8	30.6	–	30.6
6 École primaire du centre de services scolaire de la Capitale – Québec – Construction	556	2	03	13.4	2.1	9.1	11.2	24.6	–	24.6

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
7 École primaire (A) du centre de services scolaire du Val-des-Cerfs – Granby – Construction	903	4	05	10.6	2.7	11.4	14.1	24.7	–	24.7
8 École secondaire du centre de services scolaire de la Pointe-de-l'Île – Montréal (arrondissement de Montréal-Nord) – Construction	297	2	06	26.6	3.4	241.0	244.4	271.0	–	271.0
9 École secondaire du centre de services scolaire de la Pointe-de-l'Île – Montréal (arrondissement d'Anjou) – Construction	296	2	06	21.4	3.1	217.9	221.0	242.4	–	242.4
10 École secondaire du centre de services scolaire Marguerite-Bourgeoys – Montréal (arrondissement de LaSalle) – Construction	294		06	38.0	3.3	111.8	115.1	153.1	0.8	153.9
11 École secondaire spécialisée Irénée-Lussier du centre de services scolaire de Montréal – Construction	370		06	8.2	5.9	63.0	68.9	77.1	–	77.1
12 École Le Tournesol du centre de services scolaire de la Pointe-de-l'Île – Montréal – Agrandissement	401	2	06	6.1	3.1	26.6	29.7	35.8	–	35.8
13 École primaire de la Fraternité du centre de services scolaire de la Pointe-de-l'Île – Montréal – Reconstruction et agrandissement	659	2	06	15.9	2.2	12.2	14.4	30.3	–	30.3
14 École primaire Saint-Louis du centre de services scolaire Marguerite-Bourgeoys – Pointe-Claire – Agrandissement	898	4	06	11.6	2.7	13.6	16.4	28.0	–	28.0
15 École primaire Saint-Rémi du centre de services scolaire Marguerite-Bourgeoys – Beaconsfield – Agrandissement	899	4	06	12.5	2.3	13.2	15.5	28.0	–	28.0
16 École secondaire Paul-Gérin-Lajoie-d'Outremont du centre de services scolaire Marguerite-Bourgeoys – Montréal – Agrandissement	892	4	06	12.0	3.0	12.0	15.0	27.1	–	27.1
17 École secondaire du centre de services scolaire de Montréal (arrondissement Rosemont–La Petite-Patrie) – Réaménagement	896	4	06	16.2	2.0	6.7	8.7	24.9	–	24.9
18 École secondaire Mont-Bleu du centre de services scolaire des Portages-de-l'Outaouais – Gatineau – Réfection	663	2	07	35.0	1.6	23.9	25.5	60.5	–	60.5
19 École secondaire du centre de services scolaire des Portages-de-l'Outaouais (secteur de l'Amérique-française) – Gatineau – Construction	379	2	07	49.2	2.6	–	2.6	51.8	–	51.8

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
20 École primaire du centre de services scolaire des Portages-de-l'Outaouais (secteur Hull) – Gatineau – Construction	593	1-2	07	27.1	1.4	–	1.4	28.5	–	28.5
21 École primaire du centre de services scolaire au Cœur-des-Vallées – L'Ange-Gardien – Construction	900	4	07	12.7	3.5	8.2	11.7	24.4	–	24.4
22 École secondaire de la commission scolaire crie – Chisasibi – Construction	504	2	10	2.1	2.0	34.2	36.2	38.3	114.9	153.3
23 École primaire de la commission scolaire crie – Chisasibi – Construction	609		10	9.6	1.3	6.4	7.7	17.3	52.0	69.3
24 Polyvalente de Saint-Georges du centre de services scolaire de la Beauce-Etchemin – Saint-Georges – Agrandissement	400	2	12	7.6	3.2	25.2	28.4	36.1	6.5	42.6
25 École primaire l'Accueil du centre de services scolaire de la Beauce-Etchemin – Scott – Reconstruction et agrandissement	660	2	12	13.3	1.6	11.6	13.3	26.6	–	26.6
26 École primaire du centre de services scolaire des Navigateurs – Saint-Apollinaire – Construction	592	1-2	12	22.6	1.2	–	1.2	23.8	–	23.8
27 École secondaire du centre de services scolaire de Laval (secteur de Pont-Viau) – Construction	307		13	38.4	6.3	184.8	191.1	229.5	–	229.5
28 École Cunard du centre de services scolaire de Laval – Réaménagement	703	2	13	4.5	6.7	53.8	60.5	65.0	1.7	66.7
29 École spécialisée du centre de services scolaire de Laval – Construction	387	2	13	13.5	2.5	32.3	34.9	48.3	–	48.3
30 École primaire (A) du centre de services scolaire de Laval (secteur Chomedey) – Construction	585	2	13	29.6	2.0	3.3	5.3	34.9	–	34.9
31 École primaire du centre de services scolaire de Laval (secteur des Mille-Îles) – Construction	589	2	13	20.6	1.4	10.8	12.2	32.9	–	32.9
32 Centre de formation professionnelle du centre de services scolaire de Laval – Construction	704	2	13	1.3	2.5	26.0	28.5	29.7	–	29.7
33 École primaire de la Mosaïque du centre de services scolaire de Laval – Agrandissement et réaménagement	482	2	13	9.0	2.0	14.8	16.7	25.7	–	25.7
34 École primaire (B) du centre de services scolaire de Laval (secteur Chomedey) – Construction	587	1-2	13	24.4	1.3	–	1.3	25.7	–	25.7
35 Pavillon Sainte-Croix du centre de services scolaire de Laval (projet Cunard) – Reconstruction	702	2	13	3.6	1.1	17.4	18.5	22.1	–	22.1

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
36 École primaire Alfred-Pellan du centre de services scolaire de Laval, pavillon Ulric-Debien – Agrandissement	664	2	13	15.2	1.1	5.0	6.1	21.3	–	21.3
37 École secondaire du centre de services scolaire des Affluents – Terrebonne – Construction	303	2	14	33.2	5.4	109.0	114.4	147.6	0.4	148.0
38 École secondaire Jean-Baptiste-Meilleur du centre de services scolaire des Affluents – Repentigny – Agrandissement	369	2	14	13.6	2.3	33.6	35.8	49.5	–	49.5
39 École secondaire Armand-Corbeil du centre de services scolaire des Affluents – Terrebonne – Agrandissement	374	2	14	14.7	3.6	30.4	34.0	48.7	–	48.7
40 École secondaire Du Coteau du centre de services scolaire des Affluents – Mascouche – Agrandissement	412	2	14	10.4	1.6	14.5	16.0	26.4	–	26.4
41 Centre de formation professionnelle du centre de services scolaire des Affluents – Mascouche – Construction	598	2	14	11.5	3.2	10.8	14.0	25.5	–	25.5
42 École secondaire Félix-Leclerc du centre de services scolaire des Affluents – Repentigny – Agrandissement	586	1-2	14	21.1	–	–	–	21.1	0.1	21.3
43 École secondaire du centre de services scolaire des Mille-Îles – Mirabel – Construction	301		15	45.8	4.9	108.9	113.8	159.6	1.4	161.0
44 École secondaire du centre de services scolaire de la Rivière-du-Nord – Saint-Jérôme – Construction	302	2	15	18.6	5.2	132.6	137.8	156.4	–	156.4
45 École primaire du centre de services scolaire de la Rivière-du-Nord (secteur Dagenais) – Saint-Jérôme – Construction	392	2	15	2.8	3.9	39.7	43.6	46.4	0.1	46.5
46 École primaire (B) du centre de services scolaire des Mille-Îles – Mirabel – Construction	897	4	15	13.7	3.3	8.8	12.1	25.8	–	25.8
47 École secondaire Louis-Philippe-Paré du centre de services scolaire des Grandes-Seigneuries – Châteauguay – Construction	253	2	16	12.1	80.4	272.0	352.4	364.5	6.5	371.0
48 École secondaire de Chambly du centre de services scolaire des Patriotes – Agrandissement	305		16	60.3	7.3	109.7	117.0	177.3	–	177.3
49 École secondaire du centre de services scolaire des Trois-Lacs – Vaudreuil-Dorion – Construction	300	2	16	43.9	5.7	105.6	111.3	155.2	0.8	156.0

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
50 École secondaire du centre de services scolaire des Trois-Lacs – Saint-Zotique – Construction	299	2	16	42.8	4.4	107.9	112.3	155.1	0.3	155.4
51 École primaire du centre de services scolaire des Patriotes – Carignan – Construction	398	2	16	9.6	14.6	28.7	43.4	53.0	5.2	58.2
52 École secondaire de la Baie Saint-François du centre de services scolaire de la Vallée-des-Tisserands – Salaberry-de-Valleyfield – Agrandissement	738	2	16	2.3	3.1	52.3	55.4	57.6	–	57.6
53 École secondaire Casavant du centre de services scolaire de Saint-Hyacinthe – Agrandissement	390	2	16	10.3	1.9	31.5	33.4	43.7	–	43.7
54 École primaire Christ-Roi du centre de services scolaire Marie-Victorin – Longueuil – Agrandissement	893	4	16	15.2	3.5	22.7	26.1	41.3	–	41.3
55 École Saint-Michel-Archange du centre de services scolaire des Grandes-Seigneuries – Saint-Michel – Agrandissement et réaménagement	610	2	16	6.9	5.3	26.5	31.8	38.7	–	38.7
56 École primaire du centre de services scolaire du Val-des-Cerfs – Shefford – Construction	596	2	16	4.8	3.6	28.8	32.3	37.1	1.3	38.4
57 École primaire du centre de services scolaire Marie-Victorin (secteur Vauquelin) – Longueuil (arrondissement du Vieux-Longueuil) – Construction	590	1-2	16	32.4	1.8	–	1.8	34.1	1.0	35.1
58 École primaire Saint-Eugène du centre de services scolaire des Hautes-Rivières – Saint-Jean-sur-Richelieu – Agrandissement et réaménagement	457	1	16	32.3	1.7	–	1.7	34.0	–	34.0
59 École primaire du centre de services scolaire des Grandes-Seigneuries – Léry – Construction	395	2	16	12.4	2.0	17.1	19.1	31.5	–	31.5
60 École primaire du centre de services scolaire de Saint-Hyacinthe – Construction	399	2	16	11.2	2.1	18.0	20.1	31.3	–	31.3
61 École secondaire le Carrefour du centre de services scolaire des Patriotes – Varennes – Agrandissement	376	2	16	10.1	2.2	18.1	20.4	30.4	–	30.4
62 École primaire Marie-Victorin du centre de services scolaire Marie-Victorin – Brossard – Agrandissement	894	4	16	12.3	3.7	13.5	17.2	29.5	–	29.5
63 École primaire du centre de services scolaire des Trois-Lacs – Vaudreuil-Dorion – Construction	397	1-2	16	24.5	1.3	–	1.3	25.8	–	25.8

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
64 École primaire (B) du centre de services scolaire du Val-des-Cerfs – Granby – Construction	941	4	16	7.7	4.9	12.8	17.7	25.4	–	25.4
65 École primaire du centre de services scolaire du Val-des-Cerfs – Cowansville – Construction	942	4	16	10.6	11.3	3.5	14.8	25.4	–	25.4
66 École primaire Georges-P.-Vanier du centre de services scolaire Marie-Victorin – Brossard – Agrandissement	591	1-2	16	23.1	1.2	–	1.2	24.3	–	24.3
67 École secondaire du centre de services scolaire des Chênes – Drummondville – Construction	304	2	17	9.6	3.1	155.3	158.4	168.0	–	168.0
Total				1,175.8	306.8	2,958.2	3,265.0	4,440.5	193.5	4,634.2

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 École primaire du centre de services scolaire Kamouraska–Rivière-du-Loup – Rivière-du-Loup – Construction	666		01
2 École primaire du centre de services scolaire des Premières-Seigneuries – Québec (arrondissement de Beauport) – Construction	667		03
3 École primaire du centre de services scolaire des Premières-Seigneuries – Sainte-Brigitte-de-Laval – Construction	678		03
4 École primaire Marguerite-Bourgeois du centre de services scolaire du Chemin-du-Roy – Trois-Rivières – Reconstruction et agrandissement	743		04
5 École primaire du centre de services scolaire de la Région-de-Sherbrooke – Sherbrooke – Construction	868	5	05
6 École secondaire du Triolet du centre de services scolaire de la Région-de-Sherbrooke – Sherbrooke – Réaménagement	679		05
7 École Allancroft du centre de services scolaire Marguerite-Bourgeois – Beaconsfield – Acquisition, agrandissement et réaménagement	371		06
8 École primaire des Monarques du centre de services scolaire de Montréal, édifice Marie-Rollet – Montréal – Reconstruction	908	5	06
9 École primaire Les-Enfants-du-Monde du centre de services scolaire de Montréal (arrondissement de Côte-des-Neiges–Notre-Dame-de-Grâce) – Agrandissement	405		06
10 École primaire (A) du centre de services scolaire de Montréal (arrondissement de Mercier–Hochelaga-Maisonneuve) – Réaménagement	382		06
11 École primaire (A) du centre de services scolaire Marguerite-Bourgeois – Montréal (arrondissement de Saint-Laurent) – Construction	404		06
12 École primaire (B) du centre de services scolaire de Montréal (arrondissement de Mercier–Hochelaga-Maisonneuve) – Reconstruction	867	5	06
13 École primaire (B) du centre de services scolaire Marguerite-Bourgeois – Montréal (arrondissement de Saint-Laurent) – Construction	594		06
14 École primaire du centre de services scolaire de la Pointe-de-l'Île – Montréal (arrondissement de Montréal-Nord) – Construction	381		06
15 École primaire du centre de services scolaire de la Pointe-de-l'Île – Montréal (arrondissement de Rivière-des-Prairies–Pointe-aux-Trembles) – Construction	681		06
16 École primaire du centre de services scolaire de la Pointe-de-l'Île – Montréal (arrondissement d'Anjou) – Construction	682		06
17 École primaire du centre de services scolaire de Montréal (arrondissement de Côte-des-Neiges–Notre-Dame-de-Grâce) – Construction	668		06
18 École primaire du centre de services scolaire de Montréal (arrondissement de Rosemont–La Petite-Patrie) – Construction	684		06

	Name	# TB	Notes	Region
19	École primaire du centre de services scolaire de Montréal (secteur Griffintown) – Construction	396		06
20	École primaire du centre de services scolaire de Montréal (site du Grand-Séminaire) – Construction	254		06
21	École primaire du centre de services scolaire Marguerite-Bourgeoys – Montréal (arrondissement de Lachine) – Construction	685		06
22	École primaire du centre de services scolaire Marguerite-Bourgeoys – Montréal (arrondissement d'Outremont) – Construction	595		06
23	École primaire du centre de services scolaire Marguerite-Bourgeoys – Mont-Royal – Construction	403		06
24	École primaire Jacques-Rousseau du centre de services scolaire de la Pointe-de-l'Île – Montréal (arrondissement d'Anjou) – Agrandissement	680		06
25	École primaire L'Eau-Vive du centre de services scolaire Marguerite-Bourgeoys – Montréal – Agrandissement	686		06
26	École primaire-secondaire du centre de services scolaire Marguerite-Bourgeoys – Montréal (arrondissement de Verdun) – Construction	263		06
27	École primaire-secondaire FACE du centre de services scolaire de Montréal – Réfection et réaménagement	261		06
28	École secondaire Académie Dunton du centre de services scolaire de Montréal (arrondissement de Mercier-Hochelaga-Maisonneuve) – Agrandissement	368		06
29	École secondaire du centre de services scolaire de Montréal (arrondissement d'Achilles-Cartier) – Construction	665		06
30	École secondaire du centre de services scolaire Marguerite-Bourgeoys – Montréal (arrondissement de L'Île-Bizard-Sainte-Geneviève) – Construction	295		06
31	École secondaire du centre de services scolaire Marguerite-Bourgeoys – Montréal (arrondissement de Saint-Laurent) – Réaménagement	292		06
32	École secondaire Mont-Royal du centre de services scolaire Marguerite-Bourgeoys – Agrandissement	662		06
33	École secondaire Sophie-Barat du centre de services scolaire de Montréal – Agrandissement, réfection et réaménagement	654		06
34	École transitoire primaire-secondaire du centre de services scolaire de Montréal (arrondissement de Rosemont-La Petite-Patrie) – Construction	683		06
35	École primaire du centre de services scolaire des Draveurs – Gatineau – Construction	669		07
36	École primaire du centre de services scolaire des Portages-de-l'Outaouais – Pontiac – Construction	375		07
37	École primaire du centre de services scolaire des Portages-de-l'Outaouais – Gatineau – Construction	676		07
38	École primaire Pierre-Elliott-Trudeau de la commission scolaire Western Québec – Gatineau – Agrandissement	901	5	07
39	Bâtiment administratif de la commission scolaire Kativik – Nord-du-Québec – Construction	701		10
40	École Ajagudak de la commission scolaire Kativik – Tasiujaq – Agrandissement	698		10
41	École secondaire Maquatua Eeyou de la commission scolaire crie – Wemindji – Agrandissement et réaménagement	873	5	10
42	École Tukisiniarvik de la commission scolaire Kativik – Akulivik – Agrandissement	407		10
43	Résidence et classes temporaires de la commission scolaire Kativik – Kuujuaq – Construction	697		10
44	New Carlisle High School de la commission scolaire Eastern Shores – Reconstruction	907	5	11
45	École primaire des Rayons-de-Soleil du centre de services scolaire de la Côte-du-Sud – Saint-Damien-de-Buckland – Reconstruction	904	5	12
46	École primaire Maribel du centre de services scolaire Beauce-Etchemin – Sainte-Marie – Reconstruction et agrandissement	736		12
47	École primaire de la commission scolaire Central Québec – Lévis – Construction	584		12
48	École primaire Coursol du centre de services scolaire de Laval – Reconstruction et agrandissement	705		13
49	École primaire du centre de services scolaire de Laval (secteur est) – Construction	402		13
50	École primaire du centre de services scolaire de Laval (secteur Laval-des-Rapides) – Construction	597		13
51	École primaire-secondaire du centre de services scolaire de Laval (secteur Val-Martin) – Acquisition, agrandissement et réaménagement	380		13
52	École spécialisée du centre de services scolaire de Laval (secteur Laval-des-Rapides) – Construction	372		13
53	École primaire (A) du centre de services scolaire des Mille-Îles – Terrebonne – Construction	670		14

	Name	# TB	Notes	Region
54	École primaire (B) du centre de services scolaire des Mille-Îles – Terrebonne – Construction	692		14
55	École primaire du centre de services scolaire des Affluents (3 anciennes écoles) – Charlemagne – Reconstruction	706		14
56	École primaire du centre de services scolaire des Samares – Saint-Gabriel – Reconstruction et agrandissement	906	5	14
57	École primaire du centre de services scolaire des Samares – Saint-Lin–Laurentides – Construction	687		14
58	École primaire du centre de services scolaire Sir-Wilfrid-Laurier – Saint-Charles-Borromée – Construction	671		14
59	École secondaire de l'Amitié du centre de services scolaire des Affluents – L'Assomption – Agrandissement	872	5	14
60	École primaire (A) du centre de services scolaire des Mille-Îles – Mirabel – Construction	690		15
61	École primaire du centre de services scolaire de la Rivière-du-Nord – Mirabel – Construction	693		15
62	École primaire du centre de services scolaire de la Rivière-du-Nord – Sainte-Sophie – Construction	694		15
63	École primaire du centre de services scolaire de la Rivière-du-Nord (secteur Lac Jérôme) – Saint-Jérôme – Construction	367		15
64	École primaire du centre de services scolaire des Laurentides – Saint-Sauveur – Construction	384		15
65	École primaire du centre de services scolaire des Laurentides – Val-David – Construction	661		15
66	École primaire du centre de services scolaire des Mille-Îles – Blainville – Construction	691		15
67	École primaire du centre de services scolaire des Mille-Îles – Sainte-Anne-des-Plaines – Reconstruction	708		15
68	École primaire du centre de services scolaire des Mille-Îles – Sainte-Marthe-sur-le-Lac – Construction	689		15
69	École primaire du centre de services scolaire des Mille-Îles – Saint-Eustache – Reconstruction et agrandissement	905	5	15
70	École primaire du Trait-d'Union du centre de services scolaire des Mille-Îles – Sainte-Thérèse – Reconstruction et agrandissement	902	5	15
71	École primaire Sainte-Thérèse-de-l'Enfant-Jésus du centre de services scolaire de la Rivière-du-Nord – Saint-Jérôme – Reconstruction et agrandissement	707		15
72	École primaire Terre-des-Jeunes du centre de services scolaire des Mille-Îles – Saint-Eustache – Reconstruction	709		15
73	École primaire Terre-Soleil du centre de services scolaire des Mille-Îles – Sainte-Thérèse – Reconstruction	710		15
74	École primaire Saint-Philippe du centre de services scolaire de la Rivière-du-Nord – Brownsburg-Chatham – Reconstruction et agrandissement	737		15
75	École secondaire du centre de services scolaire de la Rivière-du-Nord – Prévost – Construction	816	5	15
76	École secondaire du Harfang du centre de services scolaire des Mille-Îles – Sainte-Anne-des-Plaines – Agrandissement	688		15
77	École de formation professionnelle de Châteauguay du centre de services scolaire des Grandes-Seigneuries – Construction	495		16
78	École primaire Notre-Dame du centre de services scolaire des Patriotes – Otterburn Park – Reconstruction et agrandissement	712		16
79	École primaire (A) du centre de services scolaire Marie-Victorin – Brossard – Construction	394		16
80	École primaire (A) du centre de services scolaire Marie-Victorin – Longueuil – Construction	865	5	16
81	École primaire (B) du centre de services scolaire Marie-Victorin – Brossard – Construction	672		16
82	École primaire (B) du centre de services scolaire Marie-Victorin – Longueuil – Construction	876	5	16
83	École primaire de la commission scolaire Lester-B.-Pearson – Montérégie – Construction	870	5	16
84	École primaire du centre de services scolaire de Saint-Hyacinthe – Construction	875	5	16
85	École primaire du centre de services scolaire des Grandes-Seigneuries – Candiac – Construction	869	5	16
86	École primaire du centre de services scolaire des Grandes-Seigneuries – Châteauguay – Construction	871	5	16
87	École primaire du centre de services scolaire des Grandes-Seigneuries – Saint-Constant – Construction	877	5	16
88	École primaire du centre de services scolaire des Patriotes – Beloeil – Construction	674		16
89	École primaire du centre de services scolaire des Patriotes – Boucherville – Construction	866	5	16
90	École primaire du centre de services scolaire des Trois-Lacs – Les Cèdres – Construction	675		16
91	École primaire du centre de services scolaire Marie-Victorin (secteur Saint-Hubert) – Longueuil – Construction	673		16

Name	# TB	Notes	Region
92 École primaire du centre de services scolaire Marie-Victorin (secteur Saint-Lambert) – Longueuil – Construction	393		16
93 École secondaire Antoine-Brossard du centre de services scolaire Marie-Victorin – Brossard – Agrandissement	373		16
94 École secondaire de la Magdeleine du centre de services scolaire des Grandes-Seigneuries – La Prairie – Agrandissement et réaménagement	262		16
95 École secondaire internationale de Saint-Lambert de la commission scolaire Riverside – Agrandissement	878	5	16
96 École secondaire internationale Lucille-Teasdale du centre de services scolaire Marie-Victorin – Brossard – Agrandissement	696		16
97 École secondaire Jacques-Leber du centre de services scolaire des Grandes-Seigneuries – Saint-Constant – Agrandissement et réaménagement	327		16
98 École secondaire Pierre-Bédard du centre de services scolaire des Grandes-Seigneuries – Saint-Rémi – Agrandissement et réaménagement	326		16
100 École secondaire Saint-Edmond du centre de services scolaire Marie-Victorin – Longueuil – Agrandissement	695		16
101 Immeuble Quinn du centre de services scolaire Marie-Victorin – Longueuil – Reconstruction et agrandissement	711		16
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$3,799.7 M

Under study (projects of \$50.0 million or more)

Name	# TB	Notes	Region
1 École secondaire de la commission scolaire Central Québec – Québec (arrondissement de Sainte-Foy–Sillery–Cap-Rouge) – Maintien et bonification	324		03
2 École secondaire du centre de services scolaire de la Capitale – Sainte-Catherine-de-la-Jacques-Cartier – Bonification	817	6	03
3 Centre de formation professionnelle 24-Juin du centre de services scolaire de la Région-de-Sherbrooke – Bonification	260		05
4 École primaire ou secondaire de la commission scolaire Kativik – Quaqtaq – Bonification	699		10
5 École secondaire du centre de services scolaire des Samares – Saint-Lin–Laurentides – Bonification	839	6	14
6 École secondaire du centre de services scolaire des Mille-Îles – Blainville – Bonification	819	6	15
7 École secondaire du centre de services scolaire des Grandes-Seigneuries – Montérégie (secteur ouest) – Bonification	835	6	16
8 École secondaire du centre de services scolaire Marie-Victorin – Longueuil – Bonification	946	6	16
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$10.0 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$14,041.4 M
Total for the sector			\$21,116.1 M

Projects removed from the list of published projects in the 2021-2031 QIP

	Name	# TB	Notes	Region
1	École secondaire d'Anjou du centre de services scolaire de la Pointe-de-l'Île – Aggrandissement	298	10	06
2	École secondaire du centre de services scolaire Marguerite-Bourgeoys – Dorval – Construction	391	9	06
3	École secondaire du centre de services scolaire des Portages-de-l'Outaouais (secteur des Rapides-Deschênes) – Gatineau – Construction	378	8	07
4	École Ikusik de la commission scolaire Kativik – Salluit – Aggrandissement et réaménagement	483	8	10
5	École secondaire de la commission scolaire Kativik – Inukjuak – Construction	386	8	10
6	Logements de la commission scolaire Kativik – Nord-du-Québec – Construction	700	11	10
7	École primaire (C) du centre de services scolaire de Laval (secteur Chomedey) – Construction	588	12	13
8	École primaire du centre de services scolaire des Affluents (secteur Jardins du Coteau) – Mascouche – Construction	383	8	14
9	École primaire du centre de services scolaire Marie-Victorin (secteur Sacré-Cœur) – Longueuil – Construction	385	8	16
10	École primaire-secondaire alternative du centre de services scolaire Marie-Victorin – Longueuil – Construction	388	8	16
1	The infrastructure regarding this project is in service in partial or complete operation.			
2	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4	Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5	Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6	Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8	The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9	This project was cancelled following a reassessment of the space by the school service centre.			
10	This project was cancelled and replaced by the construction of two secondary schools in the territory of the school service centre (i.e., projects 296 "École secondaire du centre de services scolaire de la Pointe-de-l'Île – Montréal" [Anjou Borough] – Construction" and 297 "École secondaire du centre de services scolaire de la Pointe-de-l'Île – Montréal [Montréal-Nord borough] – Construction").			
11	This project was split up into multiple infrastructure projects of less than \$20.0 million each.			
12	This project is included in the project titled "585 - École primaire (A) du centre de services scolaire de Laval (secteur Chomedey) – Construction."			

