EXPENDITURE BUDGET
2020 • 2021

VOL. 7

QUÉBEC INFRASTRUCTURE PLAN

2020 • 2030

Votre gouvernement

Québec

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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.

2020-2030 Québec Infrastructure Plan

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Message from the Minister responsible for Government Administration and Chair of the Conseil du trésor

The second version of the Québec Infrastructure Plan (QIP) presented by our Government is the response to the colossal challenges that Québec must face in order to maintain and enhance its infrastructure portfolio.

QIP investments have reached a historic high, i.e. $130.5 billion over the next 10 years, up $15.1 billion from the last fiscal year. This means a total increase of over $30.1 billion that our Government is dedicating to the QIP for two years, an unprecedented but essential initiative to keep the infrastructure portfolio in good condition and support its growth based on emerging needs.

Four priorities have been put forward in the development of the 2020-2030 QIP: education, with an additional $5.9 billion, mainly to expand and build primary and secondary schools; public transit, with an additional $3.3 billion and several new projects under study; health, which will benefit from an additional $2.9 billion, in part to build seniors' residences; and culture, with the deployment of the cultural itinerary of various cultural infrastructure in different regions of Québec.

In light of the Government's resolution to reduce Greenhouse gas (GHGs) and adapt to climate change, more funds have been earmarked for new public transit projects ($10.4 billion) compared with road transportation ($4.5 billion).

This trend will continue over the course of the coming years. Based on the Government's forecasts, projected investments in public transit will ultimately amount to almost $43.8 billion, including the eventual participation of financial partners. No other government in history has gone so far to address traffic congestion problems while reducing GHG emissions associated with public mobility in the medium and long term.

For the first time since its implementation, the government intends to balance total investments in public transit with investments allocated to the road network, which could total $42.5 billion. Not only are we granting record amounts to modernize our network and guarantee the road transportation service offer, but we are also investing huge amounts to acquire hybrid and electric buses and to carry out structuring electric public transit projects with rapid bus service and reserved lanes.

This QIP is proof that the Government is listening to the needs and priorities of the people. It reflects Québec's ambitions for educational success, environmental protection, improved healthcare and cultural development.

And to achieve better public accountability, the Government has committed to expanding its public communications by publishing information related to every infrastructure project of $20.0 million or more in this document and in its Tableau de bord des projets d'infrastructure publique, which is available online.

The courage and transparency we have demonstrated since last year to fulfil the expectations of Quebecers are generating the desired outcome. While the economic context is favourable, it is time to step up our efforts to go ahead with projects that are essential to our social and economic prosperity by addressing the obsolescence of our long-neglected assets and spearheading our vision of a greener and prouder Québec.

Christian Dubé

2020-2030 Québec Infrastructure Plan

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Terms

ADDITION

Acquisition or construction of new infrastructure.

IMPROVEMENT

Increase in the service potential of existing infrastructure.

ENHANCEMENT

Increase in the government service offer through the addition of a new infrastructure or the improvement of an existing infrastructure.

ASSET MAINTENANCE DEFICIT

Value of the work required to restore the physical condition of a specific structure to a satisfactory or better condition (government condition indicator of A, B or C) 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.

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 body, providing 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 supply.

PLANNED INVESTMENT

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

PROBABLE INVESTMENT

Probable cost of an investment from the Gouvernement du Québec for the government fiscal year that is ending.

ACTUAL INVESTMENT

Real cost of an investment from the Gouvernement du Québec for a government fiscal year that is closed.

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.

ADDRESSING THE ASSET MAINTENANCE DEFICIT

Investments (maintenance projects and envelopes) planned in the Québec Infrastructure Plan and specifically dedicated to reducing the asset maintenance deficit accounted for infrastructures included in an annual investment management plan.

MAJOR PROJECT

Public infrastructure project subject to the Directive sur la gestion des projets majeurs d'infrastructure publique since its estimated cost is $50.0 million or more, or $100.0 million for a roadway project or a public transit infrastructure project. In addition, the Conseil du trésor may decide to consider any infrastructure project as a major project, if deemed 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

Time period during which an infrastructure or component should serve its intended purposes.