2.2.3 Portrait of infrastructure and investment strategies — Education

Good condition (ABC)
41%

AMD
\$5,867 million

2022-2032 QIP
\$21,116 million

□ Portrait of infrastructure

The education network's real estate portfolio includes 4,086 buildings occupying a surface area of nearly 17.0 million square metres in school organizations divided among 60 school service centres, nine English-language school boards and three special status school boards, including:

- 2,331 preschools and primary schools;
- 484 high schools;
- 313 vocational and adult education centres;
- 852 administrative and other buildings (residences, workshops, warehouses and garages);
- 106 surplus buildings.

□ 2022-2032 QIP investments

The government plans to invest over \$21.1 billion over the next 10 years in the education sector, 62% of which, i.e., \$13.1 billion, will be mainly dedicated to asset maintenance, the reconstruction of the most obsolete schools as well as addressing the AMD of the school infrastructure portfolio.

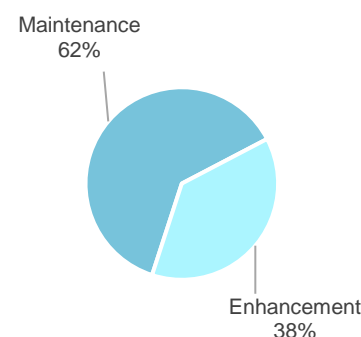
Furthermore, to meet growing educational needs, investments of nearly \$8.0 billion have also been earmarked for planning and carrying out construction, expansion or acquisition projects. In particular, these investments will make it possible to meet the new needs for space reported by school organizations and recognized by the MEQ.

2022-2032 QIP investments

by type

(contribution by the Gouvernement du Québec, in millions of dollars and as a percentage)

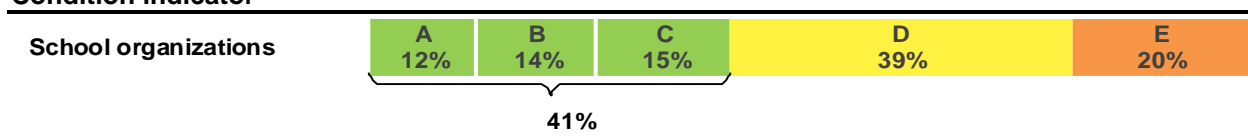
	School organizations	%
Infrastructure Maintenance		
Asset Maintenance	5,081.5	
AMD management	5,867.3	
Replacement	2,214.3	
Subtotal	13,163.0	62
Infrastructure Enhancement	7,953.1	38
Total	21,116.1	100



Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

❑ Investment strategy to maintain the infrastructure

Condition indicator



The current portrait reveals that a significant portion, i.e., 59% of the education network's infrastructure portfolio, is in poor or very poor condition (GCI of D or E). This situation is mainly due to a period of underinvestment in the 1990s and early 2000s. Moreover, as most of the schools were built between 1950 and 1970, they have reached or will soon reach the end of their useful life. This means many of them will need major repairs or have to be rebuilt in the coming years.

As education is a priority for Québec, the government will continue to catch up on the backlog created in the last years by dedicating a substantial portion of the investments planned in the 2022-2032 QIP to this sector. Total portfolio maintenance investments of \$13.1 billion will be used to offer healthier, attractive and better-equipped schools and create settings conducive to learning and academic success, for the benefit of both students and staff.

The MEQ expected that level of infrastructure maintenance investment planned for the next year would increase the proportion of infrastructure in good condition (GCI of A, B or C) to 50% by 2022-2023 for all buildings under its responsibility.

This goal, included in the Department's 2019-2023 Strategic Plan, will be difficult to achieve. Indeed, it is possible to notice with the standardization of inspections in the network achieved in 2021-2022, and despite the significant investments made over the last few years, improving the school building inventory will take more time.

The MEQ has adopted the following orientations for its future investment choices:

- Prioritize the work required to correct air and mould problems in schools;
- Rapidly replace or repair critical components at the end of their useful life, such as roofs, windows and heating and ventilation systems;
- Prioritize asset maintenance investments for schools in satisfactory condition (GCI of C) in order to prevent them from deteriorating further and ending up with a poor condition indicator (GCI of D).

□ Investment strategy to address the AMD

Addressing the AMD



The investments of nearly \$5.9 billion planned in the 2022-2032 QIP for the education sector are sufficient to reduce the AMD currently assessed in the AMPI.

The MEQ carries out the following actions to reduce the AMD:

- Confirm the annual investment budgets for the school organizations as soon as possible to allow them to accelerate the completion of the work;
- Plan for separate maintenance budgets, allocated in the school-organization operation envelopes, which must be used for this purpose;
- Allow school organizations to acquire modular buildings to free up space in schools that require priority repair work;
- Encourage school organizations to develop investment master plans in order to plan their renovation, replacement and new construction projects over the medium and long term;
- Improve, with the new GIESS information management system, the tracking of investment needs in schools, including the effect of completed work on changes in their condition and the AMD, which will allow optimal targeting of interventions.

Furthermore, the MEQ will continue to fulfill its plan to reconstruct the most obsolete schools, which involves:

- Target the most obsolete schools and, where possible, combine their reconstruction with the creation of new student spaces to meet the most urgent space deficits;
- Consider the priorities identified by school organizations based on a cost/benefit analysis showing that it is more beneficial to rebuild the building rather than renovate it;
- Continue planning and carrying out projects authorized in recent years.

❑ Investment strategy to enhance the infrastructure

By 2025-2026, excluding the impact of the opening of preschool for four-year-olds, the MEQ foresees a deficit of about 300 classrooms in primary schools. These schools are mainly in the Montérégie, Laurentides and Capitale-Nationale regions. By 2030-2031, the MEQ also forecasts a deficit of over 14,000 student spaces in high schools, mainly in the Montérégie, Laurentides, Capitale-Nationale and Lanaudière regions.

In response to these growing needs in education, the government is planning investments of nearly \$8.0 billion in the 2022-2032 QIP, which will notably make it possible to:

- Continue the planning and completion of close to 300 additional space projects authorized in recent years;
- Announce many new projects to build or expand schools, which will make it possible to create additional primary school classrooms and additional high school student spaces, benefiting thousands of students by 2025-2026;
- Build the premises necessary to open 2,600 new preschool for 4-year-olds classrooms by the end of the 2025-2026 school year.



2.3 Higher education

2.3.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	341.9	395.8	377.6	339.3	313.7	1,768.3	1,242.8	3,011.1	42.2	3,339.8	51.5
AMD management	193.4	217.5	175.9	187.1	180.9	954.8	852.4	1,807.2	25.3	1,312.9	20.2
Replacement	101.4	82.6	72.1	98.0	107.8	461.9	614.1	1,076.1	15.1	1,223.5	18.9
Subtotal	636.8	695.9	625.6	624.4	602.4	3,185.1	2,709.3	5,894.3	82.5	5,876.3	90.6
Infrastructure enhancement											
	216.3	215.4	207.3	195.4	135.8	970.2	276.9	1,247.1	17.5	609.5	9.4
Total	853.0	911.3	832.9	819.8	738.2	4,155.3	2,986.2	7,141.5	100.0	6,485.8	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.3.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars).

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022-2023	2023-2032	Total			
1 HEC Montréal (arrondissement de Ville-Marie) – Construction	41		06	89.4	19.1	–	19.1	108.5	126.7	235.2
2 Université McGill, pavillon des sciences biologiques Stewart – Montréal – Réfection	564		06	67.7	9.4	6.6	16.0	83.7	42.7	126.4
3 Université de Montréal, pavillon Roger-Gaudry – Montréal – Réfection	566	4	06	3.4	10.0	36.2	46.2	49.6	–	49.6
4 Université du Québec à Montréal, pavillon Sanguinet – Réfection et agrandissement	420		06	24.5	15.6	2.2	17.8	42.3	4.4	46.7
5 Université McGill, pavillon Raymond – Montréal – Réfection	936	4	06	8.3	28.8	8.0	36.8	45.2	–	45.2
6 Université McGill, pavillon Wilson – Montréal – Réfection et réaménagement	144		06	15.5	6.9	22.8	29.6	45.1	–	45.1
7 École de technologie supérieure, pavillon F – Montréal – Construction	421	2	06	16.0	26.5	–	26.5	42.5	–	42.5
8 Université Concordia, 4 ^e étage – Montréal – Réfection et réaménagement	568		06	31.0	3.6	0.9	4.5	35.5	2.6	38.1

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
9 Université McGill, pavillon Macdonald-Stewart – Montréal – Réfection	419		06	20.9	8.9	0.1	9.0	29.9	–	29.9
10 Université McGill, pavillon de musique Strathcona – Montréal – Réfection	935	4	06	1.7	2.0	7.9	9.8	11.5	13.6	25.1
11 Université McGill, pavillon Ferrier – Montréal – Réfection	934	4	06	6.1	15.3	1.0	16.2	22.3	2.6	24.9
Total				284.5	146.1	85.7	231.5	516.1	192.6	708.7

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Université du Québec, pavillon de médecine vétérinaire – Rimouski – Construction et réaménagement	953	5	01
2 Cégep de Maisonneuve – Montréal – Agrandissement	554		06
3 Cégep John Abbott, pavillon Brittain Hall – Sainte-Anne-de-Bellevue – Réfection et réaménagement	955	5	06
4 Université de Montréal, pavillons Roger-Gaudry et Marie-Victorin – Réaménagement	201		06
5 Université McGill sur une partie du site de l'ancien hôpital Royal Victoria – Montréal – Construction et réaménagement	110	3	06
6 Université McGill, 12 pavillons – Montréal – Réfection et réaménagement	834	5	06
7 Université McGill, bibliothèque McLennan-Redpath – Montréal – Réaménagement	561		06
8 Université McGill, pavillon Macdonald-Stewart (campus Macdonald) – Sainte-Anne-de-Bellevue – Réfection	932	5	06
9 Université de Montréal, pavillon de médecine vétérinaire – Saint-Hyacinthe – Construction	952	5	16
10 Cégep de Drummondville, nouveau pavillon – Construction	954	5	17
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$1,140.3 M

Under study (projects of \$50.0 million or more)

Name	# TB	Notes	Region
1 Collège Ahuntsic – Montréal – Bonification	312		06
2 École de technologie supérieure, complexe Dow – Montréal – Maintien	248		06
3 Polytechnique Montréal – Maintien et bonification	256		06
4 Université de Montréal, pavillon principal et complexe des sciences – Maintien et bonification	313		06
5 Université du Québec en Outaouais, campus de Gatineau – Bonification	257		07
6 Cégep Montmorency – Laval – Bonification	836	6	13
7 Cégep régional de Lanaudière – Terrebonne – Bonification	948	6	14
8 Cégep de Saint-Jérôme – Bonification	838	6	15
9 Cégep Lionel-Groulx – Sainte-Thérèse – Bonification	837	6	15
10 Cégep de Saint-Hyacinthe – Bonification	949	6	16
11 Cégep Édouard-Montpetit, cliniques-écoles – Longueuil – Maintien et bonification	314		16
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$12.2 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$5,757.5 M
Total for the sector			\$7,141.5 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Collège Dawson – Montréal – Bonification	255	9	06
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9 This project was cancelled in favour of projects for adding space to other CEGEPs in the greater Montréal area.			

2.3.3 Portrait of infrastructure and investment strategies — Higher Education

Good condition (ABC)
56%

AMD
\$1,829 million

2022-2032 QIP
\$7,141 million

□ Portrait of infrastructure

The infrastructure recognized by the MES for funding purposes includes:

- For the college network, 986 buildings represent a surface area of around 2.7 million square metres, of which approximately 2.5 million square metres (in 893 buildings) are recognized by the MES for funding purposes. The college network's equipment inventory consists of 1,857 pieces of significant equipment.⁴ It includes 1,540 pieces of specialized equipment for teaching, 39 pieces of mobile equipment and 278 pieces of other equipment. This inventory is spread among 48 CEGEPs;
- For the university network, 1,052 buildings represent a surface area of around 4.9 million square metres, of which approximately 3.7 million square metres (in 761 buildings) are recognized by the MES for funding purposes. The university network's equipment inventory consists of 6,137 pieces of significant equipment.¹ It includes 5,503 pieces of specialized equipment for teaching, 150 pieces of mobile equipment and 484 pieces of other equipment. This inventory is spread among 19 universities.

□ 2022-2032 QIP investments

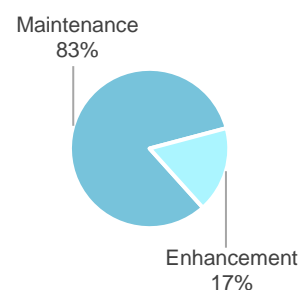
The Government will invest nearly \$7.1 billion in the college and university networks in the coming years. Of this amount, 83% (\$5.9 billion) will be dedicated mainly to asset maintenance and addressing the AMD listed for buildings, and to replacing equipment at the end of its useful life.

In addition, investments of more than \$1.2 billion are planned to meet future needs for extra space or to improve existing spaces in CEGEPs and universities.

Investments in the 2022-2032 QIP by type

(contribution by the Gouvernement du Québec, in millions of dollars and as a percentage)

	CEGEPs	Universities	Other ¹	Total	%
Infrastructure Maintenance					
Asset Maintenance	1,223.0	1,786.1	2.0	3,011.1	
AMD management	502.5	1,304.7	—	1,807.2	
Replacement	7.8	1,059.2	9.1	1,076.1	
Subtotal	1,733.2	4,149.9	11.2	5,894.3	83
Infrastructure Enhancement	361.6	878.1	7.4	1,247.1	17
Total	2,094.9	5,028.0	18.6	7,141.5	100



Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

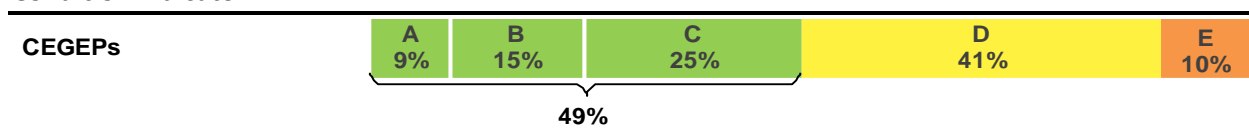
¹ Investments for Institut de tourisme et d'hôtellerie du Québec.

⁴ Significant equipment includes equipment with an individual historic cost book value equal to or greater than \$100,000 or between \$25,000 and \$99,999, but which is considered strategic equipment.

❑ Investment strategy to maintain the infrastructure

CEGEPs

Condition indicator



The current portrait for CEGEPs shows that 49% of their infrastructure portfolio is in good condition (GCI of A, B or C). The age average of the oldest infrastructure (GCI of D or E), which represents 51% of the college building inventory, is more than 50 years old. Some of these are heritage buildings that should be renovated or rebuilt over the next decade.

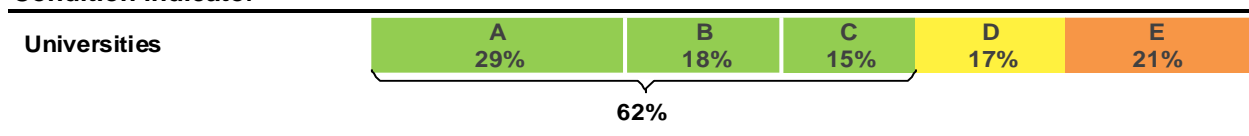
The MES expects that the planned infrastructure maintenance investments for CEGEPs will increase the proportion of the college infrastructure portfolio in good condition (GCI of A, B or C) to 70% by March 31, 2026.

Furthermore, these investments will make it possible, among other things, to start or complete several projects, such as:

- renovation of sanitary blocks at the Joliette campus of CEGEP régional de Lanaudière;
- roof replacement and related work at CEGEP de La Pocatière;
- replacement of furnaces at CEGEP de Sainte-Foy;
- reorganization and repair work on the administrative offices at CEGEP du Vieux Montréal.

Universities

Condition indicator



The majority of the university infrastructure portfolio is in good condition, with 62% having a GCI of A, B, or C. Nevertheless, 38% of the buildings are in poor condition (GCI of D or E). The age average of the oldest infrastructure (GCI of D or E) is more than 75 years old. Furthermore, several of these are heritage buildings that will require major and complex repair work in the coming years, which will be more expensive due to the cost of materials and the use of specialized labour.

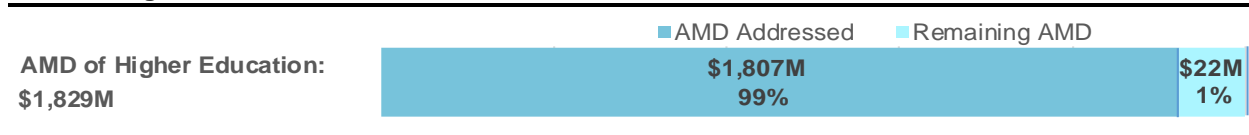
The MES anticipates that planned infrastructure maintenance investments for universities will increase the proportion of the university infrastructure portfolio in good condition (GCI of A, B or C) to 75% by March 31, 2026;

Furthermore, these investments will make it possible, among other things, to start or complete several projects, such as:

- McGill University, Macdonald-Stewart Pavilion – Refurbishment;
- Bishop's University, Divinity House – Renovation;
- McGill University, Strathcona Music Building – Refurbishment;
- McGill University, No. 2 furnace – Refurbishment;
- Université de Montréal, Pavillon Roger-Gaudry – Refurbishment;
- Université de Montréal, Site de la Montagne – Redesign of cleared spaces.

❑ Investment strategy to address the AMD

Addressing the AMD



The \$1,807.2 million in investments planned in the 2022-2032 QIP for Higher Education will address 99% of the AMD for CEGEPs and universities currently assessed in the AMPI. However, future inspections will contribute to identifying new higher-priority work on critical components not listed to date, particularly for the oldest buildings. This means additional funds could be required in the coming years to maintain the rate for addressing the AMD.

The MES will use the following means to address the AMD of CEGEPs and universities:

- Complete at least \$277.1 million of work to reduce the AMD for college infrastructure (\$256.6 million for buildings and \$20.5 million for equipment) by March 31, 2026;
- Complete at least \$555.3 million of work to reduce the AMD for the university infrastructure (\$491.2 million for buildings and \$64.1 million for equipment) by March 31, 2026;
- Prioritize projects with a significant impact on the infrastructure condition and at addressing the AMD;
- Prioritize the repair or replacement of critical components having reached the end of their useful life, such as roofs, windows, and heating and ventilation systems;
- Work with the establishments to develop plans to address their AMD;
- Update their building inspections to prioritize work on their building inventory.

❑ Investment strategy to enhance the infrastructure

CEGEPs

Despite an overall space surplus of 4,774 net square metres, amounting to a surplus of 0.4% of the 1,246,263 net square metres of available area, 24 CEGEPs in 10 regions currently show a theoretical space deficit:

- Capitale-Nationale (three CEGEPs out of five);
- Centre-du-Québec (one CEGEP out of two);
- Chaudière-Appalaches (one CEGEP out of three);
- Lanaudière (two CEGEPs out of three);
- Laurentides (both of the region's CEGEPs);
- Laval (the only CEGEP in the region);
- Montérégie (four CEGEPs out of seven);
- Montréal (seven CEGEPs out of 12);
- Outaouais (two CEGEPs out of three);
- Saguenay–Lac-Saint-Jean (one out of four CEGEPs).

Based on its demographic projection models for all of Québec, the MES expects a gradual rise to 190,298 students by 2029, an overall increase of nearly 18.8% compared to 2019.

- In 2025, the MES estimates that the college network will have an overall space deficit of 63,980 net square metres, representing a deficit of 5.1% of the net available area;
- In 2029, it is estimated that the overall space deficit could reach 103,000 net square metres, representing a deficit of 8.3% of the net available area;
- Infrastructure investments will be necessary to accommodate this significant increase in clientele.

To address this situation, investments of nearly \$361.6 million are planned in the 2022-2032 QIP for the college network alone. Furthermore, six projects currently under study, in planning or in progress aim to reduce the overall space deficit in the Montréal and Montérégie regions over the medium- and long-term:

- One major expansion project is in the planning stage for CEGEP de Maisonneuve;
- Seven major projects to add space are currently under study for CEGEP régional de Lanaudière, CEGEP de Saint-Hyacinthe, Collège Ahuntsic, Collège Montmorency, CEGEP de Saint-Jérôme, Collège Lionel Groulx and CEGEP Édouard-Montpetit.

Universities

The university infrastructure portfolio shows an overall space deficit of around 165,565 net square metres, which amounts to 7.2% of the total net area of 2,295,427 square metres. This overall space deficit takes into consideration the teaching and research space surplus shown by certain universities, like the Université du Québec à Rimouski, Université Laval, Bishop's University, the Institut national de la recherche scientifique and École nationale d'administration publique.

- Excluding the effect of these space surpluses, the space deficit of the university infrastructure portfolio amounts to 199,849 net square metres, or 8.7% of the total area;
- To partially meet this need, the Government plans investments of nearly \$878.1 million in the 2022-2032 QIP.

At present, nine universities, mostly in the Montréal area, show a space deficit. Projects to add space are currently under study, such as:

- Acquisition of Pavillon J.-A. Bombardier by Polytechnique Montréal;
- Phase II of the Université de Montréal Science Complex;
- Construction of the École de technologie supérieure's Dow complex.

These projects will add approximately 71,175 net square metres of space and reduce the overall space deficit by 4.1%, to a total of 94,390 net square metres.

Last, the project to repair the former Royal Victoria Hospital for McGill University is now in the planning phase. This will add roughly 22,800 net square metres, reducing the overall space deficit from 4.1% to 3.1%, for a total of 71,590 net square metres.

Moreover, considering the significant increase in anticipated clientele in the coming years, establishments in the college and university networks will be encouraged to identify real estate and non-real estate solutions.



2.4 Road network

2.4.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector

by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	1,035.4	1,017.9	692.3	562.6	975.3	4,283.5	6,502.9	10,786.4	35.2	10,489.9	37.0
AMD management	991.7	1,046.6	1,539.2	1,699.1	1,291.2	6,567.8	4,542.7	11,110.5	36.2	13,028.6	46.0
Replacement	86.4	153.8	222.1	472.0	210.6	1,144.8	420.5	1,565.4	5.1	–	–
Subtotal	2,113.4	2,218.3	2,453.6	2,733.7	2,477.1	11,996.1	11,466.2	23,462.3	76.5	23,518.5	83.0
Infrastructure enhancement											
	668.3	1,024.8	1,015.5	1,145.8	1,011.3	4,865.7	2,344.6	7,210.3	23.5	4,812.3	17.0
Total	2,781.7	3,243.1	3,469.1	3,879.5	3,488.5	16,861.8	13,810.8	30,672.6	100.0	28,330.8	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.4.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec											
Name	# TB	Notes	Region	Before 2022- 2023	2022-2032 QIP			Total	Contribution from partners	Total cost	
					2022- 2023	2023- 2032	Total				
Road network component											
1 Autoroute 85 (Claude-Béchar) entre Saint-Antonin et Saint-Louis-du-Ha! Ha! (phase III) – Construction	136	1	01	209.2	73.2	270.8	344.0	553.2	389.7	942.9	
2 Pont de la route 132 au-dessus de la rivière Rimouski – Rimouski – Réfection	714	2	01	1.9	7.9	20.5	28.4	30.3	–	30.3	
3 Pont Dubuc entre Chicoutimi et Chicoutimi-Nord, éléments du tablier – Saguenay – Réfection	479		02	41.0	6.7	–	6.7	47.7	–	47.7	
4 Route d'Obedjiwan entre La Tuque et Lac-Ashuapmushuan – Réaménagement	273	1	02-04	35.7	16.0	25.4	41.4	77.2	–	77.2	
5 Autoroute 73 (Henri-IV) entre l'autoroute 40 et l'autoroute 440 – Québec – Élargissement	40	1	03	148.7	1.7	12.2	14.0	162.6	128.6	291.2	
6 Pont d'étagement du chemin des Quatre-Bourgeois au-dessus de l'autoroute 73 – Québec – Reconstruction	271	1	03	38.8	22.1	20.9	42.9	81.7	4.9	86.6	
7 Pont de l'Île-d'Orléans entre Québec et l'Île-d'Orléans – Maintien	269	9	03	49.3	1.2	9.0	10.2	59.5	–	59.5	

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
8 Structures de l'autoroute 73 (Henri-IV) entre le pont Pierre-Laporte et le boulevard Laurier – Maintien	624	2-9	03	25.7	18.3	2.3	20.6	46.3	–	46.3
9 Pont Pierre-Laporte entre Québec et Lévis – Réfection	168		03-12	43.6	25.6	28.9	54.5	98.2	–	98.2
10 Pont de Québec entre Québec et Lévis, tablier – Maintien	477	9	03-12	41.4	0.8	2.0	2.8	44.1	–	44.1
11 Pont Lavolette entre Trois-Rivières et Bécancour, dalle – Réfection	169	2	04-17	5.9	14.4	240.8	255.2	261.1	–	261.1
12 Route 139 – Granby – Réfection et construction	346	2	05	24.9	31.4	38.0	69.4	94.4	1.7	96.0
13 Autoroute 35 entre Saint-Sébastien et Saint-Armand (phase III) – Construction	318		05-16	44.5	28.8	67.5	96.3	140.8	82.1	222.9
14 Complexe Turcot – Montréal – Reconstruction	19	1	06	3,148.7	259.4	265.2	524.6	3,673.3	–	3,673.3
15 Tunnels Ville-Marie et Viger – Montréal – Réfection	100		06	137.8	88.2	1,825.0	1,913.2	2,050.9	–	2,050.9
16 Échangeur Dorval – Montréal – Réaménagement	10	1	06	212.6	18.0	–	18.0	230.6	103.6	334.2
17 Autoroute 40 (Métropolitaine) – Montréal – Maintien	58	9	06	225.4	1.6	24.4	26.0	251.4	5.5	256.9
18 Échangeur Saint-Pierre – Montréal – Maintien	52	9	06	155.7	4.2	56.7	60.9	216.7	–	216.7
19 Tunnels Ville-Marie et Viger – Montréal – Maintien	59	9	06	102.3	4.3	77.4	81.7	184.0	8.4	192.4
20 Autoroute 40 (Félix-Leclerc), direction est, entre Kirkland et Baie-D'Urfé – Reconstruction	268	2	06	37.1	12.9	53.5	66.4	103.5	–	103.5
21 Structures de l'autoroute 720 (Route 136) – Montréal (arrondissement de Ville-Marie) – Réfection	348	1	06	6.2	4.7	82.0	86.7	92.8	–	92.8
22 Structures de l'autoroute 520 (Côte-de-Liesse) entre l'autoroute 20 et l'autoroute 40 – Montréal et Dorval – Reconstruction	360	1	06	35.2	0.8	52.6	53.4	88.6	1.1	89.7
23 Tunnel Dorval (autoroute 13) entre Montréal et Dorval – Réfection	193	1-2	06	30.1	34.6	10.8	45.4	75.5	–	75.5
24 Échangeur des Sources entre Pointe-Claire et Dorval – Réfection	471	1	06	23.1	21.0	13.6	34.7	57.8	2.6	60.4
25 Pont d'étagement du boulevard des Galeries-d'Anjou au-dessus de l'autoroute 40 – Montréal – Reconstruction	615		06	8.8	9.4	10.2	19.6	28.4	7.1	35.5
26 Pont Pie-IX (route 125) entre Montréal et Laval – Réfection	55		06-13	61.8	22.6	31.3	53.9	115.7	82.9	198.6
27 Tunnel Louis-Hippolyte-La Fontaine entre Montréal et Longueuil – Réfection	114		06-16	347.1	163.3	483.6	646.9	994.0	431.8	1,425.8
28 Pont de l'Île-aux-Tourtes entre Vaudreuil-Dorion et Senneville – Maintien	162	9	06-16	142.1	41.0	193.6	234.6	376.7	–	376.7

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
29 Pont Honoré-Mercier entre Montréal et Kahnawake – Maintien	50	9	06-16	222.3	10.6	33.6	44.2	266.5	–	266.5
30 Autoroute 5 entre le chemin de la Rivière et la route 105 – La Pêche – Prolongement	26	1	07	75.6	1.5	48.4	49.9	125.5	72.5	197.9
31 Autoroute 50 entre Gatineau et L'Ange-Gardien – Élargissement	319	2	07	7.7	1.2	101.5	102.7	110.4	–	110.4
32 Route 117 – Réservoir-Dozois – Réfection	618	1	08	12.3	16.7	–	16.7	29.0	–	29.0
33 Route 138 entre Kegaska et La Romaine – Construction	155	2	09	30.8	50.7	292.1	342.8	373.6	140.0	513.6
34 Route 389 (A) entre Fire Lake et Fermont – Reconstruction	127	2	09	20.6	38.1	104.0	142.1	162.7	117.5	280.2
35 Route 138 entre Tête-à-la-Baleine et La Tabatière – Construction	156	2	09	4.4	9.0	123.6	132.7	137.1	44.8	181.9
36 Route 389 (B) entre Baie-Comeau et la centrale Jean-Lesage (Manic-2) – Reconstruction	306		09	40.5	23.4	11.2	34.6	75.1	46.7	121.8
37 Route 138, côte Arsène-Gagnon – Les Bergeronnes – Reconstruction	146		09	79.2	1.8	2.4	4.2	83.4	–	83.4
38 Route 389 (E) entre la centrale René-Lévesque (Manic-3) et le barrage Daniel-Johnson (Manic-5) – Reconstruction	623	1	09	11.5	1.3	35.0	36.3	47.8	0.1	47.9
39 Route 389 (D) entre la centrale Jean-Lesage (Manic-2) et la centrale René-Lévesque (Manic-3) – Reconstruction	622	1	09	17.4	–	15.7	15.7	33.1	3.1	36.2
40 Réseau routier, divers sites – Îles-de-la-Madeleine – Réfection	473	1	11	16.1	5.4	0.3	5.7	21.8	–	21.8
41 Route 199, divers secteurs – Îles-de-la-Madeleine – Réfection	715	1	11	11.6	3.0	3.0	6.0	17.7	–	17.7
42 Autoroute 20 entre la route du Président-Kennedy et l'accès au pont Pierre-Laporte – Lévis – Élargissement	286	2	12	9.1	6.8	54.3	61.1	70.3	–	70.3
43 Autoroute 20, direction est, entre Saint-Apollinaire et Laurier-Station – Reconstruction	611	2	12	18.3	9.5	30.5	40.0	58.3	–	58.3
44 Autoroute 20 – Saint-Janvier-de-Joly – Reconstruction	472		12	26.2	12.7	–	12.7	38.9	–	38.9
45 Échangeur des autoroutes 440 et 15, bretelle aérienne – Laval – Construction	791	2	13	7.9	10.0	171.5	181.4	189.4	–	189.4
46 Autoroute 25 entre Saint-Esprit et Sainte-Julienne – Construction et réfection	785	2	14	4.0	6.6	275.9	282.5	286.5	–	286.5
47 Voie de contournement – Saint-Lin–Laurentides – Construction	793	2	14	2.3	5.5	55.4	60.8	63.2	0.1	63.3

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					Total
					2022-2023	2023-2032	Total			
48 Pont Rivest – Repentigny – Reconstruction	616	2	14	0.8	7.7	11.9	19.7	20.5	12.6	33.1
49 Route 117 entre Labelle et Rivière-Rouge – Élargissement	218	2	15	4.6	10.0	207.5	217.6	222.3	–	222.3
				6,007.8	1,165.6	5,496.0	6,661.8	12,670.1	1,687.4	14,357.3
Public transit component										
50 Autoroute 15, direction nord, entre Boisbriand et Mirabel, voie réservée – Aménagement	322	2	15	5.3	10.8	175.7	186.5	191.7	–	191.7
51 Autoroute 20, direction est, entre Beloeil et Sainte-Julie, voie réservée – Aménagement	358	2	16	8.0	4.4	142.4	146.9	154.8	–	154.8
52 Autoroute 30 entre Brossard et Boucherville, chaussée et UAB – Réfection et aménagement	781	1	16	44.0	12.4	4.1	16.5	60.6	–	60.6
				57.3	27.6	322.2	349.9	407.1	–	407.1
Total				6,065.1	1,193.2	5,818.2	7,011.7	13,077.2	1,687.4	14,764.4

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
Road network component			
1 Pont Arthur-Bergeron et route 132 – Grand-Métis – Reconstruction et réaménagement	795		01
2 Route 293 – Notre-Dame-des-Neiges – Réaménagement	794		01
3 Autoroute 70 entre Grande-Anse et La Baie – Construction	211		02
4 Pont de la route 169 au-dessus de la rivière Métabetchouane – Desbiens – Réfection	923	5	02
5 Route 170 – L'Anse-Saint-Jean – Réaménagement	796		02
6 Route 170 à Saint-Bruno et route 169 vers Alma – Construction	200		02
7 Pont de l'Île-d'Orléans entre Québec et l'Île-d'Orléans – Reconstruction	96		03
8 Ponts d'étagement de l'autoroute 40 (Félix-Leclerc) au-dessus des boulevards Masson et de l'Ormière – Québec – Reconstruction	925	5	03
9 Ponts de l'autoroute 40 (Félix-Leclerc) au-dessus de la rivière Saint-Charles – Québec – Reconstruction	922	5	03
10 Pont de Québec entre Québec et Lévis, tablier – Reconstruction	152		03-12
11 Tunnel entre Québec et Lévis – Construction	209		03-12
12 Pont de la route 138 au-dessus de la rivière Batiscan – Batiscan – Reconstruction	166		04
13 Autoroute 35 entre Saint-Armand et la frontière américaine (phase IV) – Construction	104		05
14 Échangeur Darche – Sherbrooke – Reconstruction et réaménagement	929	5	05
15 Autoroute 40 (Métropolitaine) secteur est, entre les boulevards Provencher et Saint-Laurent – Montréal – Réfection	323		06
16 Avenue Souigny entre les rues Dickson et Notre-Dame (port de Montréal) – Construction	184		06
17 Rue Notre-Dame Ouest entre le boulevard Angrignon et la rue De Courcelle (secteur de Turcot) – Montréal – Réaménagement	345		06
18 Pont Charles-De Gaulle entre Montréal et Terrebonne – Réfection	613		06-14
19 Pont de l'Île-aux-Tourtes entre Vaudreuil-Dorion et Senneville – Reconstruction	99		06-16
20 Pont Honoré-Mercier entre Montréal et Kahnawake – Reconstruction	95		06-16
21 Pont Alonzo-Wright et approches est et ouest – Gatineau – Construction et réaménagement	343		07
22 Autoroute 50 entre L'Ange-Gardien et Mirabel – Élargissement et réaménagement	208		07-15
23 Route 138 – Traverse Tadoussac–Baie-Sainte-Catherine – Réaménagement	266		09
24 Route 138, côte Nadeau – Baie-Trinité – Réaménagement	620	5	09
25 Route 199, secteur de la Jetée du Détroit – Îles-de-la-Madeleine – Construction	928	5	11
26 Route 199, secteur de Pointe-aux-Loups – Îles-de-la-Madeleine – Réaménagement	926	5	11
27 Autoroute 73 – Saint-Georges – Prolongement	792		12
28 Échangeur de l'autoroute 20 et de la route 173 – Lévis – Réfection et réaménagement	179		12
29 Autoroute 19 entre Laval et Bois-des-Filion – Construction	143		13-14-15
30 Pont Gédéon-Ouimet (autoroute 15) entre Laval et Boisbriand – Reconstruction	76		13-15
31 Pont Vachon (autoroute 13) entre Laval et Boisbriand – Réfection	189		13-15
32 Chemin de Manawan entre Lac-Matawin et Saint-Michel-des-Saints – Réfection	612		14
33 Échangeur de l'autoroute 640 et de la montée des Pionniers – Terrebonne – Réfection	927	5	14
34 Pont de Bailleul et route 341 entre l'autoroute 40 et la route 344 – L'Assomption – Reconstruction et élargissement	784		14
35 Route 158 entre Saint-Alexis et Joliette – Réaménagement	344		14
36 Pont du Boys Farm sur la route 117 – Prévost – Reconstruction	713		15
37 Autoroute 20 entre Mont-Saint-Hilaire et Saint-Hyacinthe – Réfection	197		16
38 Autoroute 30 entre Brossard et Boucherville – Élargissement	202		16

Name	# TB	Notes	Region
39 Échangeur Saint-Alexandre de l'autoroute 35 – Construction	797		16
40 Pont Maurice-Martel (autoroute 30) – Sorel-Tracy – Réfection	198		16
41 Route 104 (chemin de Saint-Jean) – La Prairie – Élargissement et réaménagement	790		16
42 Route 116, écran antibruit – Longueuil – Construction	924	5	16
43 Autoroute 55 entre Bécancour et Sainte-Eulalie – Élargissement et réaménagement	199		17
Public transit component			
44 Réseau de mesures préférentielles en transport collectif – Région métropolitaine de Québec – Aménagement	827	5-11	03
45 Autoroute 440, direction est, entre la route 125 et l'autoroute 25, voie réservée – Laval – Aménagement	789		13
46 Autoroute 25, direction nord, entre Laval et Terrebonne, voie réservée – Aménagement	788		13-14
47 Autoroute 15, chaussée et voies réservées – Laval et Boisbriand – Réfection et aménagement	217		13-15
48 Autoroute 10 entre Brossard et Carignan, voies réservées – Aménagement	787		16
49 Échangeur des autoroutes 30 et 40, voie réservée – Vaudreuil-Dorion – Aménagement	782		16
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$8,323.8 M

Under study (projects of \$100.0 million or more)

Name	# TB	Notes	Region
Road network component			
1 Autoroute 20 entre Notre-Dame-des-Neiges et Rimouski – Bonification	930	6	01
2 Échangeurs au nord des ponts Pierre-Laporte et de Québec intégrant des mesures pour le transport collectif – Maintien et bonification	97		03
3 Pont entre Tadoussac et Baie-Sainte-Catherine – Bonification	216		03-09
4 Autoroute 40 (Métropolitaine) secteur ouest, entre le boulevard Saint-Laurent et l'autoroute 520 – Montréal – Maintien	113		06
5 Boulevard Cavendish entre l'autoroute 13 et l'autoroute 15 – Montréal – Bonification	115		06
6 Échangeur Saint-Pierre – Montréal – Maintien	98		06
7 Route 138 entre La Romaine et Tête-à-la-Baleine – Bonification	361		09
8 Route 138 entre La Tabatière et Vieux-Fort – Bonification	362		09
9 Autoroute 13 entre Saint-Eustache et Mirabel – Bonification	274		15
10 Place Charles-Le Moyne – Longueuil – Bonification	203		16
11 Route 132 entre Delson, Sainte-Catherine et Saint-Constant – Bonification	277		16
Public transit component			
12 Réseau de mesures préférentielles en transport collectif – Région métropolitaine de Montréal – Bonification	276	12	06-13-15-16
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$137.2 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$15,199.9 M
Total for the sector			\$30,672.6 M

Projects removed from the list of published projects in the 2021-2031 QIP

	Name	# TB	Notes	Region
1	Route 132 entre la voie ferrée et le cours d'eau Saint-Laurent – Val-Brillant – Réfection	470	8	01
2	Route 169, voie de contournement des quartiers de L'Isle-Maligne et de Delisle – Alma – Construction	147	8	02
3	Autoroute 973 entre la sortie Lebourgneuf et la rue de la Croix-Rouge – Québec – Bonification	210	10	03
4	Autoroute 410, voie de contournement (phase II) – Sherbrooke – Construction	87	8	05
5	Échangeur de l'autoroute 13 et de l'autoroute 40, diverses structures – Montréal – Réfection et reconstruction	187	8	06
6	Pont Louis-Bisson entre Montréal et Laval – Réfection	480	8	06-13
7	Route 117, voie de contournement – Rouyn-Noranda – Construction	64	8	08
8	Route 138, diverses sections entre Baie-Comeau et Port-Cartier – Reconstruction	195	8	09
9	Route 389 (C) au nord du barrage Daniel-Johnson (Manic-5) – Reconstruction	621	8	09
10	Route 132 entre Pabos Mills et Newport – Réfection	469	8	11
11	Échangeur de l'autoroute 20 et de la route 171 – Lévis – Réaménagement	178	8	12
12	Route 173 et route 277 – Saint-Henri – Réaménagement	196	8	12
13	Ponts d'étagement du chemin de Sainte-Anne-des-Lacs et du chemin du Moulin sur l'autoroute 15 – Sainte-Adèle – Réfection	478	8	15
14	Pont Gouin entre Saint-Jean-sur-Richelieu et Iberville – Reconstruction	78	8	16
1	The infrastructure regarding this project is in service in partial or complete operation.			
2	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4	Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5	Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6	Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8	The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9	A major reconstruction or repair project for this infrastructure is currently "under study," "in planning" or "in progress."			
10	This project was incorporated into the project titled "209 - Tunnel entre Québec et Lévis – Construction."			
11	The name of the project was changed. Initially, it was called "Voies réservées sur les autoroutes 73, 573, 973, 40 et 440 ainsi que sur le réseau municipal – Québec – Aménagement."			
12	The name of the project was changed. Initially, it was called: "Voies réservées sur les autoroutes 13, 20, 25, 440, 640 et la route 116 – Région métropolitaine de Montréal – Bonification"			
13	The contribution from the Gouvernement du Québec to projects in the Road Network sector is provided by the Land Transportation Network Fund.			

2.4.3 Portrait of infrastructure and investment strategies — Road network

Good condition (ABC)
56%

AMD
\$19,417 million

2022-2032 QIP
\$30,673 million

□ Portrait of infrastructure

The road network under the responsibility of the MTQ consists of the following infrastructure:

- 31,091 kilometres of roadways, including autoroutes, as well as national, regional and collector roads;
- 5,495 highway system structures,⁵ including overpasses, bridges over watercourses, tunnels and retaining walls;
- 4,264 municipal bridges, which the MTQ has been responsible for managing since 2007;
- 62,035 culverts less than 3 m wide, located throughout the highway system.

□ 2022-2032 QIP investments

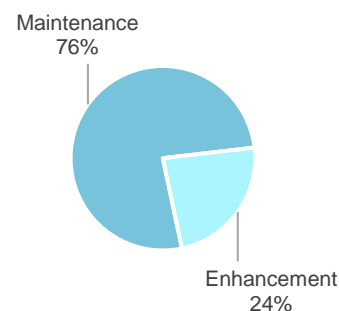
The government plans to invest near \$30.7 billion in the road network over the next 10 years. Most of these investments are intended to maintain and restore the current infrastructure portfolio.

Specifically, close to \$23.5 billion, or 76% of total investments, will be allocated to maintain assets and to address the AMD of road network infrastructure. Furthermore, to pursue development of the infrastructure portfolio and address increased demand in certain road network corridors, \$7.2 billion in investments will be used to expand and extend several roadway segments, such as the expansion of Autoroute 73 (Henri-IV) in Québec City and the extension of Route 138 on the Côte-Nord. These investments will also be used to build new road links needed to improve network functionality and traffic flow, such as the extension of Autoroute 19 from Laval to Bois-des-Filion.

Investments in the 2022-2032 QIP by type

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	Road Network	%
Infrastructure Maintenance		
Asset Maintenance	10,786.4	
AMD management	11,110.5	
Remplacement	1,565.4	
Subtotal	23,462.3	76
Infrastructure Enhancement	7,210.3	24
Total	30,672.6	100



Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

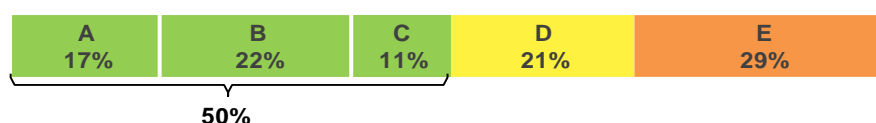
⁵ The highway system corresponds to the road network consisting of autoroutes, as well as national, regional, collector and resource access roads.

□ Investment strategy to maintain the infrastructure

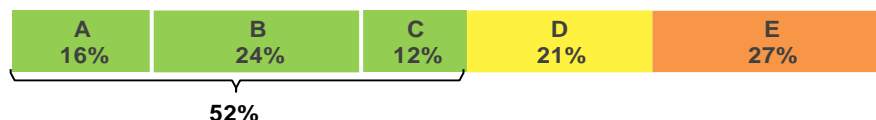
Condition indicator

Highway system roadways

By length



By value



Across the highway system, the proportion of roadways in good condition (GCI of A, B or C) stands at 50% according to length and 52% according to value. This assessment is based on a combination four indicators, namely ride comfort (measured using the international roughness index), rutting, cracking and vulnerability to freezing. This set of indicators is used to assess condition based on the full range of investment requirements needed to ensure sustainability.