Acronyms

ARQ	Agence du revenu Québec
ARTM	Autorité régionale de transport métropolitain
CIB	Canada Infrastructure Bank
CDPQ	Caisse de dépôt et placement du Québec
CERIU	Centre d'expertise et de recherche en infrastructures urbaines
CHSLD	Residential and long-term care centre
CLSC	Local community service centre
Directive	Directive sur la gestion des investissements en infrastructure publique
AMD	Asset maintenance deficit
IBA	Integrated Bilateral Agreement
DMAF	Disaster Mitigation and Adaptation Fund
BCFQ	Building Canada Fund – Québec
FEPTEU	Drinking Water and Wastewater Treatment Fund
FIMEAU	Fonds pour l'infrastructure municipale d'eau
NTCF	National Trade Corridors Fund
FRISSSS	Fonds des ressources informationnelles du secteur de la santé et des services sociaux
GHG	Greenhouse gas
GCI	Government condition indicator
IRI	International Roughness Index
ITHQ	Institut de tourisme et d'hôtellerie du Québec
LEED	Leadership in Energy and Environmental Design
LGGRI	Act respecting the governance and management of the information resources of public bodies and government enterprises
PIA	Public Infrastructure Act
MADA	Senior-friendly municipality
MAMH	Ministère des Affaires municipales et de l'Habitation
MEES	Ministère de l'Éducation et de l'Enseignement supérieur
MELCC	Ministère de l’Environnement et de la Lutte contre les changements climatiques
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
NBCFQ	New Building Canada Fund – Québec
AMPI	Annual Management Plans for Public Infrastructure Investments
PIQM	Programme d'infrastructures Québec–Municipalité
QIP	Québec Infrastructure Plan

PRIMADA	Senior-friendly municipality infrastructure program
PRIMEAU	Programme d'infrastructures municipales d'eau
RÉCIM	Réfection et construction des infrastructures municipales
REM	Réseau express métropolitain
IR	Information resource
RSSCE	Réseau stratégique en soutien au commerce extérieur
RSSS	Health and social services network
SCT	Secrétariat du Conseil du trésor
Sépaq	Société des établissements de plein air du Québec
SQI	Société québécoise des infrastructures
SSIP	Sous-secrétariat aux infrastructures publiques
TECQ	Programs for the Gasoline Tax and for the Québec Contribution
UBS	Use of bypass shoulders by buses

Introduction

Functional infrastructures suitable for today's needs, developed with a view to preserving the environment, will help make Québec more productive, competitive and prosperous. High-quality public infrastructure provides the means to offer the expected services to the public, improve mobility, foster the survival and creation of businesses in Québec, contribute to the creation of favourable conditions for the development, innovation and creation of jobs and support adaptation to climate change.

To this end, the 2020-2030 QIP, which presents the Government's public infrastructure investment plans for the next 10 years, will go down in history as the most ambitious plan ever presented. To keep Québec on track toward the future and rectify the obsolescence of many infrastructure in the territory, the Government has set the 2020-2030 QIP at $130.5 billion. This is an increase of $15.1 billion or 13.1% from the previous plan, the second consecutive major increase, after the $15.0 billion-increase in the 2019-2029 plan.

- Section A of the Plan presents the allocation of the funds available for the new investments, the effect of the planned QIP investments on the longevity of infrastructure and the governance related to public infrastructure investments.
- 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 reporting on investments made in 2018-2019, an update on the investments planned for 2019-2020 and statistics about past QIPs.
- Section C presents a summary of the 2020-2021 AMPIs prepared by the main departments and bodies. These plans, which, in the future, will be published online[1], allow the condition of public infrastructure and its AMDs to be tracked.

To ensure an appropriate distribution of investments between the maintenance and enhancement of the public infrastructure portfolio, the 2020-2030 QIP favours maintenance in a proportion of 61.0%.

Québec's solid financial and economic situation allows the Government to maintain the accelerated pace of its public infrastructure investments. In the interest of sound public management, the impact this second substantial increase in investments will have on debt and public expenditures was taken into account at the time it was established. The benefits of this critical intervention will be felt for many years, contributing to sustained economic growth in all of Québec's regions.

With this strong plan for the future, the Government will be able to continue to fulfil its public infrastructure commitments, especially with regard to major priorities such as education, public transit, health and culture.

[1] Website: https://www.tresor.gouv.qc.ca/infrastructures-publiques/publications/

Highlights

❑ Investments of $130.5 billion for the 2020-2030 period for the maintenance and development of public infrastructure

- An increase of $15.1 billion, or over 13.1% in comparison with the 2019-2029 QIP.
- An unprecedented level of investment.
- The majority of the investments (61% or $72.5 billion, excluding the central envelope) is allocated to the maintenance of the infrastructure portfolio, to provide a recurring level of investment in asset maintenance to protect the longevity of the infrastructure and catch up on the investment backlog for infrastructure in poor condition.
- Taking into account the anticipated impact of the investments provided for in the 2020-2030 QIP, the proportion of public body infrastructure in good condition could increase from 60.8% to 70.7% by March 2030.

❑ Significant increases in priority sectors

- $5.9 billion to restore schools and add classrooms across Québec.
- $8.6 billion invested in different modes of transportation: in the road network, to maintain the good condition of this asset that is essential to Québec's economic development, in public transit, to foster its development, contributing to the reduction of GHGs and adaptation to climate change, and in other transportation infrastructure, including measures related to the maritime strategy.
- $2.9 billion in the health and social services network, in part to build seniors' residences and replace several obsolete CHSLD.

❑ Many promising projects for Québec as a whole

- Study of structuring electric public transit projects, including those:
  - to link east, north-east and southwest Montréal to downtown;
  - to extend the REM to downtown Laval and link east and west Laval;
  - to link the REM on the South Shore to serve the Chambly / Saint-Jean-sur-Richelieu sector;
- Construction or expansion of primary and secondary schools in different regions;
- Deployment of cultural infrastructures across Québec;
- Study of several projects to modernize hospital centres including the Institut national de psychiatrie légale Philippe-Pinel and of the mental unit of the Hôpital Charles-Le Moyne;
- Substantial works dedicated to keeping the roadways in good condition and ensuring the sustainability of the road network.

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A strong plan for the future

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1. A second major increase

1.1 $21.7 billion in additional availabilities to distribute

To keep Québec on track toward the future and rectify the obsolescence of many infrastructure in the territory, the Government has set the 2020-2030 QIP at $130.5 billion, an increase of $15.1 billion. This is an unprecedented level of investment.

Thanks to this ambitious plan, the Government will be able to continue to fulfil its public infrastructure commitments, especially with regard to major priorities such as education, public transit, health and culture. This Plan will ensure that the required investments are made to keep the infrastructure portfolio in good condition and to enhance it, to provide services to the public and meet emerging needs. Many new construction sites will be added to those already in operation, all across Québec.

This $15.1-billion increase is in addition to the $6.6 billion in additional availabilities freed up through the advancement and completion of several projects in the 2019-2020 financial year, for total new investments of $21.7 billion dedicated to new investments in the 2020-2030 period.

Additional Availabilities in the 2020-2030 QIP
(contribution of the Gouvernement du Québec, in millions of dollars)

Increase in level of the QIP	15,100.0
New availabilities[1]	6,600.0
Total	**21,700.0**

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

Distribution of Additional Availabilities by Sector
(contribution of the Gouvernement du Québec, in millions of dollars)

	Sector envelope	Central envelope[1]	Total
Education	5,127.0	780.5	5,907.5
Higher Education	508.4	95.9	604.3
Road Network	2,685.0	1,000.0	3,685.0
Public Transit	1,305.2	2,000.0	3,305.2
Marine, Air, Rail and Other Transportation	1,544.2	39.7	1,583.9
Health and Social Services	1,381.6	1,554.1	2,935.7
Culture	394.0	-	394.0
Government Administration	423.8	195.6	619.4
Municipalities	504.0	-	504.0
Information Resources	491.6	3.1	494.7
Environment	343.0	-	343.0
Tourism and Recreational Activities	326.4	-	326.4
Social and Community Housing	302.7	-	302.7
Other sectors and undistributed central envelope[1]	415.9	278.3	694.2
Total	**15,752.8**	**5,947.2**	**21,700.0**

[1] Refer to section 1.3.

1.2 Substantial new investments in priority sectors

❑ An additional $5.9 billion to repair and add spaces in education

For the second consecutive year, the Government is dedicating a substantial portion of the new funds available for the QIP to education—$5.9 billion or 27.0%, of which $5.1 billion is allocated to the "Education" sector and $780.5 million is reserved in the central envelope for this sector.