The MTQ has adopted a planning strategy for roadways conservation interventions to ensure that road network users enjoy a high level of service and to maximize the long-term benefits of investments. The challenge is to invest in the right roadway at the right time by using the proper technique through optimum planning of interventions and by avoiding the “worst is first” reflex.

Accordingly, the MTQ plans to allocate most available investments to rehabilitation interventions offering superior benefits and returns in relation to cost and focused on restoring roadways to good condition and reducing of their AMD. The short-term goal will be to carry out an optimal number of interventions that will extend considerably the useful life and improve ride comfort of roadways while reducing a significant amount of AMD.

The evolving strategy will be adapted to each MTQ territory based on conditions and required interventions on their networks, financial parameters as well as the targets set in the MTQ strategic planning.

To that end, and to achieve the 53% target of roadways in good condition (GCI of A, B or C according to length) by 2023, the MTQ will plan interventions based on modern principles of sound road asset management. This relies on five complementary components:

- Initiate immediate work on roadways where the pavement condition could compromise safety;
- Perform preventive work to keep roadways in good condition and extend their useful life by means of economic interventions;
- Carry out minor rehabilitation interventions offering superior benefits and returns in relation to cost based on the residual useful life of the roadways;
- Carry out major rehabilitation interventions offering superior benefits and returns in relation to cost based on the residual useful life of the roadways;
- Limit work that addresses other considerations and contingencies through interventions that do not fall under other components.

In addition to the parameters established above, the MTQ aims to strike a balance between investments in complex interventions that remedy major deficiencies and investments in basic interventions that remedy minor deficiencies. Furthermore, special attention should be paid to heavily used road segments that display rutting.

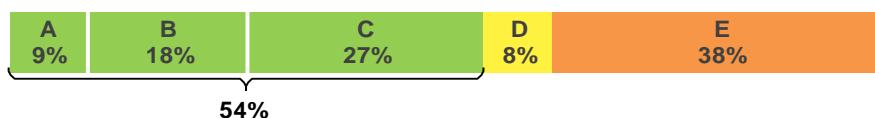
Structure condition indicator

Highway system

By number

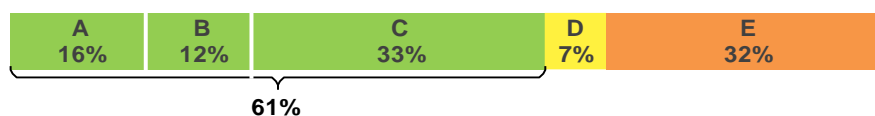


By value

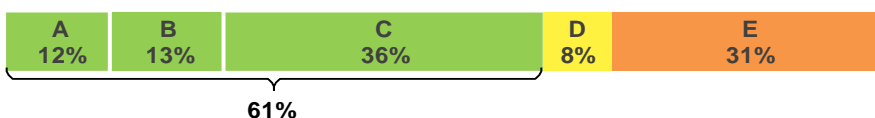


Municipal bridges

By number



By value

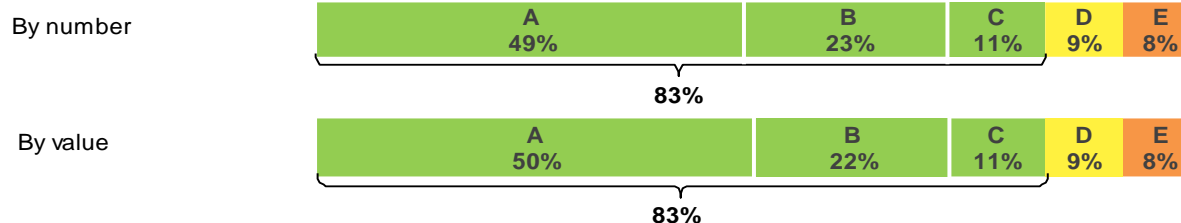


The intervention strategy put forward by the MTQ Direction générale des structures for implementation by its territorial divisions, with the aim of maintaining structures in good condition (GCI of A, B or C), is based on the following components:

- Slowing the pace at which structures deteriorate through targeted preventive maintenance interventions and low-cost repairs likely to postpone investments in major interventions by between five and 10 years;
- Reducing the number of structures to be repaired on the RSSCE;
- Focusing efforts to repair structures on interventions limited to correcting structural deficiencies or other safety issues, while avoiding “non-priority” interventions;
- Making medium- and long-term changes to how structure intervention needs are addressed, with an eye to increasing the time available for planning and undertaking major repair work.

Given that the ability to perform work is limited and the needs to be addressed are extensive, the intervention strategy should prioritize projects that ensure public safety and maximize the long-term sustainability of the infrastructure portfolio. According to its 2019-2023 Strategic Plan, the MTQ aims to achieve the following targets by 2023:

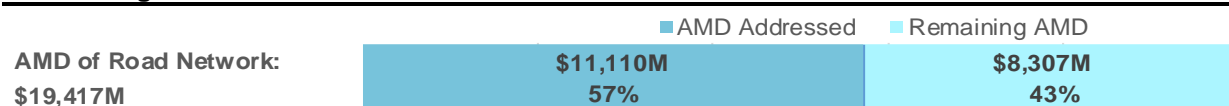
- 79% of highway system structures in good condition;
- 61% of municipal bridges in good condition.

Condition indicator**Culverts under 3 m**

Across the road network, most (83% according to both length and value) culverts less than 3 m wide are in good condition and require no major short-term interventions. Culverts in poor and very poor condition (GCI of D or E) need to be monitored very closely, since they will require repair, rehabilitation or reconstruction in the coming years.

To improve the situation, the integrated strategy for culverts less than 3 m wide aims to optimize interventions in a way that ensures user safety, optimal resource use and culvert sustainability, while pursuing the following priorities:

- Undertaking interventions on culverts posing a risk to user safety or that are necessary to maintain the level of road network service;
- Undertaking interventions on culverts located underneath roadway projects;
- Undertaking preventive interventions on culverts in good condition (GCI of A, B or C);
- Undertaking interventions on culverts in poor condition (GCI of D or E), in cases where only minor work is required to restore them to good condition.

Investment strategy to address the AMD**Addressing the AMD^{1,2}**

¹ Level of planned investments in the 2022-2032 QIP to carry out interventions on assets with an AMD.

² Residual AMD includes AMD of infrastructures on which investments were made prior to the 2022-2032 QIP, but for which the reduction of the AMD will be recognized when it is commissioned.

The AMD, which totals \$19.4 billion, is the result of an under-investment in road infrastructure maintenance, especially between 1980 and 2000. The details are as follows:

- Highway system roadways: \$9.3 billion;
- Highway system structures: \$8.4 billion;
- Municipal bridges: \$0.6 billion;
- Culverts less than 3 m wide: \$1.1 billion.

As a significant proportion of road infrastructure was built between 1960 and 1970, much of it is reaching the end of its useful life; reconstruction will require significant investments in the coming years.

Investments of \$11.1 billion have been allocated to the 2022-2032 QIP to address the AMD by carrying out interventions on assets, with the potential to eventually reduce the total AMD currently listed by up to 57%. However, the natural deterioration of road infrastructure will affect variations in the AMD in the coming years.

Furthermore, it should be noted that investments made and planned will make it possible to reduce the AMD but only after the infrastructure has been commissioned.

Moreover, the work carried out in relation to the improvement of existing infrastructures, in particular to improve road safety, traffic management or to address sustainability issues related to the adaptation to climate change, requires that an increasingly significant portion of investment envelopes is allocated to infrastructure maintenance.

Highway system roadways

As part of its overall roadway maintenance intervention strategy, the MTQ plans to allocate most available investments to corrective measures offering superior benefits and returns in relation to cost by restoring roadways to good condition (GCI of A, B or C) and to manage the AMD. When prioritizing interventions, the MTQ is careful to strike a balance between major and minor repairs, with the short-term aim of undertaking an optimal number of interventions that will extend considerably the useful life and improve ride comfort of roadways while reducing a significant amount of AMD.

Highway system structures and municipal bridges

A large majority of highway system structures were built between 1960 and 1980. As a result, many are at or near the end of their useful life. Furthermore, a very large proportion of the AMD is associated with a limited number of major structures.

Accordingly, as part of the strategic planning of work to be carried out in the coming years, the MTQ intends to undertake several major reconstruction and repair projects on key highway system structures that are in very poor condition (GCI of E). These projects will serve to significantly reduce the AMD. These projects include:

- Reconstruction of the Honoré-Mercier, Île-d'Orléans and Île-aux-Tourtes bridges;
- Repairs to the Pierre-Laporte and Laviolette bridges;
- Repairs to the eastern sector of the Autoroute Métropolitain in Montréal;
- Repairs to the Ville-Marie and Viger tunnels;
- Repairs to the Louis-Hipolyte-La Fontaine tunnel.

However, because the planning required before undertaking these major projects could take several years, investments have been allocated for keeping these structures in service until major repair or reconstruction work can be completed.

- For example, planning is currently underway for the Île-d'Orléans Bridge reconstruction project, which will make it possible to eliminate the structure's cumulative AMD. Meanwhile, investments have been allocated for asset maintenance work required on the existing bridge before the new bridge is scheduled to be placed in service.

Culverts with openings less than 3 m wide:

The interventions prioritized in the intervention strategy involve repairing, rehabilitating and replacing culverts in poor condition (GCI of D and E), thereby helping reduce their AMD. The strategy also aims to carry out interventions on culverts in good condition (GCI of A, B and C) to slow down their deterioration, thereby preventing future increasing in their AMD.

Furthermore, to optimize costs and reduce traffic impact, the MTQ will prioritize integrated asset management by undertaking interventions on culverts in poor or very poor condition (GCI of D or E) at the same time as roadway projects.

□ Investment strategy to enhance the infrastructure

To address the increasing demand on the road network in certain corridors that have reached a saturation point, the MTQ investment strategy to enhance the portfolio in the coming years will prioritize the following interventions:

- Improving user safety;
- Improving network functionality by optimizing traffic flow where congestion occurs;
- Improving the transportation network's resilience to natural hazards and climate change:
 - The MTQ 2019-2023 Strategic Plan calls for the completion, by 2023, of 25 roadway projects addressing climate change.

Furthermore, a significant quantity of infrastructure will need to be repaired or rebuilt in the coming years. Within the framework of these projects, the MTQ will assess whether the infrastructure in question should be improved or upgraded based on the intervention priorities listed above.



2.5 Public transit

2.5.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Continuation of the Government of Quebec, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	274.1	204.9	207.6	185.8	262.5	1,134.9	386.8	1,521.7	11.4	2,074.5	16.2
AMD management	—	—	—	—	—	—	—	—	—	—	—
Replacement	116.4	117.5	202.3	267.0	116.4	819.7	228.6	1,048.3	7.8	894.9	7.0
Subtotal	390.5	322.5	409.9	452.8	378.9	1,954.6	615.4	2,570.0	19.2	2,969.5	23.1
Infrastructure enhancement	627.7	1,037.1	1,371.3	1,211.4	1,469.5	5,716.9	5,108.6	10,825.6	80.8	9,860.8	76.9
Total	1,018.2	1,359.6	1,781.1	1,664.2	1,848.4	7,671.5	5,724.1	13,395.6	100.0	12,830.3	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.5.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution in millions of dollars

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
1 Métro de Montréal, voitures de métro AZUR – Remplacement	5	1	06	1,415.6	23.6	86.7	110.3	1,525.8	507.8	2,033.6
2 Métro de Montréal, programme Réno-Systèmes (phase V) – Maintien et bonification	171	2	06	57.8	49.1	455.3	504.4	562.2	243.2	805.5
3 Métro de Montréal, programme Réno-Systèmes (phase IV) – Maintien et bonification	172	1	06	377.1	14.7	–	14.7	391.8	190.7	582.5
4 Métro de Montréal, voitures de métro AZUR additionnelles – Acquisition	258	1	06	257.3	2.4	41.2	43.5	300.9	279.8	580.7
5 Garage Côte-Vertu de la STM – Montréal – Construction	175	1	06	258.6	8.0	60.7	68.7	327.3	193.8	521.1
6 Métro de Montréal, programme Réno-Infrastructures (phase III) – Maintien et bonification	173	2	06	303.8	39.4	18.9	58.3	362.1	141.9	504.0
7 Métro de Montréal, programme Réno-Systèmes (phase III) – Maintien et bonification	37	1	06	261.9	0.8	–	0.8	262.7	237.3	500.0

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
8 Centre de transport Bellechasse de la STM – Montréal – Construction	224		06	136.6	68.7	58.2	126.9	263.5	106.8	370.3
9 Métro de Montréal, programme Accessibilité des stations (phase I) – Bonification	191	1	06	248.1	18.0	–	18.0	266.1	95.7	361.8
10 Métro de Montréal, programme Accessibilité des stations (phase II) – Bonification	220	2	06	30.5	13.5	129.4	142.9	173.4	143.3	316.7
11 Centre d'entretien Pointe-Saint-Charles d'exo – Montréal – Construction	130	1	06	188.8	2.6	17.6	20.3	209.1	102.6	311.7
12 Métro de Montréal, programme Réno-Infrastructures (phase II) – Maintien et bonification	174	1	06	189.7	21.5	–	21.5	211.1	92.2	303.3
13 Complexe Crémazie de la STM – Montréal – Reconstruction	183	1	06	76.9	10.0	3.7	13.7	90.5	164.0	254.5
14 Réseau de trains de banlieue d'exo, locomotives diesel – Région métropolitaine de Montréal – Remplacement	284	2	06	0.1	12.4	141.2	153.6	153.6	51.2	204.9
15 Réseau de trains de banlieue d'exo, voitures passagers (type 2000) – Région métropolitaine de Montréal – Remplacement	137	1	06	39.4	9.4	32.1	41.4	80.8	31.4	112.2
16 Édicule et passerelle piétonnière au pôle multimodal Vendôme – Montréal – Construction	119	1	06	93.6	10.6	6.2	16.8	110.3	–	110.3
17 Réseau de trains de banlieue d'exo, voitures passagers (type 2000) – Région métropolitaine de Montréal – Acquisition	285		06	18.4	4.0	44.0	48.0	66.4	25.8	92.2
18 Centre de transport Anjou de la STM – Montréal – Agrandissement	282	1	06	51.1	3.1	4.4	7.5	58.6	20.6	79.2
19 Centre de transport Legendre de la STM – Montréal – Agrandissement	329	1	06	48.3	2.9	4.1	7.1	55.3	19.5	74.8
20 Centre d'attachement Viau de la STM – Montréal – Agrandissement	281	1	06	2.8	20.0	1.6	21.6	24.4	46.9	71.3
21 Centre de transport Saint-Laurent de la STM – Montréal – Agrandissement	332	1	06	42.6	2.6	3.7	6.2	48.8	17.2	66.0
22 Métro de Montréal, voitures de métro MR-73 (phase I) – Maintien et bonification	176	1	06	37.2	7.6	–	7.6	44.7	17.7	62.4
23 Gare Montréal-Ouest (secteur nord) – Montréal – Construction et réaménagement	915	4	06	6.4	7.6	7.2	14.8	21.2	8.2	29.5
24 Service rapide par bus intégré sur le boulevard Pie-IX entre Montréal et Laval – Aménagement et construction	133		06-13	203.6	60.2	81.2	141.4	345.0	127.5	472.5

Name	# TB	Notes	Region	Contribution from Québec					Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP			Total		
					2022-2023	2023-2032	Total			
25 Voies réservées du Rapibus de la STO (phase II) – Gatineau – Prolongement	467	2	07	13.6	11.1	10.6	21.6	35.2	17.6	52.8
26 Garage de la STL (phase IV) – Laval – Construction	226	2	13	10.0	15.5	117.5	132.9	142.9	104.3	247.2
27 Terminus Châteauguay d'exo, quais – Réfection	636	2	16	3.7	3.3	12.6	15.9	19.6	7.7	27.3
Total				4,373.5	442.6	1,338.1	1,780.4	6,153.3	2,994.7	9,148.3

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Centre Newton du RTC – Québec – Acquisition et réaménagement	336	3	03
2 Centre opérationnel Lebourgneuf du RTC – Québec – Construction	630		03
3 Réseau structurant de transport en commun de la Ville de Québec – Construction	181		03
4 Tunnel entre Québec et Lévis (volet transport collectif) – Construction	320		03-12
5 Réseau structurant de transport en commun de la STS (phase I) – Sherbrooke – Aménagement	917	5	05
6 Centre d'attachement nord-ouest de la STM – Montréal – Construction	316		06
7 Centre de transport de l'Est de la STM – Montréal – Construction	283		06
8 Centres de transport de la STM, programme d'électrification (phase II) – Montréal – Bonification et maintien	920	5	06
9 Centres de transport de la STM, programme d'électrification (phase I) – Montréal – Bonification et maintien	773		06
10 Gare Lucien-L'Allier d'exo, quais – Montréal – Reconstruction	716		06
11 Métro de Montréal, ligne bleue de la station Saint-Michel à Anjou – Prolongement	39		06
12 Métro de Montréal, système de contrôle des trains sur la ligne bleue – Remplacement	317		06
13 Métro de Montréal, voitures de métro MR-73 (phase II) – Maintien et bonification	909	5	06
14 Centre de transport de la STO – Gatineau – Agrandissement	774		07
15 Voies réservées du Rapibus de la STO (phase III) – Gatineau – Prolongement	204		07
16 Centre de services au Terminus Lagueux de la STLévis – Lévis – Construction	783		12
17 Mesures prioritaires pour le transport collectif sur le boulevard Guillaume-Couture – Lévis – Aménagement	221		12
18 Mesures prioritaires pour le transport collectif sur le boulevard Le Corbusier – Laval – Aménagement	635		13
19 Centre d'exploitation de Saint-Hubert du RTL – Longueuil – Construction	633		16
20 Centre d'exploitation de Saint-Hubert du RTL (phase II) – Longueuil – Réfection	916	5	16
21 Centre d'exploitation du Vieux-Longueuil du RTL (phase I) – Longueuil – Réfection	289		16
22 Garage d'exo – Montérégie (secteur Sainte-Julie) – Construction	918	5	16
23 Garage d'exo – Montérégie (secteur La Presqu'île) – Construction	919	5	16
24 Gares de l'Île-Perrot d'exo – Montérégie – Réfection	772		16
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$8,341.6 M

Under study (projects of \$100.0 million or more)

Name	# TB	Notes	Region
1 Centre Métrobus du RTC – Québec – Bonification	335		03
2 Projet structurant de transport collectif électrique pour relier le Sud-Ouest de Montréal au centre-ville – Bonification	279		06
3 Projets structurants de transport collectif électrique pour prolonger le REM vers le centre de Laval et relier l'Est et l'Ouest de Laval – Bonification	364		06-13
4 Projet structurant de transport collectif électrique entre l'ouest de Gatineau et le centre-ville d'Ottawa – Bonification	192		07
5 Projet structurant de transport collectif de type service rapide par bus dans l'axe des boulevards Notre-Dame et de la Concorde – Laval – Bonification	340		13
6 Projets structurants de transport collectif électrique dans les axes du boulevard Taschereau et du prolongement de la ligne jaune du réseau de métro – Bonification	278		16
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$304.1 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$2,969.5 M
Total for the sector			\$13,395.6 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Garage au centre d'entretien Lachine d'exo – Montréal – Construction	631	9	06
2 Métro de Montréal, portes palières sur la ligne orange (phase I) – Acquisition	321	9	06
3 Métro de Montréal, postes abaisseurs pour l'alimentation électrique (phase I) – Réfection	288	9	06
4 Métro de Montréal, programme Réno-Infrastructures (phase I) – Maintien et bonification	48	8	06
5 Centre de transport de la STO, électrification – Gatineau – Agrandissement	771	12	07
6 Centre d'exploitation de Saint-Hubert du RTL (phase I) – Longueuil – Réfection	182	10	16
7 Centre d'exploitation du Vieux-Longueuil du RTL (phase II) – Longueuil – Réfection	632	9	16
8 Voies réservées sur les boulevards du Quartier Sud et Rome – Brossard et Longueuil – Aménagement	634	11	16
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9 This project was removed from programming in favour of other projects.			
10 The scope of the project was reduced. The total estimated cost is now below the \$20.0 million threshold.			
11 This project was split into two separate projects of under \$20.0 million each.			
12 This project was incorporated into the "774 - Centre de transport de la STO – Gatineau – Agrandissement".			

2.5.3 Portrait of infrastructure and investment strategies — Public transit

Good condition (ABC)
80%

2022-2032 QIP
\$13,396 million

□ Portrait of infrastructure

The public transit corporations' infrastructure portfolio is comprised of:

- Civil engineering works, such as métro stations, tunnels and auxiliary structures⁶, reserved bus lanes, incentive parking lots and railroads;
- Equipment such as métro cars, buses, train system's passenger cars and locomotives, emergency response vehicles and all other equipment required for service continuity;
- Buildings such as terminals and bus shelters, garages for mechanical maintenance of equipment, stations, and administrative and service buildings.

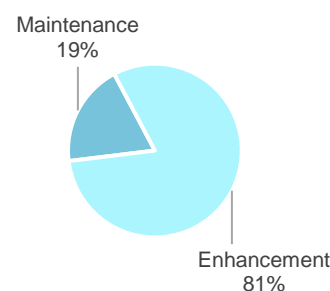
□ 2022-2032 QIP investments

The government plans to invest nearly \$13.4 billion over the next 10 years in the public transit sector, the majority of which, i.e., \$10.8 billion (81%), will be used to develop the network. Furthermore, to provide for safe, dependable and fast services and to counter the deterioration of the infrastructure portfolio, investments of nearly \$2.6 billion are planned to maintain and replace infrastructure at the end of its useful life.

Investments in the 2022-2032 QIP by type

(contribution by the Gouvernement du Québec, in millions of dollars and as a percentage)

	Public transit	%
Infrastructure Maintenance		
Asset Maintenance	1,521.7	
Replacement	1,048.3	
Subtotal	2,570.0	19
Infrastructure Enhancement	10,825.6	81
Total	13,395.6	100

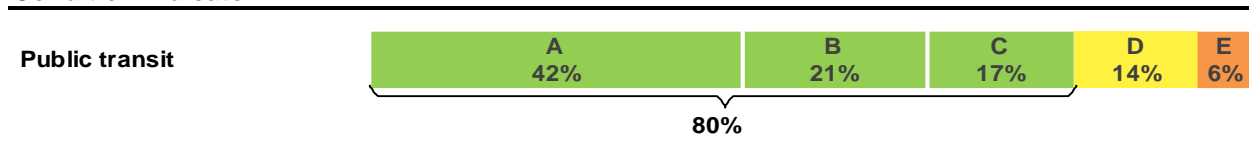


Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

⁶ The auxiliary structures correspond to the infrastructure that contains the métro's electrical and mechanical equipment.

❑ Investment strategy to maintain the infrastructure

Condition indicator



The infrastructure portfolio of public transit corporations is mainly in good condition (GCI of A, B or C). This situation illustrates the efforts made by these corporations, while supported by the MTQ assistance programs, to maintain and develop infrastructures that delivers efficient, quality services and meets the needs of Quebecers.

The infrastructure maintenance strategy is based on the following priorities:

- Ensure a safe, high-quality service offer that meets the current standards;
- Maintain existing assets in good condition (GCI of A, B or C) with continuous replacement and refurbishment of equipment, transportation equipment and infrastructure that has reached the end of its useful life.

In concrete terms, the key investment projects planned for infrastructure maintenance aim to:

- Replace fixed métro equipment, including escalators, ventilation, elevators and train control equipment.
- Perform general repairs to the critical components of civil engineering works such as electrical, mechanical and structural systems;
- Reconstruct and upgrade buildings such as the STM's Complexe Crémazie and the RTL's operations centre in Saint-Hubert and exo's Île-Perrot stations;
- Replace rolling stock, including passenger cars and locomotives from the train network, Métro cars and buses.