Some $1.5 billion is earmarked to restore school infrastructure. Without the massive reinvestment in schools in the last two years, the proportion of school buildings in poor condition, currently at 54.0%, could not have been stabilized and would have continued to deteriorate in the years ahead. These maintenance investments will support some 2,300 projects involving school buildings' critical components, including the replacement of windows and exterior walls (19.0%), the repair or replacement of roofs (11.0%), heating, ventilation or air-conditioning systems (11.0%), electrical systems (9.0%), plumbing systems and fixtures (8.0%), fire protection, communication and security systems (8.0%) and reconstruction of foundations (4.0%).

In light of this, $1.9 billion more will be invested to accelerate the construction of more than 1,000 classrooms, that is approximately 840 classrooms at the primary level, including those in kindergarten for 4-year-olds and 175 classrooms at the secondary level, in order to eliminate the space deficits seen in various regions of Québec. Furthermore, $1.5 billion allocated to the sector, as well as the $780.5 million set aside in the central envelope, will be dedicated, over the next few years, to approximately 20 major projects for the repair, expansion and construction of secondary schools, mainly on the territory of the Communauté métropolitaine de Montréal, in order to meet the most pressing needs for student spaces. Therefore, it is more than 18,000 student spaces, or more than 620 classrooms, that will be added.

2020-2030 Additional QIP Investments
Education Sector
(contribution of the Gouvernement du Québec, in millions of dollars)

	Estimated number of projects	Additional investments
Asset maintenance envelopes	2,300	1,515.2
Allocation for non-major additional space projects	50	1,932.7
Allocation for major projects (secondary schools)	20	1,503.5
Other projects and envelopes	N/A	175.6
Subtotal – sector envelope	2,370	5,127.0
Central envelope – allocation for major projects	Included above	780.5
Total	**2,370**	**5,907.5[1]**

Notes: These investments are in addition to those that were planned in the 2019-2029 QIP and not completed.

[1] This amount is in addition to the extra $66.4 million invested in information resources for the education network, included in the "Information Resources" sector.

The MEES took the first step in summer 2019, by producing a building planning guide for primary schools. The guide sets out the vision and orientations adopted by the Government and recognizes best practices, some of which were established by the Lab-École[2]. Thus, the Government is pursuing a massive school repair and construction program so that Québec will eventually have beautiful, functional, distinctive, evolving and sustainable schools.

The guide presents the main design criteria for building primary schools, in order to achieve the following objectives:

- Make students the top concern and prime determinant in design decisions in order to support educational success, with regard to environmental (air quality, acoustics, visual elements, lighting, natural spaces), physical and technological factors.
- Guide the design of quality school spaces, meeting quality and performance standards based on the needs identified and in keeping with sustainable development principles (at least 75 years of useful life, use of renewable energy, reduction in water use, etc.).
- Ensure a safe and secure living environment for all users.
- Design spaces that adapt to changes over time and to changes in use.
- Suggest possible ways for schools to become inclusive living environments (accessibility, diversity, location, implementation, sharing with the community, schoolyards).

This tool will be key to carrying out numerous primary school construction and expansion projects. Where possible, the guide's vision and orientations will be taken into consideration, along with the required adjustments, in primary school renovation projects. A building planning guide for secondary schools is also being developed and will be tabled shortly to support the design of the buildings and the renovation work.

❑ An additional $604.0 million allocated to higher education

An additional $508.4 million is allocated to "Higher Education", including $500.0 million to the envelopes for maintaining university infrastructure. An extra $95.9 million will be set aside in the central envelope to study major projects in the college network and to increase the investments required for a number of other major projects currently under study.

2020-2030 Additional QIP Investments
Higher Education Sector
(contribution of the Gouvernement du Québec, in millions of dollars)

	Estimated number of projects	Additional investments
Asset maintenance envelopes (several non-major projects)	N/A	500.0
Other projects and envelopes	5	8.4
Subtotal – sector envelope	5	508.4
Central envelope – allocation for major projects	3	95.9
Total	**8**	**604.3[1]**

Notes: These investments are in addition to those that were planned in the 2019-2029 QIP and not completed.
[1] This amount is in addition to the extra $46.6 million invested in information resources for the higher education networks, included in the "Information Resources" sector.

[2] The Lab-École is a non-profit organization whose mission is to bring together multidisciplinary expertise to design the schools of tomorrow.[3]
Website : https://www.tableaudebordprojetsri.gouv.qc.ca/tableau-de-bord/

❑ $3.7 billion more invested in the road network

The 2020-2030 QIP provides for an additional investment of close to $2.7 billion for the "Road Network" sector. Of this amount:

- $731.2 million is earmarked for the revised cost of major projects, currently listed "in the planning stage" and the "in progress" categories, and the study of two extension projects for Route 138, namely the La Romaine–Tête-à-la-Baleine and La Tabatière–Vieux-Fort segments;
- $1,356.1 million is mainly dedicated to keeping the roadways in good condition and ensuring the sustainability of the road network;
- $597.7 million is for revisions in the cost of non-major projects currently under way.

Furthermore, an additional $1.0 billion will be set aside in the central envelope to fund major projects.

2020-2030 Additional QIP Investments
Road Network Sector
(contribution of the Gouvernement du Québec, in millions of dollars)

	Estimated number of projects	Additional investments
Allocation for major projects (revised estimate of costs)	10	731.2
Asset maintenance envelopes	159	1,356.1
Allocation for non-major projects	11	597.7
Subtotal – sector envelope	180	2,685.0
Central envelope – allocation for major projects	Included above	1,000.0
Total	**180**	**3,685.0**

Note: These investments are in addition to those that were planned in the 2019-2029 QIP and not completed.

The road network under the responsibility of the MTQ alone accounts for over 31,000 kilometres of roads and some 9,700 structures, including bridges and overpasses. This road infrastructure needs to be available for the mobility of citizens, be it by personal vehicle or public transit, as well as for the transportation of freight.

These strategic assets are essential to Québec's economic development, and significant investments are required to keep them in good condition, as:

- the cost of rebuilding roadways and structures is high, considering the substantial area they cover across Québec;
- the useful life of civil engineering structures in this sector is shortened by the deterioration accelerated by their vulnerability from exposure to weather variations (freezing/thawing) and to de-icers;
- A significant proportion of structures was built in the 1960s and 1970s and many of them have reached the end of their useful lives.

The Government is currently committed to a cycle of replacing and repairing a number of major structures, which calls for substantial investment. Several major projects are currently "in the planning stage" or "in progress" (refer to the table on page A.8).

In addition, the Government must continue to invest in the road infrastructure to ensure user safety, reduce its AMD, improve its condition and promote use by various modes of public transit. The AMD of the road infrastructure in poor condition (GCI of D or E) is assessed at $18.7 billion, or 66.0% of the AMD of all public infrastructure under the Government's responsibility ($28.2 billion). This is mainly due to a lack of investment in maintaining assets over the past few decades.

Taking into account the additional investment of $2.7 billion for the "Road Network" sector, the $26.8 billion budgeted in the 2020-2030 QIP for this sector reflects the Government's will to improve the road infrastructure. The majority of this investment, i.e. $22.3 billion (83.0%), is planned for maintenance (refer to the box on page A.13).

If we consider the $3.6 billion set aside in the central envelope for this sector, which got an injection of $1.0 billion in additional funding under the QIP, the total investment planned in the 2020-2030 QIP is $30.4 billion. In the end, road network investments could reach around $42.5 billion, if we include the $12.1 billion planned for future QIPs for the completion of projects under study.

Investment in the Road Network by the Gouvernement du Québec
(In billions of dollars)