❑ Investment strategy to enhance the infrastructure

The investment strategy to enhance public transit infrastructure involves developing a network that brings solutions to congestion issues and addresses environmental concerns by reducing GHG emissions.

This strategy reinforces the 2030 Plan for a Green Economy and the 2021-2026 implementation plan unveiled by the Gouvernement du Québec in November 2020. The 2030 Plan for a Green Economy, which represents the electrification and climate change policy framework, engages Québec in an ambitious project that lays the foundation for a green economy, resilient in the face of climate change, and more prosperous by 2030.

The planned investments in the 2022-2032 QIP will contribute to achieving the 2030 Plan for a Green Economy's objective of reducing the carbon footprint of each transport mode and will address the following priorities:

- Network expansion, primarily by studies or planning project such as:
 - The public transit network in Québec City;
 - Adding an electric public transit between Gatineau's west end and downtown Ottawa;
 - Extending the Montréal métro's blue line from the Saint-Michel station to Anjou;
- The electrification of public transport, in particular through investments dedicated to the acquisition of electric buses;
- Service optimization by enhancing the technical and operational features of existing infrastructure, such as:
 - Construction of new reserved lanes for buses;
 - Ticket booth automation;
 - Improvement of universal accessibility to public transit networks;
 - Addition of smart screens displaying bus arrival times in real time.

Furthermore, these investments are part of the contributing factors that will help attain, by 2030, several targets of the Gouvernement du Québec Sustainable Mobility Policy – 2030, such as:

- Give 70% of Quebecers access to at least four sustainable mobility services;
- Reduce the average travel time between home and work by 20%;
- Reduce solo car trips throughout Québec by 20%;
- Reduce oil consumption in the transportation sector by 40% below the 2013 level;
- Reduce GHG emissions in the transportation sector by 37.5% below the 1990 level.



2.6 Municipalities

2.6.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	211.9	467.3	282.4	477.6	500.6	1,939.8	2,900.0	4,839.8	65.0	5,147.1	68.0
AMD management	—	—	—	—	—	—	—	—	—	—	—
Replacement	324.2	313.7	156.3	135.9	174.5	1,104.6	494.6	1,599.1	21.5	1,610.6	21.3
Subtotal	536.1	781.0	438.7	613.5	675.2	3,044.4	3,394.6	6,439.0	86.4	6,757.8	89.3
Infrastructure enhancement											
	449.5	137.1	160.0	55.5	64.0	866.2	143.2	1,009.4	13.6	811.7	10.7
Total	985.6	918.1	598.7	669.0	739.2	3,910.6	3,537.8	7,448.3	100.0	7,569.5	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.6.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022-2023	2023-2032	Total			
1 Écoquartier, îlot central du technopôle Angus – Montréal – Construction	339		06	18.4	2.2	–	2.2	20.5	229.5	250.0
2 Station d'épuration des eaux usées Jean-R.-Marcotte, unité de désinfection – Montréal – Construction	30		06	36.6	22.1	5.1	27.2	63.8	86.3	150.0
3 Bassins de rétention des eaux usées Rockfield, Lavigne, Leduc et William – Montréal – Construction	31		06	35.3	14.0	–	14.0	49.3	98.7	148.0
4 Oratoire Saint-Joseph – Montréal – Construction et réaménagement	164		06	16.7	4.8	9.3	14.1	30.8	48.4	79.2
5 Station de traitement des eaux usées, usine de production d'oxygène – Montréal – Construction	424		06	0.6	3.4	9.7	13.1	13.7	18.5	32.1
6 Station d'épuration des eaux usées – Saint-Hyacinthe – Réfection	728		16	0.2	7.3	5.1	12.4	12.6	18.9	31.5
7 Réseau d'eau potable et d'eaux usées – Léry (secteur est) – Agrandissement et construction	426		16	10.1	10.0	0.2	10.2	20.3	10.1	30.4
8 Réservoir Beaudet – Victoriaville – Réfection et construction	646	2	17	10.9	5.1	–	5.1	16.0	24.0	40.0
Total				128.8	68.9	29.4	98.3	227.0	534.4	761.2

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Bassins de rétention des eaux usées (ouvrage Saint-Thomas) – Montréal – Construction	651		06
2 Bassins de rétention des eaux usées (ouvrage Turcot) – Montréal – Construction	648		06
3 Grands parcs riverains de l'Île de Montréal – Réfection	567	5	06
4 Ouvrage de protection contre les inondations – Montréal (arrondissement de Pierrefonds-Roxboro) – Construction	649		06
5 Ouvrage de protection contre les inondations – Pointe-Calumet – Construction	491		06
6 Ouvrage de rétention – Ruisseau Wabassee – Construction	650		07
7 Route éolienne – Gaspé – Construction	891	5	11
8 Promenade Gérard-Côté – Saint-Hyacinthe – Réaménagement	824	5	16
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$175.8 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$7,174.2 M
Total for the sector			\$7,448.3 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Centre de glaces – Québec – Construction	120	8	03
2 Ouvrage de protection contre les inondations – Rivière-des-Mille-Îles – Construction	492	9	06
3 Aéroport régional de Rouyn-Noranda – Agrandissement et réfection	423	8	08
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9 This project was split up into four separate infrastructure projects of under \$20.0 million each.			

2.6.3 Portrait of infrastructure and investment strategies — Municipalities

Good condition (ABC)
82%⁷

2022-2032 QIP
\$7,448 million

□ Portrait of infrastructure

Municipalities have a diverse infrastructure portfolio. Principally, it includes municipal water and sewer infrastructure as well as the roadways above drinking water and wastewater pipes. The infrastructure also includes other municipal buildings as well as resilient infrastructure.

Water and sewer infrastructure and roadways over the pipes

The infrastructure portfolio for municipal water and sewer infrastructures essentially consists of:

- 4,213 drinking water supply and production facilities;
- 5,689 water treatment facilities;
- 98,346 kilometres of drinking, rain and wastewater pipes;
- 40,328 kilometres of roadways above pipes.

□ 2022-2032 QIP investments

The government plans to invest over \$7.4 billion in the next 10 years in the Municipalities sector for which at least \$6.4 billion (86%) will be dedicated to infrastructure maintenance.

Most of the investments for infrastructure maintenance is intended for projects to repair or upgrade drinking water and water treatment facilities to standards, or to replace pipes.

In addition, the implementation of important financial assistance programs towards municipalities will allow to achieve, over the next ten years, such as:

- The TECQ, which will make it possible to carry out in work for water, wastewater, local roads and other types of infrastructure;
- The PRIMEAU, which will make it possible to carry out construction, restoration or expansion work on drinking water and water treatment infrastructure, as well as other projects to renew water and sewer pipes;
- The RÉCIM, which will make it possible to carry out work on administrative offices (city halls, borough offices), fire stations, municipal garages and warehouses, and community centres.

Moreover, investments are also planned for the realization of certain projects for other municipal buildings, for seniors and for cultural, community, sports or recreational purposes, as well as for resilient infrastructure to deal with the impacts of climate change, in particular risks related to flooding.

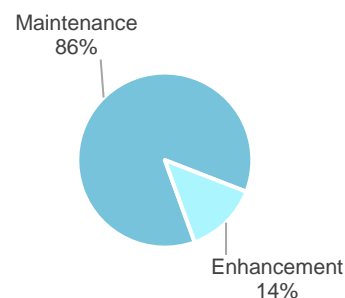
⁷ The statement presented only relates to water and sewer infrastructure and roadways over the lines.

Investments in the 2022-2032 QIP

by type

(contribution by the Gouvernement du Québec, in millions of dollars and as a percentage)

	Municipalities	%
Infrastructure Maintenance		
Asset Maintenance	4,839.8	
Replacement	1,599.1	
Subtotal	6,439.0	86
Infrastructure Enhancement	1,009.4	14
Total	7,448.3	100



Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

Investment strategy to maintain and enhance the infrastructure

Water and sewer infrastructure and roadways over the pipes

Condition indicator⁸



In the process that led to the production of the *Portrait des infrastructures en eau des municipalités du Québec*⁹, the CERIU collected data from municipalities regarding the condition of their water and water treatment infrastructure and roadways over the pipes. Once completed, this overview pinpoints the priority needs of municipalities that will require investment in the coming years. The MAMH takes these priority needs into account in its financial assistance programs and investment priorities.

The overview indicates that water and sewer infrastructure and roadways over the pipes in Québec are mainly in good condition (82% with GCI of A, B or C) while 18% are in poor or very poor condition (GCI of D or E) and will require significant investments to be restored to good condition (GCI of A, B or C). Furthermore, special attention must be paid to the significant number of ageing infrastructures with a moderate risk of breakdown (GCI of C).

In addition to the requirements for restoring the infrastructure portfolio to good condition, municipalities are required to upgrade their water and sewer infrastructure to comply with the regulation (*Regulation respecting the quality of drinking water* and *Regulation respecting municipal wastewater treatment works*).

⁸ The statement presented only relates to water and sewer infrastructure and roadways over the pipes.

⁹ This report can be found at [Rapport annuel 2021 du Portrait des infrastructures en eau des municipalités du Québec | CERIU](#) (in French only).

The MAMH investment strategy takes shape in the development and implementation of financial assistance programs to:

- Meet municipalities' priority needs so they can maintain the basic services provided by their water and sewer infrastructure, thereby contributing to the quality of life of their citizens;
- Support the municipal community in the implementation of flood-resilient developments;
- Allow municipalities to take charge of the cumulative AMD for their infrastructure;
- Prioritize projects that ensure regulatory compliance and address important public health and safety issues;
- Ensure transparent and fair treatment of financial assistance applications from municipalities;
- Require municipalities to carry out, by their own financial means, a minimum number of interventions on their own water infrastructure, without resorting to government subsidies.

The MAMH will revise the terms and conditions and envelopes of the programs, subject to the necessary approvals, to adapt them to changing infrastructure conditions, investment needs and applicable regulations. New funding initiatives can also be developed to address new realities, such as climate change adaptation.

The MAMH financial assistance programs also provide additional financial support to smaller municipalities to help them carry out their investment projects, since they often have major needs but limited financial resources.



2.7 Government administration

2.7.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Contribution of the Government as a fixed, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	122.9	146.5	196.5	220.6	211.5	897.9	900.7	1,798.6	37.7	1,460.7	34.8
AMD management	32.8	42.6	40.2	53.2	27.7	196.5	184.6	381.1	8.0	257.0	6.1
Replacement	56.8	61.8	49.6	38.0	36.2	242.4	181.2	423.7	8.9	421.7	10.0
Subtotal	212.5	250.8	286.3	311.9	275.4	1,336.8	1,266.6	2,603.4	54.6	2,139.4	51.0
Infrastructure enhancement	340.4	330.5	352.3	258.0	169.0	1,450.2	711.2	2,161.4	45.4	2,058.4	49.0
Total	552.9	581.3	638.5	569.9	444.4	2,787.0	1,977.7	4,764.8	100.0	4,197.9	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.7.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contributions in Millions of Dollars										
Name	# TB	Notes	Region	Contribution from Québec				Total	Contribution from partners	Total cost
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
1 Palais de justice de Roberval – Réfection et agrandissement	206		02	27.3	12.9	26.1	39.0	66.2	–	66.2
2 Édifice Marie-Guyart, stationnement – Québec – Réfection	85	1	03	47.2	1.2	5.6	6.8	54.0	–	54.0
3 Édifices Hector-Fabre et Marie-Fitzbach – Québec – Réaménagement	850	4	03	1.4	15.9	18.3	34.2	35.6	–	35.6
4 Édifice du 1141, route de l'Église – Québec – Réfection	726	2	03	1.1	2.5	17.6	20.1	21.2	–	21.2
5 Édifice du 1000, rue Fullum, bloc C – Montréal – Réfection et réaménagement	325		06	8.0	5.4	62.5	67.9	75.9	–	75.9
6 Complexe Desjardins – Montréal – Réaménagement	465		06	2.6	1.4	33.8	35.2	37.8	8.2	46.0
7 Centre des transports d'Anjou – Réaménagement et agrandissement	562	4	06	4.7	9.7	6.3	16.1	20.8	–	20.8
8 Palais de justice de Rouyn-Noranda – Aggrandissement et réaménagement	555		08	2.0	2.7	80.3	83.0	85.0	–	85.0
9 Centre régional de traitement des dépendances – Kuujuaq – Construction	464	2	10	3.4	3.4	1.7	5.1	8.5	32.1	40.6

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
10 Bâtiment d'hébergement temporaire – Puvirnituq – Agrandissement	418		10	20.8	2.1	–	2.1	23.0	–	23.0
11 Centre des transports de Gaspé – Construction	497		11	11.8	10.7	0.4	11.1	22.9	–	22.9
12 Palais de justice de Saint-Hyacinthe – Réaménagement	125		16	21.4	8.1	92.5	100.6	122.0	–	122.0
13 Édifice pour la Délégation générale du Québec à Paris – Réfection et réaménagement	246	2	Outside Québec	2.1	11.6	11.6	23.3	25.3	–	25.3
Total				153.8	87.6	356.7	444.5	598.2	40.3	638.5

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Édifice Gérard-D.-Levesque – Québec – Réfection	259		03
2 Université Laval, Carrefour international – Québec – Construction	956	5	03
3 Édifice Wilfrid-Derome – Montréal – Réfection et réaménagement	569		06
4 Établissement de détention – Montréal – Agrandissement et réaménagement	138		06
5 Palais de justice de Longueuil (phase II) – Agrandissement	735		16
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$574.9 M

Under study (projects of \$50.0 million or more)

Name	# TB	Notes	Region
1 Édifice Marie-Guyart – Québec – Maintien	950	6	03
2 Édifice du 600, rue Fullum – Montréal – Maintien	951	6	06
3 Édifice Gérald-Godin – Montréal – Maintien	558		06
4 Hôpital Royal Victoria – Montréal – Maintien	225		06
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$101.7 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$3,643.7 M
Total for the sector			\$4,764.8 M

Projects removed from the list of published projects in the 2021-2031 QIP

	Name	# TB	Notes	Region
1	Centre de traitement informatique (phases II et III) – Québec – Réaménagement	653	9	03
2	Bâtiments modulaires – Québec, Sherbrooke et Trois-Rivières – Remplacement	655	10	03-04-05
3	Bâtiment administratif pour l'Unité permanente anticorruption – Montréal – Construction	652	11	06
4	Infrastructures policières autochtones – Nord-du-Québec – Construction	742	10	10
1	The infrastructure regarding this project is in service in partial or complete operation.			
2	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4	Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5	Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6	Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8	The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9	This project was incorporated into the "Programme de consolidation des centres de traitement informatique et de l'optimisation du traitement et du stockage," as announced on Tableau de bord en ressources informationnelles du Gouvernement du Québec.			
10	This project was split into many separate infrastructure projects of less than \$20.0 million each.			
11	This project was cancelled because, from a real estate perspective, the focus is now on rented office space.			

2.7.3 Portrait of infrastructure and investment strategies — Société québécoise des infrastructures

Good condition (ABC)
64%

AMD
\$763 million

2022-2032 QIP
\$4,765 million

□ Portrait of infrastructure

The SQI building inventory includes 372 buildings and civil engineering works, totalling a leasable area of more than 1.9 million square metres. Across Québec, there are:

- 63 office buildings used for government administration;
- 91 transportation centres;
- 43 courthouses;
- 14 detention facilities;
- 75 Sûreté du Québec police stations;
- 68 other specialized buildings, including conservatories of music and dramatic art, laboratories, warehouses, non-rental or surplus buildings;
- 18 underground parking lots and tunnels.

Infrastructure of other public bodies included in the Public administration sector includes buildings, furniture and equipment belonging to over 100 government bodies, including Revenu Québec, the RAMQ and Héma-Québec.

□ 2022–2032 QIP investments

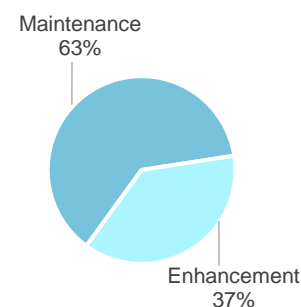
Planned investments for the SQI 2022–2032 QIP ensure a balance between amounts used for maintenance and those intended to enhance the infrastructure portfolio. Those investments will enable the SQI to continue implementing the government's real estate vision and exercising its strategic role in maintaining and developing the properties it operates.

For other bodies, the planned investments mainly aim at the acquisition or replacement of various types of equipment.

Investments in the 2022–2032 QIP by investment type and by body

(contribution by the Gouvernement du Québec, in millions of dollars and as a percentage)

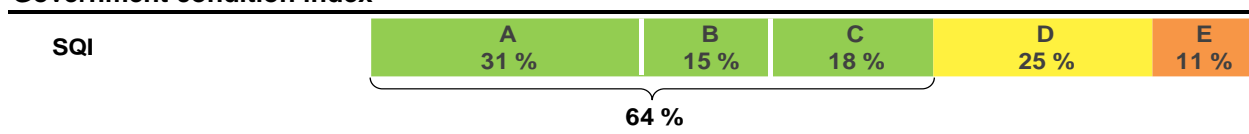
	SQI	%	Other	Total
Infrastructure Maintenance				
Asset Maintenance	1,614.2		184.4	1,798.6
AMD management	381.1		—	381.1
Replacement	78.2		345.5	423.7
Subtotal	2,073.5	63	529.9	2,603.4
Infrastructure Enhancement	1,241.2	37	920.2	2,161.4
Total	3,314.7	100	1,450.1	4,764.8



Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

❑ Investment strategy to maintain the SQI infrastructure

Government condition index



SQI infrastructure management practices and investment choices have made it possible to keep the majority of buildings and parking lots in good condition (GCI of A, B or C), to an overall level of 64%.

The SQI investment strategy is based on the best practices for building operation and workplace design. It aims to keep the building inventory under its responsibility in good condition. To this end, the SQI implemented various strategies to optimize infrastructure maintenance investments, such as grouping work on several sites into a single integrated project to optimize contractual management and thereby achieve economies of scale. In addition, building operation teams make it a priority to perform preventive maintenance in order to extend the useful life of assets and lessen the need for asset maintenance.

In addition, the SQI updated its infrastructure management framework in 2021, in which the project selection and authorization process were enhanced to meet the goals of its investment strategy.

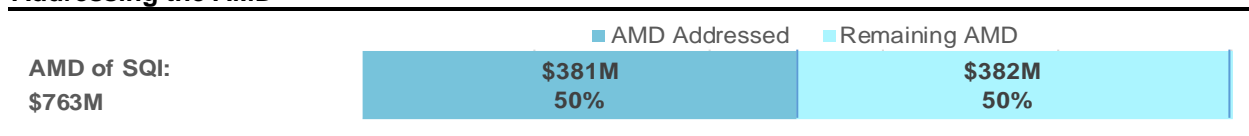
To ensure the sustainability of the infrastructure portfolio, the SQI 2022–2032 QIP makes provisions for investments of more than \$2.0 billion over 10 years to maintain government buildings. These investments aim to:

- Provide departments and bodies with buildings and space to deliver expected government services;
- Ensure that healthy, comfortable and safe conditions are maintained while optimizing the use of real estate assets;
- Contribute to the implementation of government orientations, particularly regarding sustainable development, the fight against climate change, construction material use and management, and the promotion of cultural heritage.

In this regard, the SQI has set the objective to achieve a proportion of rental buildings in good condition (GCI of A, B or C) of 71% by March 2024.

❑ Investment strategy to address the AMD

Addressing the AMD



The current AMD assessed on the SQI infrastructure totals \$762.7 million. This AMD level is explained primarily by the ageing of several buildings for which many components have reached the end of their useful life.

To take charge of the AMD, the SQI plans interventions prioritizing infrastructure in poor or very poor condition (GCI of D or E) to carry out work that will improve their condition to a satisfactory level (minimum GCI of C).

Concretely, investments of \$381.1 million in the 2022–2032 QIP will, over the next 10 years, reduce the current AMD of \$762.7 million by 50%. Furthermore, projects under study will be allocated investments progressively in the upcoming QIP, and these investments will also contribute to maintaining the AMD. More specifically, the SQI objective is to carry out at least \$150 million worth of work intended to reduce the AMD of the entire infrastructure by March 2026.

Planned investments to take charge of the AMD will be materialized with:

- Work on building exteriors, such as curtain walls and the architectural components of certain office buildings and courthouses;
- Various upgrades, such as the replacement or the addition of individual safety and asset protection systems and the replacement of cooling systems;
- Renovation work on certain detention facilities;
- Upgrades to mechanical and electrical components;
- Reconstruction of abrasive warehouses in several MTQ service centres that have reached the end of their useful life;
- Sale or demolition of surplus buildings with significant AMD.

The SQI also intends to use funds available in the QIP for asset maintenance investments in buildings in satisfactory or better condition so as to control their natural deterioration. These proactive and preventive interventions are generally less costly and more cost-effective in the long run than reactive and corrective ones carried out in response to findings that pose a risk to the health and safety of occupants. For example:

- Replace a roof at the end of its useful life on a building in overall good condition to reduce the risk of water penetration and deterioration of other components;
- Replace obsolete furnaces with innovative systems that reduce energy consumption and GHG emissions for a building in overall satisfactory condition.

❑ Investment strategy to enhance the infrastructure

The investment strategy to enhance the SQI infrastructure portfolio is based on the changing needs of departments and public bodies, and on optimizing the use of owned buildings to reduce the government's rental cost over the long term. To this end, investments planned to enhance the inventory by \$1.2 billion over 10 years will make it possible to:

- Acquire new properties and optimize the space of existing properties to reduce the size of its rented building inventory;
- Construct new facilities or redesign existing building to improve regional services, in particular, construction of new Sûreté du Québec police stations and major renovations of various courthouses;
- Invest in existing buildings in order to optimize energy consumption and reduce GHG emissions to reach pre-established threshold levels;
- Contribute to the electrification of transportation by installing charging stations in the parking facilities of buildings under SQI responsibility.



2.8 Culture

2.8.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP							2021-2031 QIP		
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total %
Infrastructure maintenance										
Asset maintenance	57.7	108.6	120.5	125.5	115.0	527.3	462.6	989.9	46.8	953.0 47.2
AMD management	14.4	15.3	14.2	12.4	10.1	66.4	42.0	108.4	5.1	74.6 3.7
Replacement	33.0	37.4	35.4	27.5	27.0	160.4	143.0	303.4	14.3	275.9 13.7
Subtotal	105.1	161.4	170.1	165.5	152.1	754.2	647.6	1,401.8	66.2	1,303.6 64.5
Infrastructure enhancement										
	226.2	174.6	67.7	31.0	26.1	525.6	190.0	715.7	33.8	716.1 35.5
Total	331.4	335.9	237.8	196.5	178.2	1,279.8	837.6	2,117.4	100.0	2,019.7 100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.8.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contributions in Millions of Dollars										
Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
1 Espace bleu de la Capitale-Nationale – Québec – Réaménagement	841	4	03	0.2	22.0	25.0	47.0	47.2	2.5	49.7
2 Musée d'art contemporain de Montréal – Réaménagement	489		06	12.5	6.1	11.4	17.5	30.0	27.0	57.0
3 Espace bleu de l'Abitibi-Témiscamingue – Amos – Acquisition, agrandissement et réaménagement	843	4	08	0.2	10.4	15.6	26.1	26.3	–	26.3
4 Espace bleu de la Gaspésie – Percé – Acquisition, agrandissement et réaménagement	842	4	11	–	8.0	12.8	20.8	20.8	–	20.8
Total				12.9	46.5	64.8	111.4	124.3	29.5	153.8

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Espace bleu de Charlevoix – Baie-Saint-Paul – Acquisition et réaménagement	844	5	03
2 Musée national des beaux-arts du Québec, Espace Riopelle – Québec – Agrandissement	886	5	03
3 Théâtre Les Gros becs – Québec – Agrandissement	852	5	03
4 Centre des collections et de conservation de Montréal – Construction	463		06
5 Centre PHI – Montréal – Réfection et construction	944	5	06
6 Musée de l'Holocauste Montréal – Construction	725		06
7 Théâtre du Nouveau Monde – Montréal – Réfection et agrandissement	409		06
8 Bibliothèque Lucy-Faris – Gatineau – Reconstruction	853	5	07
9 Bâtiment culturel multifonctionnel – Laval – Construction	724		13
10 Réseau des Espaces bleus – Régions administratives du Québec – Construction	563		All
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$319.6 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$1,686.4 M
Total for the sector			\$2,117.4 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Complexe culturel – Longueuil – Construction	462	9	16
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9 This project was removed due to an anticipated significant increase in the cost of work.			



2.9 Development of sport

2.9.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector

by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Contribution of the Government of Québec, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	25.9	20.5	25.2	12.4	5.0	89.1	—	89.1	13.2	38.8	5.3
AMD management	—	—	—	—	—	—	—	—	—	—	—
Replacement	—	—	1.4	5.5	3.2	10.0	—	10.0	1.5	—	—
Subtotal	25.9	20.5	26.6	17.9	8.2	99.1	—	99.1	14.7	38.8	5.3
Infrastructure enhancement	63.1	82.2	81.1	72.9	27.1	326.4	250.3	576.7	85.3	692.5	94.7
Total	89.0	102.7	107.7	90.8	35.3	425.5	250.3	675.8	100.0	731.3	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.9.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022- 2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022- 2023	2023- 2032	Total			
1 Centre multisport – Saguenay – Construction	487		02	5.4	1.9	0.3	2.1	7.5	16.7	24.2
2 Centre sportif et communautaire – Mont-Royal – Construction	484		06	0.6	0.9	1.5	2.4	3.0	43.9	46.9
3 Maison du loisir et du sport de Saint-Léonard – Montréal – Construction	729	2	06	15.6	6.1	3.3	9.4	25.0	–	25.0
4 Complexe sportif multifonctionnel – Saint-Jérôme – Construction	485	2	15	4.6	2.4	0.5	2.9	7.5	24.0	31.5
Total				26.2	11.3	5.6	16.8	43.0	84.6	127.6

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Centre sportif et récréatif – Montréal-Ouest – Construction	914	5	06
2 Complexe aquatique et récréatif – Montréal (arrondissement de Pierrefonds-Roxboro) – Construction	486		06
3 Complexe récréatif Gadbois – Montréal – Réfection et reconstruction	911	5	06
4 Complexe aquatique – Laval – Construction	910	5	13
5 Complexe aquatique – Châteauguay – Construction	913	5	16
6 Complexe multisport – Sainte-Catherine – Construction	488		16
7 Complexe sportif – Sorel-Tracy – Construction	912	5	16
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$56.5 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$602.5 M
Total for the sector			\$675.8 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Complexe sportif Girardin – Drummondville – Construction	406	8	17
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			



2.10 Marine, air, rail and other transportation

2.10.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Continuation of the Government of Quebec, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	330.0	303.6	293.3	297.9	121.7	1,346.5	368.8	1,715.3	47.1	1,519.7	42.5
AMD management	15.3	11.3	3.4	8.4	4.6	42.9	29.0	71.9	2.0	74.9	2.1
Replacement	34.6	9.4	20.3	17.8	14.8	96.9	3.8	100.7	2.8	145.5	4.1
Subtotal	379.9	324.3	317.0	324.1	141.0	1,486.3	401.5	1,887.8	51.8	1,740.2	48.7
Infrastructure enhancement											
	346.5	256.4	302.1	290.9	234.7	1,430.6	325.6	1,756.2	48.2	1,831.5	51.3
Total	726.4	580.7	619.1	615.0	375.7	2,916.9	727.1	3,644.0	100.0	3,571.7	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.10.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars).

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022-2023	2023-2032	Total			
1 NM Saaremaa I – Traverses de l'est du Québec – Acquisition et réfection	365	1	01-03-09	44.3	2.2	2.2	4.5	48.8	–	48.8
2 NM Joseph-Savard – Traverse L'Isle-aux-Coudres–Saint-Joseph-de-la-Rive – Réfection et réaménagement	476	2	03	32.8	1.5	–	1.5	34.3	–	34.3
3 Pont des Grandes-Fourches au-dessus de la rivière Magog – Sherbrooke – Construction	644	2	05	11.0	14.8	0.2	15.0	26.0	–	26.0
4 Aéroport Kangisujuaq et garage – Réfection	468		10	0.1	0.4	26.8	27.2	27.3	–	27.3
5 Réseau ferroviaire de la Gaspésie entre Caplan et Port-Daniel–Gascons – Réfection et reconstruction	228		11	48.0	36.0	12.9	48.9	96.9	2.0	98.9
6 Réseau ferroviaire de la Gaspésie entre Matapédia et Caplan – Réfection et reconstruction	227	1	11	34.4	8.7	11.4	20.1	54.5	–	54.5
7 Chemin de fer Québec Central entre Charny et Vallée-Jonction – Réfection et reconstruction	604	4	12	–	10.6	48.6	59.2	59.2	–	59.2
8 Parcs routiers, aire de service – Lavaltrie – Reconstruction	475		14	18.4	–	–	–	18.4	5.0	23.4

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
9 Équipement avionique des avions CL415 – Régions administratives du Québec – Modernisation	350		All	16.7	0.8	38.7	39.4	56.2	–	56.2
Total				205.7	75.0	140.8	215.8	421.6	7.0	428.6

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Port de Matane, poste à quai et entrepôt – Construction	938	5	01
2 Réseau ferroviaire, pont – Dolbeau-Mistassini – Construction	641		02
3 Navires – Traverses du centre du Québec – Acquisition	351		03-09-12-14-16
4 Port de Trois-Rivières, quais, voies d'accès, entrepôt – Construction	845	5	04
5 Réseau ferroviaire, voie de contournement – Lac-Mégantic – Construction	121		05
6 Réseau ferroviaire, pont Pie-IX et quai 28 – Montréal – Réfection et élargissement	939	5	06
7 Boulevard La Vérendrye – Gatineau – Élargissement et prolongement	642		07
8 Chemin Pink entre le boulevard des Grives et la rue Vanier – Gatineau – Élargissement	643		07
9 Aérogare Kangisualujjuaq et garage – Réfection	638		10
10 Réseau ferroviaire de la Gaspésie entre Port-Daniel–Gascons et Gaspé – Réfection et reconstruction	229		11
11 Chemin de fer Québec Central entre Vallée-Jonction et Thetford Mines – Réfection et reconstruction	639		12
12 Port de Montréal, terminal de conteneurs (site Contrecœur) – Construction	559		16
13 Port de Valleyfield, entrepôts et quai – Construction et réaménagement	940	5	16
14 Avion de transports sanitaire – Régions administratives du Québec – Acquisition et aménagement	722		All
15 Hélicoptères – Régions administratives du Québec – Acquisition	640		All
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$707.6 M

Under study (projects of \$50.0 million or more)

Name	# TB	Notes	Region
1 Infrastructures portuaires – Lien fluvial entre le Bas-Saint-Laurent et Charlevoix – Maintien et bonification	764		01-03
2 Infrastructures portuaires – Traverse L'Isle-aux-Coudres–Saint-Joseph-de-la-Rive – Maintien et bonification	763		03
3 Infrastructures portuaires – Traverse Sorel-Tracy–Saint-Ignace-de-Loyola – Maintien et bonification	207		14-16
4 Pôle logistique – Vaudreuil-Soulanges – Bonification	117		16
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$5.1 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$2,715.5 M
Total for the sector			\$3,644.0 M

Projects removed from the list of published projects in the 2021-2031 QIP

	Name	# TB	Notes	Region
1	Port de Québec, terminal de conteneurs (site Laurentia) – Construction	812	9	03
2	Aérogare de Salluit et garage – Construction	474	8	10
1	The infrastructure regarding this project is in service in partial or complete operation.			
2	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4	Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5	Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6	Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8	The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9	The project was cancelled.			



2.11 Tourism and recreational activities

2.11.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	85.6	72.4	189.1	20.2	10.1	377.4	143.2	520.6	41.3	517.2	42.6
AMD management	75.1	64.9	46.0	34.8	9.9	230.7	53.0	283.6	22.5	266.2	21.9
Replacement	0.2	1.9	—	—	—	2.1	—	2.1	0.2	6.7	0.6
Subtotal	160.9	139.2	235.1	55.0	20.0	610.1	196.2	806.3	64.0	790.1	65.1
Infrastructure enhancement											
	170.8	144.2	67.5	38.5	9.8	430.7	22.8	453.5	36.0	423.5	34.9
Total	331.7	283.4	302.6	93.5	29.7	1,040.9	218.9	1,259.8	100.0	1,213.6	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.11.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contributions in Millions of Dollars										
Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					Total
					2022-2023	2023-2032	Total			
1 Promenade Samuel-De Champlain (phase III) – Québec – Construction	165		03	103.9	65.4	10.2	75.6	179.5	13.8	193.3
2 Parc de la Chute-Montmorency, sentiers et passerelle semi-submersible – Québec – Construction	884	4	03	14.9	16.8	0.8	17.6	32.4	–	32.4
3 Nouvelles-Casernes – Québec – Réfection	455		03	15.7	4.3	–	4.3	20.0	1.0	21.0
4 Station touristique Owl's Head – Mansonville – Construction et acquisition	342	1	05	3.5	1.9	15.0	16.9	20.4	141.5	161.9
5 Parc olympique, espaces touristiques de la Tour – Montréal – Réfection	739		06	5.7	25.3	5.0	30.3	36.0	–	36.0
6 Parc olympique, funiculaire de la Tour – Montréal – Réfection	459		06	2.6	7.3	15.1	22.4	25.0	–	25.0
7 Parc national d'Opémican – Laniel – Construction	411	1	08	27.3	4.8	4.0	8.7	36.0	–	36.0
8 Bromont, montagne d'expériences – Construction et acquisition	341	1	16	3.8	0.9	5.0	5.8	9.6	66.1	75.7
9 Zoo de Granby – Construction et acquisition	417	1	16	7.6	0.5	9.9	10.4	18.0	18.0	36.0
10 Parc Safari – Saint-Bernard-de-Lacolle – Construction et acquisition	428	1	16	5.2	2.6	4.2	6.8	12.0	12.0	24.0
Total				190.2	129.8	69.2	198.8	388.9	252.4	641.3

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Sanctuaire Notre-Dame-du-Cap – Trois-Rivières – Réaménagement	822	5	04
2 Parc olympique, espaces locatifs – Montréal – Réfection	740		06
3 Parc olympique, systèmes électriques et mécaniques de l'enceinte du Stade – Montréal – Remplacement	885	5	06
4 Parc olympique, toiture du Stade – Montréal – Reconstruction	53		06
5 Route panoramique entre Saint-Donat et Saint-Michel-des-Saints – Réfection	565		14
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$297.3 M

Under study (projects of \$50.0 million or more)

Name	# TB	Notes	Region
1 Aquarium du Québec, pavillon des prédateurs – Québec – Bonification	241		03
2 Palais des congrès de Montréal – Bonification	157		06
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$4.3 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$759.4 M
Total for the sector			\$1,259.8 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Zoo de Saint-Félicien, Centre de conservation de la biodiversité boréale (CCBB) inc. – Construction et acquisition	427	8	02
2 Installations d'accueil des croisiéristes internationaux – Québec – Construction et acquisition	416	8	03
3 Parc olympique, dalle de l'Esplanade – Montréal – Réfection	741	9	06
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			
9 This project was removed from the plan in favour of projects better aligned with the strategic and business objectives of the Parc Olympique, with no impact on the allocated budget envelopes.			



2.12 Social and community housing

2.12.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Contribution of the Gouvernement du Québec, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	111.7	85.2	91.3	111.1	121.4	520.8	888.3	1,409.1	55.5	1,209.7	45.8
AMD management	36.1	27.7	29.6	33.4	35.8	162.6	230.7	393.3	15.5	210.8	8.0
Replacement	5.2	8.0	10.9	—	—	24.1	—	24.1	0.9	3.1	0.1
Subtotal	153.0	120.9	131.8	144.5	157.2	707.5	1,119.0	1,826.5	71.9	1,423.6	53.8
Infrastructure enhancement											
	159.6	211.7	204.5	65.6	34.4	675.8	38.2	714.0	28.1	1,220.6	46.2
Total	312.6	332.6	336.3	210.1	191.6	1,383.2	1,157.2	2,540.5	100.0	2,644.2	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.12.2 Authorized and announced projects of \$20 million or more, by progress status

All projects in progress have a cost of \$20 million or less, therefore, they are not listed in this publication.



2.13 Northern development

2.13.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Contribution of the Government of Québec, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	63.8	65.2	42.9	28.1	0.5	200.6	94.3	294.9	36.5	291.2	32.4
AMD management	—	—	—	—	—	—	—	—	—	—	—
Replacement	—	—	—	—	—	—	—	—	—	—	—
Subtotal	63.8	65.2	42.9	28.1	0.5	200.6	94.3	294.9	36.5	291.2	32.4
Infrastructure enhancement	86.9	79.8	70.0	62.3	—	299.1	214.7	513.8	63.5	608.2	67.6
Total	150.7	145.0	113.0	90.4	0.6	499.7	309.0	808.6	100.0	899.4	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.13.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022-2023	2023-2032	Total			
1 Installations de la Société ferroviaire et portuaire de Pointe-Noire (phase I) – Réaménagement et construction	328	1	09	80.0	–	–	–	80.0	100.0	180.0
2 Installations de la Société ferroviaire et portuaire de Pointe-Noire (phase II) – Réaménagement	560	2	09	25.0	25.0	–	25.0	50.0	85.0	135.0
3 Route Billy-Diamond (Route de la Baie-James) (phase I) – Nord-du-Québec – Réfection	148		10	164.1	16.6	42.0	58.6	222.7	111.2	333.9
4 Réseau de télécommunication – Nunavik – Construction	352		10	51.2	11.4	–	11.4	62.6	63.1	125.7
Total				320.3	53.0	42.0	95.0	415.3	359.3	774.6

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Complexe scientifique de l'Institut nordique du Québec – Québec – Construction	170		03-06-10
2 Route entre Schefferville et Kawawachikamach – Réfection	460		09
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$71.3 M

Under study (projects of \$50.0 million or more)

Name	# TB	Notes	Region
1 Route Billy-Diamond (phase II) – Nord-du-Québec – Maintien	825	6	10
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$5.0 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$637.3 M
Total for the sector			\$808.6 M

- 1 The infrastructure regarding this project is in service in partial or complete operation.
- 2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."
- 3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."
- 4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."
- 5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."
- 6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."
- 7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."
- 8 The infrastructure is fully operational, and no investments are planned for 2022-2032.



2.14 Research

2.14.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Contribution of the Government of Québec, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP								2021-2031 QIP		
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	—	—	—	—	—	—	—	—	—	—	—
AMD management	—	—	—	—	—	—	—	—	—	—	—
Replacement	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Infrastructure enhancement	173.7	144.9	119.6	114.3	123.4	676.0	324.9	1,000.8	100.0	984.0	100.0
Total	173.7	144.9	119.6	114.3	123.4	676.0	324.9	1,000.8	100.0	984.0	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.14.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022-2023	2023-2032	Total			
1 Université de Sherbrooke, pavillon de médecine personnalisée et de recherche translationnelle – Construction	413		05	3.5	2.0	29.9	31.9	35.5	3.9	39.4
2 École de technologie supérieure, pavillon principal – Montréal – Réaménagement	415	1	06	15.7	4.0	2.1	6.1	21.8	14.6	36.4
3 Université du Québec à Trois-Rivières, pavillon (campus de Drummondville) – Construction	505		17	18.5	0.5	–	0.5	19.0	12.5	31.5
Total				37.7	6.5	32.0	38.5	76.3	31.0	107.3

In planning

Name		# TB	Notes	Region
1	Université du Québec à Trois-Rivières, pavillon de la recherche et de l'innovation sur les technologies vertes et durables – Construction	879	5	04
Gouvernement du Québec contribution set out in the 2022-2032 QIP				ND
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes				\$962.3 M
Total for the sector				\$1,000.8 M
1	The infrastructure regarding this project is in service in partial or complete operation.			
2	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4	Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5	Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6	Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8	The infrastructure is fully operational, and no investments are planned for 2022-2032.			



2.15 Environment

2.15.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector

by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Contribution of the Government of Quebec, in millions of dollars and as a percentage											
Investment type	2022-2032 QIP								2021-2031 QIP		
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	14.3	36.6	50.6	69.7	70.8	242.0	345.1	587.0	65.0	603.9	63.1
AMD management	7.6	11.3	9.3	16.9	4.4	49.4	13.9	63.3	7.0	53.3	5.6
Replacement	12.5	9.8	21.0	11.2	9.2	63.7	39.3	103.0	11.4	90.1	9.4
Subtotal	34.3	57.8	80.9	97.8	84.4	355.1	398.2	753.3	83.5	747.3	78.1
Infrastructure enhancement	62.5	36.0	2.2	0.8	12.8	114.4	34.8	149.2	16.5	210.1	21.9
Total	96.8	93.8	83.1	98.6	97.2	469.4	433.1	902.5	100.0	957.4	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.15.2 Authorized and announced projects of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contributions in millions of dollars										
Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					Total
					2022-2023	2023-2032	Total			
1 Usine de biométhanisation – Québec – Construction	74		03	32.5	5.4	5.8	11.1	43.6	174.2	217.9
2 Usine de biométhanisation – Saint-Étienne-des-Grès – Construction	733	4	04	5.7	10.8	0.1	10.9	16.5	36.4	53.0
3 Usine de biométhanisation – Montréal – Construction	73	2	06	49.5	6.9	12.1	19.0	68.5	281.2	349.7
4 Usine de biométhanisation – Varennes – Agrandissement	732	4	16	6.3	17.3	7.2	24.5	30.8	59.7	90.5
5 Centre de compostage régional du Haut-Richelieu – Saint-Jean-sur-Richelieu – Construction	943	4	16	19.1	2.1	–	2.1	21.2	32.4	53.6
Total				113.1	42.5	25.2	67.6	180.6	583.9	764.7

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

	Name	# TB	Notes	Region
1	Barrage Mathieu-D'Amours – Matane – Reconstruction	410		01
2	Incinérateur de Québec, valorisation des vapeurs – Construction	493		03
3	Usine de biométhanisation – Laval – Construction	70		13
Gouvernement du Québec contribution set out in the 2022-2032 QIP				\$58.8 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes				\$776.1 M
Total for the sector				\$902.5 M
1	The infrastructure regarding this project is in service in partial or complete operation.			
2	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4	Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5	Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6	Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7	Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8	The infrastructure is fully operational, and no investments are planned for 2022-2032.			



2.16 Agriculture, forests, fauna and other

2.16.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP						2021-2031 QIP		Total	%	Total	%
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years					
Infrastructure maintenance												
Asset maintenance	34.1	24.5	22.0	20.9	18.7	120.2	118.1	238.3	28.4		231.6	25.1
AMD management	—	—	—	—	—	—	—	—	—		—	—
Replacement	—	—	—	—	—	—	—	—	—		—	—
Subtotal	34.1	24.5	22.0	20.9	18.7	120.2	118.1	238.3	28.4		231.6	25.1
Infrastructure enhancement												
	136.3	103.1	74.9	59.3	53.7	427.3	172.1	599.4	71.6		691.9	74.9
Total	170.3	127.6	96.9	80.2	72.4	547.5	290.2	837.7	100.0		923.5	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.16.2 Authorized and announced projects of \$20 million or more, by progress status

All projects in progress have a cost of \$20 million or less, therefore, they are not listed in this publication.

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Réseau de télécommunication par fibre optique – Eeyou (sud-jamésien) – Construction	734	8	04-10
1 The infrastructure regarding this project is in service in partial or complete operation.			
2 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "in planning" to "in progress."			
3 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in planning."			
4 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
5 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
6 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
7 Since the release of the 2021-2031 QIP, the state of progress for these projects, as indicated on the list of published projects, has changed from "under study" to "in progress."			
8 The infrastructure is fully operational, and no investments are planned for 2022-2032.			



2.17 Educational childcare services

2.17.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP						2027-2028 to 2031-2032 5 years	Total	%	2021-2031 QIP	
	2022- 2023	2023- 2024	2024- 2025	2025- 2026	2026- 2027	Subtotal				Total	%
Infrastructure maintenance											
Asset maintenance	12.5	10.2	10.6	10.6	10.6	54.7	53.4	108.0	22.8	91.8	25.9
AMD management	—	—	—	—	—	—	—	—	—	—	—
Replacement	—	—	—	—	—	—	—	—	—	—	—
Subtotal	12.5	10.2	10.6	10.6	10.6	54.7	53.4	108.0	22.8	91.8	25.9
Infrastructure enhancement											
	222.2	95.7	29.0	2.1	2.0	351.1	15.0	366.1	77.2	263.2	74.1
Total	234.8	105.9	39.6	12.8	12.6	405.7	68.4	474.1	100.0	355.0	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.17.2 Authorized and announced projects of \$20 million or more, by progress status

All projects in progress have a cost of \$20 million or less, therefore, they are not listed in this publication.



2.18 Information resources

2.18.1 2022-2032 QIP investments

2022-2032 QIP Investments for the sector by type and by year

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Investment type	2022-2032 QIP									2021-2031 QIP	
	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	Subtotal	2027-2028 to 2031-2032 5 years	Total	%	Total	%
Infrastructure maintenance											
Asset maintenance	307.9	363.9	370.5	259.1	311.1	1,612.5	1,270.4	2,883.0	38.1	2,244.6	31.1
AMD management	—	—	—	—	—	—	—	—	—	—	—
Replacement	127.0	118.1	80.2	49.0	44.7	419.0	180.6	599.7	7.9	1,143.5	15.9
Subtotal	434.9	482.0	450.7	308.2	355.8	2,031.6	1,451.1	3,482.7	46.0	3,388.1	47.0
Infrastructure enhancement											
	629.6	634.8	580.0	471.3	332.7	2,648.4	1,441.8	4,090.2	54.0	3,823.6	53.0
Total	1,064.5	1,116.9	1,030.7	779.5	688.5	4,680.0	2,892.8	7,572.8	100.0	7,211.7	100.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

2.18.2 Authorized and announced projects¹⁰ of \$20 million or more, by progress status

In progress

(contributions in millions of dollars)

Contribution from Québec										
Name	# TB	Notes	Region	Before 2022-2023	2022-2032 QIP			Total	Contribution from partners	Total cost
					2022-2023	2023-2032	Total			
1 Système d'information de laboratoire unique - SIL Corelab - MSSS	RI_5		—	18.3	11.9	36.2	48.1	66.4	5.2	71.6
2 Gestion du dossier judiciaire, des registres et du dossier du juge	RI_17	1	—	4.6	15.6	50.3	66.0	70.6	—	70.6
3 Projet Véo - Université de Sherbrooke	RI_11		—	50.5	5.4	—	5.4	55.9	—	55.9
4 Programme de consolidation des centres de traitement informatique et de l'optimisation du traitement et du stockage - MCN	RI_1	4	—	7.4	8.0	32.6	40.6	48.0	—	48.0
5 Mise en œuvre du Réseau gouvernemental de télécommunication - MCN	RI_28	1	—	22.2	5.6	8.4	14.0	36.2	—	36.2
6 Mise à niveau de l'infrastructure réseau - Université McGill	RI_25		—	12.2	—	—	—	12.2	19.2	31.4
7 SQIN - Accès bonifié aux prestations électroniques de services Entreprises et Citoyens	RI_2		—	7.5	7.9	11.6	19.5	26.9	—	26.9

¹⁰ Although investments in the Information Resources sector are subject to the provisions of the *Public Infrastructure Act*, the management of information resource projects is governed by information resource planning and management rules set out in the *Act respecting the governance and management of the information resources of public bodies and government enterprises*.