	Degree of progress	2020-2030 QIP	Future QIPs
Road Network Sector			
Inventory maintenance, including:		22.3	
• Turcot interchange – Montréal – Reconstruction	In progress		
• Pont Pie-IX bridge (Route 125) between Montréal and Laval – Repair	In progress		
• Ville-Marie and Viger tunnels – Montréal – Repair	In progress		
• Île-d'Orléans bridge between Québec City and Île-d'Orléans – Reconstruction	In the planning stage		
• Pont de Québec between Québec City and Lévis, deck – Reconstruction	In the planning stage		
• Laviolette bridge between Trois-Rivières and Bécancour, slab – Repair	In the planning stage		
• Eastern section of Autoroute 40 (Autoroute Métropolitaine), between Boulevard Provencher and Boulevard Saint-Laurent – Montréal – Repair	In the planning stage		
• Île-aux-Tourtes bridge between Vaudreuil-Dorion and Senneville – Reconstruction;	In the planning stage		
• Louis-Hippolyte-La Fontaine tunnel between Montréal and Longueuil – Repair	In the planning stage		
• Eastbound leg of Autoroute 40 (Félix-Leclerc), between Kirkland and Baie-d'Urfé – Reconstruction	In the planning stage		
• Honoré-Mercier bridge between Montréal and Kahnawake – Reconstruction	In the planning stage		
Inventory enhancement, including:		4.5	
• Autoroute 85 (Claude Béchard) between Saint-Antonin and Saint-Louis-du-Ha! Ha! (Phase III) – Construction	In progress		
• Autoroute 19 between Laval and Bois-des-Filions – Construction	In the planning stage		
• Autoroute 20 between Beloeil and Sainte-Julie – Development	In the planning stage		
Subtotal		**26.8**	
Central envelope, including:			
• Tunnel between Québec City and Lévis (road network component) – Construction	In the planning stage		
• Interchanges north of the Pierre-Laporte bridge and the Pont de Québec – Maintenance and enhancement	Under study		
• Western section of Autoroute 40 (Autoroute Métropolitaine), between Boulevard Saint-Laurent and Autoroute 520 – Montréal – Maintenance	Under study		
• Saint-Pierre interchange – Montréal – Maintenance	Under study		
• Autoroute 50 between L'Ange-Gardien and Mirabel – Enhancement	Under study		
• Gédéon-Ouimet bridge (Autoroute 15) between Laval and Boisbriand – Maintenance	Under study		
• Autoroute 15, roadway, Laval and Boisbriand – Maintenance and enhancement	Under study		
• Autoroute 13 between Saint-Eustache and Mirabel – Enhancement	Under study		
• Route 132 between Delson and Sainte-Catherine/Saint-Constant – Enhancement	Under study		
• Autoroute 30 between Brossard and Boucherville – Enhancement	Under study		
• Route 138 between La Romaine and Tête-à-la-Baleine – Enhancement	Under study		
• Route 138 between La Tabatière and Vieux-Fort – Enhancement	Under study		
Subtotal		**3.6**	
Total		**30.4**	**12.1**
		42.5	

$3.3 billion in additional funding for the development of public transit

The development of public transit, another key priority of the Government, will be allocated $3.3 billion in additional funding in the 2020-2030 QIP to foster public mobility and improve traffic flow.

In this sense, Québec is in line with modern thinking as it undertakes to invest more in public transit infrastructure. By improving accessibility to and the capacity of public transit services, the Government will provide solutions to traffic congestion problems, improve travel time for users and address environmental challenges, in particular with regard to reducing GHG emissions.

- The quality of life of Quebecers and the competitiveness of large cities and businesses depend, in large part, on the performance and attractiveness of public transit systems.
- Structuring public transit projects also foster additional innovative solutions for mobility and Québec's know-how in the area of transportation.

A large portion of the additional funds—$2.6 billion—is allocated to major public transit projects that will transform the way commuters move around and travel to work. An additional $620.2 million is allocated to the "Public Transit" sector while $2.0 billion will be set aside in the central envelope for this purpose to ensure, among other things, the gradual provisioning of the Government's contribution to projects with an estimated cost $1.0 billion and over, until their business case is completed. Furthermore, $685.0 million is dedicated to revisions in the cost of non-major projects currently under way.

2020-2030 Additional QIP Investments
Public Transit Sector
(contribution of the Gouvernement du Québec, in millions of dollars)

	Estimated number of projects	Additional investments
Allocation for major projects	11	620.2
Allocation for non-major projects	39	685.0
Subtotal – sector envelope	50	1,305.2
Central envelope – allocation for major projects	3	2,000.0
Total	**53**	**3,305.2**

Note: These investments are in addition to those that were planned in the 2019-2029 QIP and not completed.

Taking into account an additional investment of $1.3 billion in the "Public Transit" sector, the 2020-2030 QIP reflecting the Government's will to further develop this key sector through an unprecedented investment of $13.6 billion to support the cities and public transit corporations whose responsibility it is to develop an integrated public transit vision across their territory. A further $2.2 billion is included in the central envelope, with an additional $2.0 billion allocated under the QIP. Thus, the investments planned for public transit in the 2020-2030 QIP to $15.8 billion.

The Government is also announcing the study of seven new major projects, including three structuring electric public transit projects (see the box on page A.12), mainly in Greater Montréal. Ultimately, taking into account the execution of all projects under study, it is expected that public transit investments could reach approximately $43.8 billion, with $28.0 billion in future QIPs.

These investments do not take into account the development of the $6.5-billion REM project currently under way in Greater Montréal by CDPQ Infra, a subsidiary of the CDPQ.

Besides the Gouvernement du Québec, other partners may be called on to contribute to the financing of these new projects, in particular the CDPQ, the federal government, the CIB and public transit corporations.

- For example, with regard to the IBA signed with the federal government in June 2018, $5.2 billion of federal funds have been set aside for Québec for the 2018-2028 period for the development of public transit infrastructure projects by the 10 largest public transit corporations. For its part, the CIB plans on investing at least $5.0 billion in innovative public transit projects across Canada by 2028.

Thus, Québec's contribution to the new projects will be established at a later date based on the confirmed participation of potential partners. Consequently, the funds needed to carry out these projects will be provided in a timely manner during the preparation of future QIPs.

For the first time since its implementation, the gouvernement plans to balance public transit investments with those allocated to the road network.

2020-2030 QIP Projected and Total Investments
(in billions of dollars and as a percentage)

	Total investments	Percentage
Public transit	43.8	51.0
Road network	42.5	49.0
Total	**86.3**	**100.0**

SIX STRUCTURING ELECTRIC PUBLIC TRANSIT PROJECTS

In the 2020-2030 QIP, six new structuring electric public transit projects are planned, three of which are under study (4, 5 and 6), mainly in Greater Montréal. These new projects are in addition to the structuring projects (1, 2 and 3) that were already either under study or in planning in the 2019-2029 QIP.

In the 2020-2030 QIP, the following changes have been made:

- The two projects in Longueuil have been merged into one project.
- The "Implementation of a structuring public transit mode in eastern Montréal" project, which included the north-east branch and was under study in the 2019-2029 QIP, was merged with the branch to link southwest Montréal to downtown.
- The names of these projects were modified and harmonized so as to better reflect their roles.

2020-2030 QIP	2019-2029 QIP
1. Structuring network for public transit in Québec City – Construction	Implementation of a new strategic public transit system in Québec City
2. Structuring electric public transit project between Gatineau's west end and downtown Ottawa – Enhancement	Implementation of a new public transit system in southwest Gatineau
3. Structuring electric public transit projects on Boulevard Taschereau and extension of the Métro's yellow line – Enhancement	Implementation of a structuring public transit mode within the context of the Métro yellow line extension in Longueuil
	Implementation of a structuring public transit mode on Boulevard Taschereau in Longueuil
4. Structuring electric public transit projects to link east, north-east and southwest Montréal to downtown – Enhancement	Implementation of a structuring public transit mode in eastern Montréal
5. Structuring electric public transit projects to link east, north-east and southwest Montréal to downtown – Enhancement	
6. Structuring electric public transit project to link the REM on the South Shore to serve the Chambly / SaintJean sur Richelieu sector – Enhancement	

Public Transit Investments
(in billions of dollars)

	Degree of progress	Notes	2020-2030 QIP	Investments in future QIPs and potential partners
Public Transit sector				
Inventory maintenance, including:			3.2	
• Montréal Métro, AZUR Métro cars – Replacement	In progress			
• Montréal Métro, Réno-Systèmes program (Phase III, IV and V) – Maintenance an enhancement	In progress / In the planning stage			
• Montréal Métro, train control system on the blue line (Phase I) – Replacement	In the planning stage			
Inventory enhancement, including:			10.4	
• Structuring network for public transit in Québec City – Construction	In the planning stage			
• Montréal Métro, blue line from Saint-Michel station to Anjou – Extension	In the planning stage			
• Integrated bus rapid transit service on Boulevard Pie-IX between Montréal and Laval – Development and construction;	In progress			
• Attachment centre in the northwest section of the Métro network STM – Montréal – Construction	In the planning stage			
• Reserved lanes on Autoroute 30, between Candiac and Boucherville – Enhancement	In the planning stage	1		
Subtotal			**13.6**	
Central envelope, including:				
• Structuring electric public transit project between Gatineau's west end and downtown Ottawa – Enhancement	Under study			
• Structuring electric public transit projects on Boulevard Taschereau and extension of the Métro's yellow line – Enhancement	Under study			
• Structuring electric public transit projects to link east, north-east and southwest Montréal to downtown – Enhancement	Under study	2,3		
• Structuring electric public transit projects to extend the REM to downtown Laval and link east and west Laval – Enhancement	Under study	2,3		
• Structuring electric public transit project to link the REM on the South Shore to serve the Chambly / Saint-Jean-sur-Richelieu sector – Enhancement	Under study	2,3		
• Tunnel between Québec City and Lévis (public transit component) - Construction	In the planning stage	1		
• Priority measures for public transit interconnection between Québec City and Lévis – Québec City – Enhancement	Under study	3		
• Reserved lanes on autoroutes 13, 20, 25, 440, 640 and Route 116 – Greater Montréal – Enhancement	Under study	1		
• Structuring bus rapid service public transit project on Boulevard Notre-Dame and Boulevard De La Concorde – Laval – Enhancement	Under study	3		
• Autoroute 15, Laval - reserved lanes – Maintenance and enhancement	Under study	1		
• Métrobus centre of the RTC – Québec City – Enhancement	Under study	3		
• Operations centre of the RTC – Québec City – Enhancement	Under study	3		
Subtotal			**2.2**	
Total			**15.8**	**28.0**[4]
			43.8	