Name	# TB	Notes	Region	Contribution from Québec				Contribution from partners	Total cost	
				Before 2022-2023	2022-2032 QIP					
					2022-2023	2023-2032	Total			
8 SQIN - Identité numérique citoyenne - MCN	RI_27	1	—	1.1	6.0	14.9	20.9	22.0	—	22.0
9 Gestion partagée de la prestation de services - MTESS	RI_8		—	10.6	6.9	3.0	9.9	20.5	—	20.5
Total				134.4	67.3	157.0	224.4	358.7	24.4	383.1

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

In planning

Name	# TB	Notes	Region
1 Dossier santé numérique - Projets Vitrines - MSSS	RI_26		—
2 Facturation obligatoire dans le secteur de la restauration et des bars (FO-RB) - ARQ	RI_9		—
3 Modernisation du recouvrement à Revenu Québec - Gérer le dossier de recouvrement - ARQ	RI_15		—
4 Programme visant à moderniser les infrastructures technologiques des donneurs d'ouvrage en construction	RI_23		—
5 Projet Urbain de Radiocommunication (PUR) - MCN	RI_20		—
6 Solution d'affaires en gestion intégrée des ressources (SAGIR) - Phase SGR7 (Système de paie) - MCN	RI_3		—
7 Système d'information des finances, de l'approvisionnement et des ressources humaines (SIFARH) - MSSS	RI_30	2	—
8 Transformation numérique des services administratifs - Volet Ressources financières, matérielles et fondations (TNSA1)	RI_29	2	—
Gouvernement du Québec contribution set out in the 2022-2032 QIP			\$615.3 M

Under study (projects of \$50.0 million or more)

Name	# TB	Notes	Region
1 Solution d'affaires en gestion intégrée des ressources (SAGIR) - Phase SGR4 (Système de comptabilité) - MCN	RI_4		—
2 Télépathologie-pathologie numérique - MSSS	RI_16	3	—
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP (cost of studies)			\$57.0 M
Contribution by the Gouvernement du Québec planned for the 2022-2032 QIP for other projects and envelopes			\$6,676.1 M
Total for the sector			\$7,572.8 M

Projects removed from the list of published projects in the 2021-2031 QIP

Name	# TB	Notes	Region
1 Dépôt des actes de procédures et des demandes - MJQ	RI_22	5	
2 Facturation obligatoire Solution Évolutive - Transport Rémunéré de Personnes - ARQ	RI_7	6	
3 Modernisation du réseau de télécommunication (RÉSUL 5) - Université Laval	RI_21	5	
4 Programme Horizon — Modernisation du système de mission des Services correctionnels- MSP	RI_10	7	
5 Plateforme partagée de services des bibliothèques universitaires québécoises - Université de Montréal	RI_19	5	
6 Système d'information en finance et en ressources humaines - Université de Concordia	RI_24	8	
7 Système unifié d'information en ressources humaines (SIU-RH) - FRISSSS	RI_13	9	
1 Since the release of the 2021-2031 QIP, these projects have been added to "in progress."			
2 Since the release of the 2021-2031 QIP, these projects have been added to "in planning."			
3 Since the release of the 2021-2031 QIP, these projects have been added to "under study."			
4 This project also includes a portion of the redevelopment of the premises at an estimated cost of \$22.6 million			
5 The estimated total cost is now below the \$20.0 million threshold			
6 The infrastructure is fully operational, and no investments are planned for 2022-2032.			
7 This project was split into several separate infrastructure projects of less than \$20.0 million each			
8 No planned investment for 2022-2032			
9 This project was incorporated into the project titled "RI_30 - Système d'information des finances, de l'approvisionnement et des ressources humaines (SIFARH)."			

Accessible online, the Tableau de bord des projets en ressources informationnelles du gouvernement du Québec provides additional details on information resource projects.¹¹

¹¹ GOUVERNEMENT DU QUÉBEC, *Tableau de bord des projets en ressources informationnelles*, [online: <https://www.tableaubordprojetsri.gouv.qc.ca/tableau-de-bord/>].

3. Probable investments in 2021-2022

Comparison with planned investments in the 2021-2031 QIP

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Mission and sector		Infrastructure maintenance	Infrastructure enhancement	Total	Advance payments ¹	Total	Completion rate ¹
Health and social services							
Health and social services	Planned	714.7	1,634.4	2,349.1		2,349.1	115.2%
	Probable	1,146.8	1,559.9	2,706.7		2,706.7	
Education and culture							
Education	Planned	1,475.0	1,018.0	2,493.0		2,493.0	96.3%
	Probable	1,387.0	1,013.0	2,400.0		2,400.0	
Higher education	Planned	645.1	175.2	820.3		820.3	110.0%
	Probable	679.2	223.0	902.2		902.2	
Culture	Planned	146.9	36.7	183.6		183.6	103.7%
	Probable	148.0	42.5	190.4		190.4	
Development of sport	Planned	8.8	83.4	92.1		92.1	84.4%
	Probable	16.2	61.5	77.7		77.7	
Economy and environment							
Road network	Planned	2,361.1	538.9	2,900.0		2,900.0	100.0%
	Probable	2,347.3	553.2	2,900.5		2,900.5	
Public transit	Planned	363.1	532.2	895.2		895.2	297.1%
	Probable	372.2	1,167.9	1,540.1	1,120.0	2,660.1	
Marine, air, rail and other transportation	Planned	253.3	203.4	456.7		456.7	100.3%
	Probable	225.3	232.6	458.0		458.0	
Municipalities	Planned	486.3	180.3	666.6		666.6	109.1%
	Probable	478.4	249.1	727.5		727.5	
Tourism and recreational activities	Planned	164.8	159.4	324.3		324.3	68.4%
	Probable	85.7	136.1	221.8		221.8	
Social and community housing	Planned	144.2	277.5	421.7		421.7	162.2%
	Probable	139.8	297.3	437.1	247.0	684.1	
Northern development	Planned	83.1	76.5	159.7		159.7	83.1%
	Probable	66.5	66.2	132.7		132.7	
Research	Planned	-	162.4	162.4		162.4	85.7%
	Probable	-	139.2	139.2		139.2	
Environment	Planned	46.3	46.0	92.3		92.3	121.0%
	Probable	20.8	90.9	111.7		111.7	
Agriculture, forests, fauna and other	Planned	30.6	139.4	170.0		170.0	104.2%
	Probable	15.9	161.3	177.2		177.2	
Support for individuals and families							
Educational childcare services	Planned	9.2	41.2	50.4		50.4	135.9%
	Probable	12.8	55.6	68.4		68.4	
Administration and justice							
Government administration	Planned	172.5	241.3	413.8		413.8	89.3%
	Probable	159.2	210.4	369.7		369.7	
Information resources	Planned	358.6	489.3	847.8		847.8	118.7%
	Probable	450.5	555.8	1,006.3		1,006.3	
Central envelope	Planned	5.0	5.0	10.0		10.0	-
	Probable	-	-	-		-	
Total	Planned	7,468.6	6,040.5	13,509.1	-	13,509.1	118.0%
	Probable	7,751.5	6,815.6	14,567.1	1,367.0	15,934.1	

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

¹ A probable completion rate of more than 100% may reflect planned work that was pulled forward, a faster-than-anticipated pace of work or the advance payment of financial assistance from the government for investments by subsidized bodies. In 2021-2022, financial assistance totalling \$1,367.0 million was paid in advance, including \$1,120.0 million for public transit projects overseen by the STM and \$247.0 million for various social and affordable housing projects. Excluding these advance payments, the completion rate is 172.0% for the Public transit sector, 103.7% for the Social and Community Housing sector and 107.8% for all planned investments in 2021-2022.

4. Investments completed in 2020-2021

Comparison with planned investments in the 2020-2030 QIP

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Mission and sector		Infrastructure maintenance	Infrastructure enhancement	Total	Completion rate ¹
Health and social services					
Health and social services	Planned ²	901.6	1,342.1	2,243.6	96.8%
	Actual	1,401.7	770.0	2,171.7	
Education and culture					
Education	Planned ²	1,320.0	817.5	2,137.5	103.3%
	Actual	1,372.9	835.1	2,208.0	
Higher education	Planned ²	625.2	206.2	831.4	97.6%
	Actual	644.5	167.4	811.9	
Culture	Planned	121.0	41.8	162.9	91.3%
	Actual	119.5	29.2	148.7	
Development of sport	Planned ²	38.5	78.8	117.3	60.8%
	Actual	24.3	47.0	71.2	
Economy and environment					
Road network	Planned ²	2,060.4	481.0	2,541.4	95.0%
	Actual	1,896.4	518.1	2,414.5	
Public transit	Planned ²	268.0	1,428.3	1,696.3	62.6%
	Actual	382.4	680.3	1,062.6	
Marine, air, rail and other transportation	Planned ²	445.9	241.3	687.2	47.6%
	Actual	163.8	163.5	327.3	
Municipalities	Planned	423.3	163.7	587.0	83.2%
	Actual	316.1	172.2	488.2	
Tourism and recreational activities	Planned	113.7	166.8	280.5	61.7%
	Actual	79.3	93.6	173.0	
Social and community housing	Planned	135.9	306.3	442.2	46.4%
	Actual	120.7	84.3	205.0	
Northern development	Planned	84.4	32.5	116.9	67.7%
	Actual	44.9	34.3	79.2	
Research	Planned	-	175.9	175.9	84.3%
	Actual	-	148.3	148.3	
Environment	Planned	19.0	38.7	57.7	68.2%
	Actual	12.2	27.1	39.3	
Agriculture, forests, fauna and other	Planned	39.3	151.9	191.2	71.3%
	Actual	20.4	115.9	136.3	
Support for individuals and families					
Educational childcare services	Planned	8.7	54.5	63.2	47.7%
	Actual	7.3	22.9	30.2	
Administration and justice					
Government administration	Planned	213.7	373.7	587.4	49.8%
	Actual	106.9	185.6	292.4	
Information resources	Planned ²	370.7	608.8	979.6	101.6%
	Actual	479.8	515.3	995.2	
Central envelope	Planned	5.0	5.0	10.0	-
	Actual	-	-	-	
Total	Planned ²	7,194.4	6,714.9	13,909.2	84.9% ³
	Actual	7,192.9	4,610.0	11,802.9	

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 A completion rate of more than 100% may reflect work that was pulled forward or a faster-than-anticipated pace of work.

2 Before \$2,901.2 million worth of investments were pulled forward to 2020-2021, the anticipated total provided in the 2020-2030 QIP was \$11,008.0 million, broken down as follows:

- Before \$683.0 million was pulled forward, the amount for health and social services was \$1,560.6 million;
- Before \$1,041.3 million was moved forward, the amount for education was \$1,096.1 million;
- Before \$100.0 million was pulled forward, the amount for higher education was \$731.4 million;

- Before \$17.6 million was pulled forward, the amount for development of sport was \$99.6 million;
 - Before \$269.7 million was pulled forward, the amount for road network was \$2,271.7 million;
 - Before \$614.0 million was pulled forward, the amount for public transit was \$1,082.3 million;
 - Before \$100.0 million was pulled forward, the amount for marine, air, rail and other transportation was \$587.2 million;
 - Before \$75.6 million was pulled forward, the amount for information resources was \$904.0 million.
- 3 Total planned and actual investments for 2020-2021 include pulled forward investments of \$2,901.2 million and \$1,117.8 million, respectively. Excluding these pulled forward investments, the completion rate for 2020-2021 is 97.1%.

Appendix 1 – History of completed investments compared to planned investments from 2016-2017 to 2020-2021

History of completed investments compared to planned investments for 2016-2017 to 2020-2021

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Mission and sector	2016-2017 (2016-2026 QIP)			2017-2018 (2017-2027 QIP)		
	Planned	Actual	%	Planned	Actual	%
Health and social services						
Health and social services ^{1,2}	1,180.2	1,032.1	87.5	1,343.8	1,136.9	84.6
Education and culture						
Education ^{1,2}	1,483.3	1,290.8	87.0	1,158.2	1,240.5	107.1
Higher education ^{1,2}	542.4	490.7	90.5	696.7	566.1	81.3
Culture ^{1,2}	223.6	182.3	81.5	146.0	160.8	110.1
Development of sport	59.8	43.2	72.2	81.5	50.0	61.3
Economy and environment						
Road network	2,042.2	1,920.5	94.0	2,159.4	1,796.7	83.2
Public transit	1,133.7	644.1	56.8	825.9	887.4	107.4
Marine, air, rail and other transportation	366.6	184.8	50.4	321.5	228.3	71.0
Municipalities	623.6	489.4	78.5	800.3	768.7	96.1
Tourism and recreational activities	160.3	93.0	58.0	177.8	152.0	85.5
Social and community housing	278.2	164.5	59.1	253.1	177.8	70.2
Northern development	92.5	86.7	93.7	68.1	44.4	65.2
Research	114.1	99.9	87.6	174.0	126.1	72.5
Environment	72.8	58.4	80.2	51.2	33.8	65.9
Agriculture, forests, fauna and other	34.2	44.4	129.8	95.0	50.5	53.1
Support for individuals and families						
Educational childcare services	75.8	33.6	44.3	80.2	26.2	32.7
Administration and justice						
Government administration	463.1	317.8	68.6	506.3	233.3	46.1
Information resources ^{1,2}	640.0	352.2	55.0	636.5	566.2	89.0
Central envelope ³	10.0	–	–	48.0	–	–
Total	9,596.3	7,528.4	78.5	9,623.5	8,245.6	85.7

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 The investments presented include the adjustment for standardization on the same bases.

2 For comparative purposes, investments in information resources of the Health and Social services network, the Education network, the Higher education network, as well as those of the state-owned corporations in Cultureplanned in the 2013-2023 to 2019-2029 QIP, where applicable, have been reclassified to Information Ressources sector.

3 Refer to heading 1.4 of section A.

4 Total planned and actual investments for 2020-2021 include pulled forward investments of \$2,901.2 million and \$1,117.8 million, respectively. Excluding these pulled forward investments, the completion rate for 2020-2021 is 97.1%.

2018-2019 (2018-2028 QIP)			2019-2020 (2019-2029 QIP)			2020-2021 (2020-2030 QIP)			Average 2016-2017 to 2020-2021		
Planned	Actual	%	Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1,247.2	1,431.4	114.8	1,302.5	1,539.8	118.2	2,243.6	2,171.7	96.8	1,463.5	1,439.3	98.3
941.1	1,295.5	137.7	1,316.6	1,728.6	131.3	2,137.5	2,208.0	103.3	1,403.3	1,420.0	101.2
696.5	661.8	95.0	993.7	666.1	67.0	831.4	811.9	97.6	624.9	603.9	96.6
184.9	185.8	100.5	167.5	171.8	102.6	162.9	148.7	91.3	186.0	180.4	97.0
72.3	41.9	58.0	102.0	73.4	71.9	117.3	71.2	60.8	79.4	50.4	63.5
2,185.8	2,216.7	101.4	2,366.0	2,387.6	100.9	2,541.4	2,414.5	95.0	2,254.3	2,076.2	92.1
1,096.4	704.3	64.2	1,042.1	722.4	69.3	1,696.3	1,062.6	62.6	1,140.1	751.2	65.9
502.8	426.2	84.8	509.2	499.7	98.1	687.2	327.3	47.6	448.7	303.8	67.7
784.3	642.5	81.9	592.6	558.6	94.3	587.0	488.2	83.2	701.0	591.2	84.3
232.7	143.2	61.5	314.7	227.8	72.4	280.5	173.0	61.7	192.8	131.2	68.1
274.3	223.5	81.5	363.1	251.8	69.3	442.2	205.0	46.4	306.6	202.5	66.1
105.3	36.0	34.2	140.0	65.3	46.6	116.9	79.2	67.7	99.0	77.3	78.1
153.5	151.2	98.5	149.2	112.9	75.6	175.9	148.3	84.3	142.4	119.1	83.7
36.2	45.4	125.3	63.7	24.4	38.4	57.7	39.3	68.2	55.2	41.7	75.5
127.5	93.6	73.4	127.3	139.3	109.4	191.2	136.3	71.3	96.6	67.3	69.7
54.7	16.7	30.5	36.0	22.3	62.1	63.2	30.2	47.7	70.9	33.2	46.8
625.2	291.3	46.6	588.8	397.7	67.5	587.4	292.4	49.8	574.7	329.4	57.3
698.6	531.3	76.1	841.5	712.3	84.7	979.6	995.2	101.6	722.4	565.0	78.2
10.0	–	–	10.0	–	–	10.0	–	–	27.8	–	–
10,029.2	9,138.2	91.1	11,026.4	10,301.8	93.4	13,909.1	11,802.9	84.9^d	10,613.9	8,983.2	84.6

Appendix 2 – History of planned investments in the Québec Infrastructure Plan

History of planned investment levels in the QIP

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Mission and sector	QIP 2013-2023	QIP 2014-2024	QIP 2015-2025	QIP 2016-2026
Health and social services				
Health and social services ¹	18,632.0	16,257.5	13,795.5	13,994.6
Education and culture				
Education ¹	7,440.3	7,315.4	8,077.7	8,253.3
Higher education ¹	4,951.8	4,884.5	5,291.9	5,756.9
Culture ¹	1,938.0	1,904.5	1,596.8	1,546.3
Development of sport	334.1	371.3	329.7	360.1
Economy and environment				
Road network	22,410.8	20,423.6	16,655.3	17,322.0
Public transit	6,426.2	7,615.0	7,247.7	7,059.9
Marine, air, rail and other transportation	2,775.6	2,023.8	2,164.7	2,755.7
Municipalities	6,087.5	6,933.2	6,939.5	6,977.5
Tourism and recreational activities	1,046.6	616.1	573.8	667.5
Social and community housing	2,640.5	2,279.4	2,013.5	1,964.3
Northern development	1,353.6	1,159.1	901.5	888.9
Research	800.0	786.7	815.5	831.7
Environment	682.2	666.9	578.4	615.7
Agriculture, forests, fauna and other	407.0	351.3	299.0	364.3
Support for individuals and families				
Educational childcare services	1,036.1	807.9	807.9	605.5
Administration and justice				
Government administration	5,978.5	4,480.4	4,535.7	3,554.0
Information resources	5,542.1	4,865.2	5,125.3	5,166.8
Central envelope ²	1,817.1	6,558.1	10,650.8	10,015.0
Total	92,300.0	90,300.0	88,400.0	88,700.0

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

1 For comparative purposes, investments in information resources of the Health and Social services network, the Education network, the Higher education network, as well as those of the state-owned corporations in Culture planned in the 2013-2023 to 2019-2029 QIP, where applicable, have been reclassified to Information Resources sector.

2 Refer to heading 1.4 of section A.

QIP 2017-2027	QIP 2018-2028	QIP 2019-2029	QIP 2020-2030	QIP 2021-2031	QIP 2022-2032
16,318.6	17,812.1	19,407.4	20,462.6	20,551.2	22,754.2
8,175.7	8,972.7	13,889.2	19,150.3	20,910.5	21,116.1
5,916.1	6,090.7	6,325.6	6,323.4	6,485.8	7,141.5
1,468.4	1,515.2	1,575.6	1,963.5	2,019.7	2,117.4
392.5	468.2	718.0	653.3	731.3	675.8
17,901.0	20,027.5	24,580.0	26,832.1	28,330.8	30,672.6
7,059.9	9,002.4	9,040.3	13,581.2	12,830.3	13,395.6
2,654.3	3,089.8	2,935.6	4,053.9	3,571.7	3,644.0
7,003.9	7,296.4	7,216.7	7,536.5	7,569.5	7,448.3
769.4	1,001.3	1,114.3	1,148.5	1,213.6	1,259.8
2,082.5	2,320.1	2,442.4	2,510.0	2,644.2	2,540.5
826.2	823.1	1,018.3	908.0	899.4	808.6
863.9	917.3	985.8	1,006.5	984.0	1,000.8
574.0	577.8	627.7	930.6	957.4	902.5
561.2	706.7	700.1	845.4	923.5	837.7
529.8	456.5	401.8	374.8	355.0	474.1
3,719.9	3,872.5	3,881.0	3,919.6	4,197.9	4,764.8
5,507.2	5,548.9	6,578.1	7,394.3	7,211.7	7,572.8
8,775.4	9,900.9	11,962.1	10,905.4	12,612.6	13,372.9
91,100.0	100,400.0	115,400.0	130,500.0	135,000.0	142,500.0

Appendix 3 – Investments by mission, sector, type and by administrative region

2022-2032 QIP investments

by mission, sector, type and by administrative region

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Region ¹		01	02	03	04	05	06	07	08
Mission and sector									
Health and social services									
Health and social services	Infrastructure maintenance	268.1	313.1	1,384.9	414.7	428.6	4,692.2	242.2	184.7
	Infrastructure enhancement	158.8	406.5	2,056.7	229.0	481.8	1,453.6	333.7	230.6
Education and culture									
Education	Infrastructure maintenance	369.2	492.8	986.2	426.0	486.8	3,134.3	497.2	309.7
	Infrastructure enhancement	106.3	57.6	464.2	74.0	109.8	2,192.6	192.2	30.0
Higher education	Infrastructure maintenance	107.3	145.4	803.9	171.0	361.1	2,870.5	153.9	59.4
	Infrastructure enhancement	45.0	21.6	45.2	15.1	27.0	901.1	12.6	26.8
Culture	Infrastructure maintenance	39.2	50.1	183.8	59.1	49.4	582.7	38.8	17.0
	Infrastructure enhancement	9.4	11.1	109.3	13.5	10.4	288.8	16.8	35.0
Development of sport	Infrastructure maintenance	1.6	2.1	7.2	3.1	4.8	37.6	1.8	2.6
	Infrastructure enhancement	12.1	18.6	44.1	15.9	29.2	139.6	22.5	15.2
Economy and environment									
Road network	Infrastructure maintenance	525.9	558.4	2,795.1	851.0	463.6	8,951.3	434.2	398.3
	Infrastructure enhancement	359.8	448.7	275.8	58.8	46.9	353.8	346.8	52.8
Public transit	Infrastructure maintenance	2.4	31.6	107.9	9.1	87.1	1,768.3	40.2	1.8
	Infrastructure enhancement	2.0	27.3	2,727.6	24.4	48.5	6,771.6	466.3	1.8
Marine, air, rail and other transportation	Infrastructure maintenance	43.7	71.7	118.4	45.0	62.8	162.2	36.7	20.2
	Infrastructure enhancement	40.8	28.3	750.3	37.3	91.3	236.0	79.6	8.2
Municipalities	Infrastructure maintenance	149.3	189.7	574.3	138.3	227.5	1,650.6	210.2	124.4
	Infrastructure enhancement	23.4	22.3	47.9	24.3	29.3	195.7	47.4	16.1
Tourism and recreational activities	Infrastructure maintenance	18.4	26.6	96.5	2.0	10.2	534.1	19.7	2.6
	Infrastructure enhancement	7.9	19.4	129.4	22.1	27.4	63.0	16.3	17.8
Social and community housing	Infrastructure maintenance	62.0	83.3	156.1	62.4	54.0	471.7	75.3	36.7
	Infrastructure enhancement	17.2	17.3	56.3	13.7	20.3	238.3	25.1	9.1
Northern development	Infrastructure maintenance	–	–	–	–	–	–	–	–
	Infrastructure enhancement	–	0.5	9.7	–	–	8.7	–	–
Research	Infrastructure maintenance	–	–	–	–	–	–	–	–
	Infrastructure enhancement	15.2	33.5	93.7	75.8	115.4	272.6	27.8	10.6
Environment	Infrastructure maintenance	52.6	59.0	404.0	11.7	20.5	14.0	5.5	40.5
	Infrastructure enhancement	1.2	2.8	15.6	12.4	1.9	30.8	2.3	1.0

09	10	11	12	13	14	15	16	17	Outside Québec	Total
179.6	92.2	171.2	333.3	207.5	471.4	396.6	788.5	24.6	—	10,593.3
255.0	926.3	151.7	669.7	159.5	635.5	946.8	2,713.6	352.0	—	12,160.9
201.6	127.0	212.4	699.1	702.6	665.8	942.3	2,547.5	362.4	—	13,163.0
13.7	301.2	14.6	169.4	524.7	469.0	968.3	2,025.7	239.8	—	7,953.1
30.4	12.7	27.9	129.3	143.8	152.2	182.8	466.6	76.1	—	5,894.3
2.4	1.0	2.3	10.6	12.8	14.6	20.6	53.7	34.7	—	1,247.1
15.5	3.0	21.6	44.5	34.1	51.6	44.5	132.8	34.1	—	1,401.8
5.9	3.8	32.5	6.3	56.8	15.0	15.9	70.1	15.3	—	715.7
0.4	0.3	2.2	3.5	4.3	5.6	6.1	13.5	2.6	—	99.1
5.9	2.9	6.0	26.9	35.0	28.8	44.0	115.7	14.3	—	576.7
674.8	107.8	512.2	827.9	568.0	608.4	902.0	3,685.4	598.1	—	23,462.3
394.8	8.0	114.5	416.0	1,136.3	628.1	816.6	1,372.0	380.4	—	7,210.3
1.2	0.5	1.2	55.9	114.9	6.4	7.8	330.7	3.0	—	2,570.0
1.4	0.8	1.0	114.8	248.6	25.1	35.2	325.9	3.2	—	10,825.6
75.5	125.3	408.4	318.1	36.1	43.9	50.0	230.4	39.3	—	1,887.8
86.2	68.5	31.8	32.1	8.7	40.2	9.9	145.1	61.9	—	1,756.2
59.3	40.5	58.4	436.7	405.7	325.9	438.3	1,263.3	146.6	—	6,439.0
18.1	124.5	19.8	124.8	23.9	31.4	54.1	188.7	17.7	—	1,009.4
4.5	0.3	3.9	2.1	2.0	24.8	25.6	16.8	16.3	—	806.3
2.3	3.1	8.2	10.2	10.3	14.2	32.3	59.3	10.3	—	453.5
33.9	288.7	34.1	72.0	45.0	48.2	66.9	187.2	49.0	—	1,826.5
6.5	91.9	9.1	25.0	23.4	25.6	30.6	86.2	18.2	—	714.0
139.6	155.3	—	—	—	—	—	—	—	—	294.9
224.6	270.3	—	—	—	—	—	—	—	—	513.8
—	—	—	—	—	—	—	—	—	—	—
23.7	3.0	32.4	35.2	33.7	43.1	45.6	121.8	17.7	—	1,000.8
14.6	3.4	12.4	61.4	3.0	10.0	24.7	12.8	3.2	—	753.3
0.6	0.2	0.6	2.4	28.7	2.8	3.4	41.0	1.4	—	149.2

2022-2032 QIP investments**by mission, sector, type and by administrative region (cont'd)**

(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Region ¹		01	02	03	04	05	06	07	08
Mission and sector									
Agriculture, forests, fauna and other	Infrastructure maintenance	48.1	17.5	41.5	10.6	4.7	0.3	9.7	10.9
	Infrastructure enhancement	47.7	17.0	193.1	12.9	9.6	43.1	13.4	24.0
Support for individuals and families									
Educational childcare services	Infrastructure maintenance	2.5	3.5	9.6	3.5	4.2	26.3	5.1	2.0
	Infrastructure enhancement	8.7	12.1	31.9	11.8	16.1	88.2	16.8	6.4
Administration and justice									
Government administration	Infrastructure maintenance	28.2	35.2	775.2	61.6	46.3	962.0	55.1	18.1
	Infrastructure enhancement	21.4	75.3	575.4	31.5	66.0	512.7	46.2	98.4
Information resources	Infrastructure maintenance	65.9	93.7	839.0	90.9	110.8	732.8	133.5	48.3
	Infrastructure enhancement	92.1	131.1	422.3	124.9	151.6	1,064.1	181.5	68.6
Subtotal		2,753.6	3,524.6	17,332.3	3,157.3	3,704.7	41,445.4	3,806.3	1,929.6
As a percentage		2.1	2.7	13.4	2.4	2.9	32.1	2.9	1.5
Central envelope (not broken down) ²	Infrastructure maintenance	–	–	–	–	–	–	–	–
	Infrastructure enhancement	–	–	–	–	–	–	–	–
Total		2,753.6	3,524.6	17,332.3	3,157.3	3,704.7	41,445.4	3,806.3	1,929.6

1 The sectoral investment envelopes that do not include a specific project have been distributed among the regions, in proportion to the population of each of these regions compared to that of all of Québec.

2 Refer to heading 1.4 of section A.

Legend:

01: Bas-Saint-Laurent
 02: Saguenay–Lac-Saint-Jean
 03: Capitale-Nationale
 04: Mauricie
 05: Estrie
 06: Montréal

07: Outaouais
 08: Abitibi-Témiscamingue
 09: Côte-Nord
 10: Nord-du-Québec
 11: Gaspésie–Îles-de-la-Madeleine
 12: Chaudière-Appalaches

13: Laval
 14: Lanaudière
 15: Laurentides
 16: Montérégie
 17: Centre-du-Québec

09	10	11	12	13	14	15	16	17	Outside Québec	Total
15.1	4.8	14.1	1.5	0.2	2.6	4.7	51.3	0.6	—	238.3
24.7	56.0	5.8	11.6	11.6	13.8	15.7	86.8	12.6	—	599.4
1.2	0.7	1.2	5.5	5.5	6.4	7.6	19.7	3.5	—	108.0
4.2	3.0	4.2	18.4	18.7	22.0	26.2	66.9	10.5	—	366.1
29.9	3.9	61.0	81.5	85.4	47.7	76.2	170.6	38.3	29.9	2,605.9
23.4	119.7	27.5	58.7	46.2	49.2	61.2	280.3	24.8	41.0	2,158.9
33.0	15.9	31.2	145.2	147.7	173.4	207.6	528.7	82.4	2.7	3,482.7
45.7	21.1	44.1	199.3	199.7	233.8	282.2	714.7	112.9	0.5	4,090.2
2,649.2	2,987.6	2,079.3	5,148.7	5,084.2	4,936.7	6,792.3	18,913.4	2,808.0	74.1	129,127.2
2.1	2.3	1.6	4.0	3.9	3.8	5.3	14.6	2.2	0.1	100.0
—	—	—	—	—	—	—	—	—	—	3,314.8
—	—	—	—	—	—	—	—	—	—	10,058.1
2,649.2	2,987.6	2,079.3	5,148.7	5,084.2	4,936.7	6,792.3	18,913.4	2,808.0	74.1	142,500.0

Section C

Report on the condition of public infrastructure

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1. A long-term vision of government investments

To assess and monitor on a continuous basis the condition of the public infrastructure portfolio and the AMD, the government has developed a GCI to set and plan investment priorities in order to ensure infrastructure sustainability.

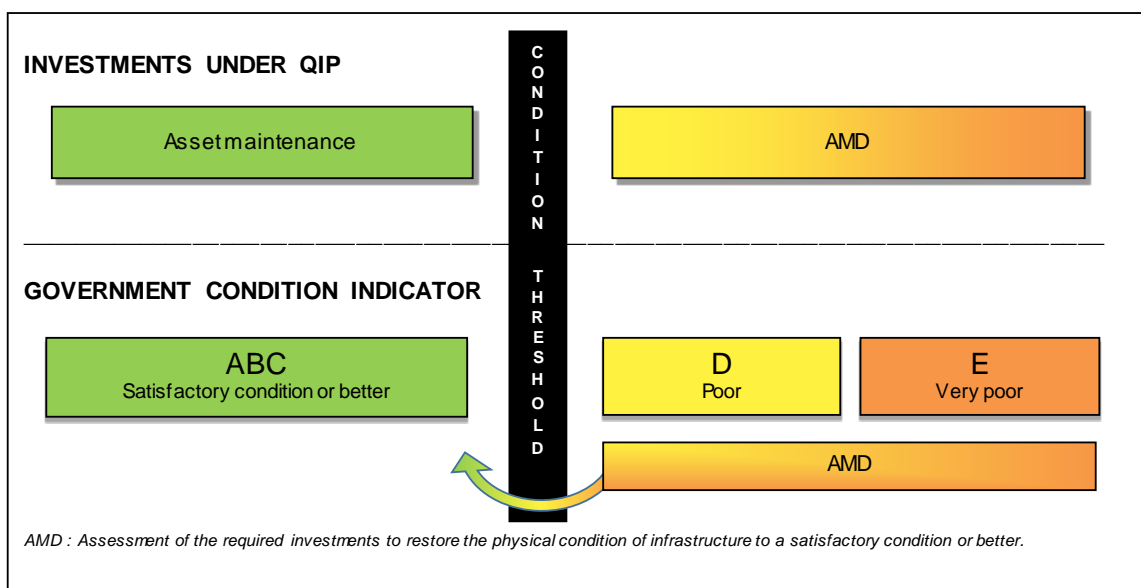
The indicator, which is based on best infrastructure investments management practices, provides a comprehensive, comparative and relative basis for assessing the condition of various categories of infrastructure. Its primary basis is quantitative, i.e., an evaluation of the investment needs required in the next five years for each existing infrastructure. It is then combined with a risk management approach focussing on the infrastructure's service potential. The GCI guides the level of recurring investment required for the QIP infrastructure maintenance.

The GCI introduces five possible conditions, ranging from very good to very poor, as well as a threshold below which infrastructure is no longer deemed in satisfactory condition. When the condition of an infrastructure drops below this threshold, it generally entails an AMD.

Government condition indicator

Indicator	Condition	Description
A	Very good	The infrastructure is generally new or has been refurbished. It provides service free of interruption or slowdowns. It requires little asset maintenance work.
B	Good	The infrastructure shows a low level of deterioration and defect. It requires some asset maintenance work. Generally, the infrastructure is in the second third of its useful life. Interruptions or service slowdowns may occasionally occur.
C	Satisfactory	The infrastructure shows a moderate level of deterioration and defect. It requires regular asset maintenance work. Generally, the infrastructure is in the final third of its useful life. Interruptions or service slowdowns occasionally occur. Risk mitigation measures are implemented, where applicable.
Condition threshold		
D	Poor	The infrastructure shows a high level of deterioration and defect. It requires significant, and sometimes urgent, asset maintenance work. Generally, the infrastructure has surpassed the end of its useful life. Interruptions or service slowdowns occur often. Significant risk mitigation measures are implemented, where applicable.
E	Very poor	The infrastructure shows a very high level of deterioration and defect. It requires very significant, and often urgent, asset maintenance work. Generally, the infrastructure has clearly surpassed the end of its useful life. Interruptions and service slowdowns occur very often. Very significant risk mitigation measures are implemented.

The AMD accounts for an estimate of the value of investments required to restore the infrastructure to a satisfactory or better condition or to replace it. Regardless of the condition of the infrastructure, the body responsible for it must ensure that the health and safety of individuals are not compromised, failing which, the infrastructure must be decommissioned. The GCI and the AMD help guide the government's choices in the preparation of the QIP.



2. Highlights of the 2022-2023 AMPIs

2.1 Majority of infrastructure deemed in good condition

❑ 60% of the infrastructure of public bodies is deemed in good condition

Overall, 60% of infrastructure under the responsibility of public bodies is deemed to be in satisfactory or better condition (GCI of A, B or C).

Condition indicators of public bodies

By infrastructure category

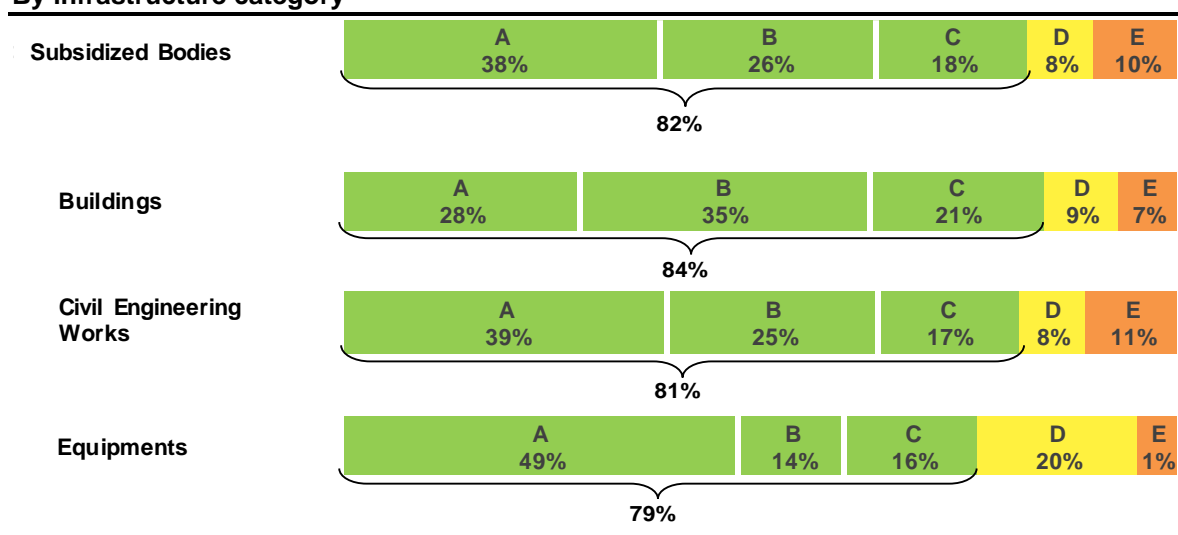


❑ 82% of the infrastructure of subsidized bodies is deemed in good condition

Overall, 82% of infrastructure under the responsibility of subsidized bodies is deemed to be in satisfactory or better condition (GCI of A, B or C).

Condition indicators of subsidized bodies

By infrastructure category



Global report on the condition of the public infrastructure portfolio¹

By sector and body

(in percentage)

	2021-2022 AMPI	2022-2023 AMPI					
	ABC	A	B	C	ABC	D	E
Public body infrastructure	60	25	19	16	60	22	18
Health and social services							
HSSN establishments	85	53	21	13	87	10	3
Education							
School organizations	44	12	14	15	41	39	20
Higher education							
CEGEPs	59	9	15	25	49	41	10
Universities	65	29	18	15	62	17	21
Total - Higher education	63	21	16	19	56	27	17
Culture							
MCC bodies and Crown corporations	56	36	2	15	53	29	18
Road network							
Transports							
Roadways	50	16	24	12	52	21	27
Structures – Highway System	53	9	18	27	54	8	38
Structures – Municipal Bridges	58	12	13	36	61	8	31
Culverts	84	50	22	11	83	9	8
Total - Road Network	54	16	21	19	56	14	30
Marine, air, rail and other transportation							
Société des traversiers du Québec	80	52	17	14	83	15	2
Tourism and recreational activities							
The Olympic Park	30	13	14	3	30	56	14
Social and community housing							
Société d'habitation du Québec	75	32	20	17	69	22	9
Environment							
Environnement et Lutte contre les changements climatiques	48	19	11	11	41	59	0
Government administration							
Société québécoise des infrastructures	61	31	15	18	64	25	11
Subsidized bodies infrastructure	80	38	26	18	82	8	10
Public transit							
Public transit corporations	71	42	21	17	80	14	6
Municipalities							
Municipalities	82	37	27	18	82	8	10
Social and community housing							
Bodies Subsidized by the SHQ	75	38	18	13	69	19	12

¹ Percentages are weighted according to replacement values.

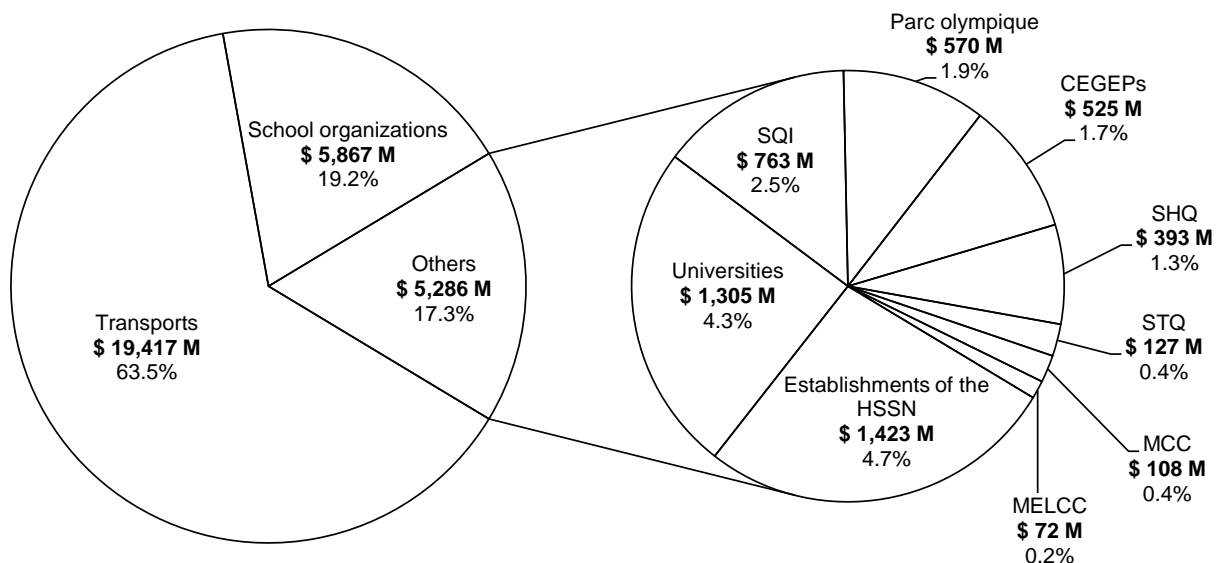
2.2 The asset maintenance deficit is assessed at \$30.6 billion

In 2022-2023, the AMD of government infrastructure stands at \$30.6 billion and is attributable to:

- The road network sector (64%);
- The education sector (19%);
- Other sectors (17%).

It is the responsibility of each public body designated by the government to prepare an AMPI to assess the AMD. Since the infrastructure of subsidized bodies does not belong to the Gouvernement du Québec, they are responsible for maintaining it, including its AMD. Consequently, the AMD of subsidized bodies is not considered in that of the government.

Distribution of public body AMD (by body)



The change in AMD is attributable to three main causes: the effects of natural degradation of infrastructure over its life cycle, including inflation in the cost of cumulative work not completed during the year, the identification of new needs during a recent inspection, and investments made to address AMD during the period.

❑ A net decrease in the AMD of \$0.3 billion

A net decrease in the AMD of \$0.3 billion is noted between the 2021-2022 AMPI and the 2022-2023 AMPI. This decrease is due to the AMD reduction work carried out during the year of \$3.4 billion, which countered the effect of natural deterioration of \$3.1 billion.

- Investments made during the period allowed for the reduction of the overall AMD by \$3.4 billion, namely:

- \$2.0 billion for repair work, critical component upgrades, and reconstruction, especially outdated buildings in the education, higher education, and health and social services networks;
- \$1.4 billion for repair work, reconstruction and correction of deficiencies on roadways, highway system structures, municipal bridges and culverts.
- The natural deterioration of infrastructure, which contributed to an increase of close to \$3.1 billion, including:
 - \$1.7 billion related to the natural aging of roadways;
 - \$1.1 billion related to the aging of buildings, notably those of the education network;
 - \$0.3 billion related to new replacement needs for medical devices that have reached the end of their useful life and the natural aging of other government civil engineering structures including bridges, culverts and wharves.

❑ **A gross decrease in the AMD of \$2.9 billion**

Compared to last year's AMD (i.e., \$27.7 billion), there is a gross increase in AMD of \$2.9 billion between the 2021-2022 AMPI and the 2022-2023 AMPI. This increase is due to the addition of \$3.2 billion in new findings from inspections during the period, including:

- A \$1.3-billion increase in the education network resulting from an improved inspection process that identified new asset maintenance work and the revised cost of projects listed in a new collecting tool for school organizations (GIEES);
- A \$1.1-billion increase for the road network resulting from an increase of:
 - \$0.4 billion related to updating intervention needs and revising the cost of roadway repair work;
 - \$0.5 billion related to updating intervention plans for deficient structures;
 - \$0.2 billion related to the upward revision of the cost of work and the addition of new requirements for culvert inspections.
- A \$0.7-billion increase for new work listed, primarily in the higher education and government administration sectors;
- A \$0.1-billion increase in AMD for significant equipment in CEGEPs and universities.

Change in public body AMD
By sector and body
(millions of dollars)

	AMPI 2021-2022	Natural deterioration	New findings	Reduction	AMPI 2022-2023
Total AMD	27,651.7	3,072.0	3,228.1	(3,381.8)	30,570.0
Health and social services					
HSSN establishments	1,495.2	329.7	(59.8)	(342.4)	1,422.7
Education					
School organizations	5,204.3	752.6	1,283.3	(1,372.9)	5,867.3
Higher education					
CEGEPs	326.2	17.1	211.8	(30.5)	524.6
Universities	1,094.2	35.6	289.3	(114.4)	1,304.7
Total – Higher education	1,420.4	52.7	501.1	(144.9)	1,829.3
Culture					
Government bodies and Crown Corporations under the authority of the MCC	74.6	46.7	18.5	(31.4)	108.4
Road network					
Transports					
Roadways	7,914.0	1,653.0	434.0	(686.0)	9,315.0
Structures – Highway System	8,444.8	8.8	394.4	(454.4)	8,393.6
Structures – Municipal Bridges	613.2	10.0	54.9	(64.1)	614.0
Culverts	951.5	114.6	182.5	(154.3)	1,094.3
Total - Transportation	17,923.5	1,786.4	1,065.8	(1,358.8)	19,416.9
Marine, air, rail and other transportation					
Société des traversiers du Québec	129.5	22.3	(1.8)	(22.8)	127.2
Tourism and recreational activities					
The Olympic Park	491.0	0.0	95.4	(16.0)	570.4
Social and community housing					
Société d'habitation du Québec	249.4	51.4	119.1	(26.6)	393.3
Environment					
Environnement et Lutte contre les changements climatiques	55.3	2.1	21.6	(7.2)	71.8
Government administration					
Société québécoise des infrastructures	608.5	28.1	184.9	(58.8)	762.7

3. The 2022-2023 Annual Management Plans for Public Infrastructure Investments

Since 2015-2016, the AMPI of bodies designated by the government have reported on the inventory and condition of most of the infrastructure under their responsibility. The implementation of AMPIs marks the first stage in a government-wide approach aimed at ensuring optimum planning of infrastructure investments earmarked in the QIP, considering the best balance between infrastructure maintenance and infrastructure development as well as Quebecers' ability to pay.

The following 2022-2023 AMPIs are available on the Secrétariat du Conseil du trésor website¹:

Bodies designated by the government to produce an AMPI

Budget Portfolio / QIP Sector	Bodies
Affaires municipales et Habitation	
- Municipalities	- Municipalities
- Social and community housing	- Société d'habitation du Québec
	- Bodies subsidized by the Société d'habitation du Québec
Conseil du trésor et administration gouvernementale	
- Government administration	- Société québécoise des infrastructures
Culture et Communications	
- Culture	- Government bodies and Crown corporations reporting to the Minister of Culture and Communications
Education and Higher education	
- Education	- School organizations
- Higher education	- CEGEPs
	- Universities
Environnement et Lutte contre les changements climatiques	
- Environment	- Ministère de l'Environnement et de la Lutte contre les changements climatiques
Health and Social services	
- Health and Social Services	- Health and social services network establishments
Tourisme	
- Tourism and recreational activities	- The Olympic Park
Transports	
- Road network	- The Ministère des Transports
- Public transit	- Public transit corporations
- Marine, air, rail and other transportation	- Société des traversiers du Québec

¹ SECRÉTARIAT DU CONSEIL DU TRÉSOR, *Publications*, <https://www.tresor.gouv.qc.ca/infrastructures-publiques/publications/>.