1. Investments for this project are included with those for the "Road Network" sector.
2. These new projects, initiated by the Government, are currently under study; their development has been entrusted to CDPQ Infra.
3. New projects under study.
4. Corresponds to the total estimated cost of carrying out the projects under study minus the amounts already provided for in the central envelope. The portion of the $28.0-billion cost to be borne by the Gouvernement du Québec will be determined once the partners have been identified.

CHANGES IN PUBLIC TRANSIT AND ROAD NETWORK INVESTMENTS

Public transit is a rapidly-growing sector. As such, there has been a constant and significant increase in investment in this sector (112.5%) since the 2013-2023 QIP, mainly to enhance the infrastructure portfolio. Thus, 76.0% of investments in this sector are earmarked for enhancements under the 2020-2030 QIP.

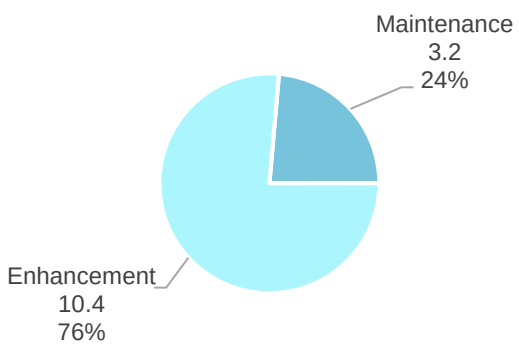
- For the same period, investments in the road network have only increased 19.6%, mainly to maintain the existing infrastructure portfolio. In fact, 83.0% of investments in this sector under the 2020-2030 QIP are dedicated to portfolio maintenance.

Increase in QIP Investments for Public Transit and the Road Network
(in billions of dollars and as a percentage)

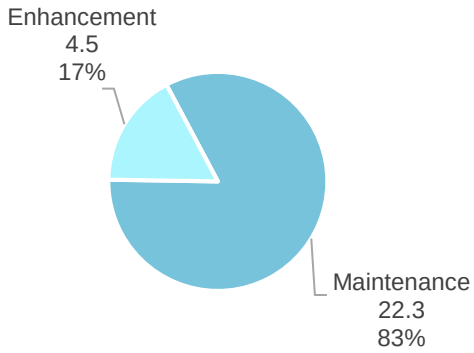
	Public transit					Road network				
	Maintenance		**Enhancement**		**Total**	**Maintenance**		**Enhancement**		**Total**
2013-2023 QIP	3.6		2.8		**6.4**	14.3		8.1		**22.4**
2020-2030 QIP	3.2	24.0%	10.4	76.0%	**13.6**	22.3	83.0%	4.5	17.0%	**26.8**
Increase					**112.5%**					**19.6%**

Allocation of Investments by Investment Type under the 2020-2030 QIP

Public transit



Road network



❑ $1.6 billion in additional funding for other modes of transportation

The development and maintenance of other modes of transportation, particularly maritime, air, rail or active, provide a range of options to travel and transport goods, particularly in outlying regions. These infrastructures help support Québec's economy, and in some cases like active transportation, achieve the environmental objectives pursued by the Government.

Additional investments of nearly $1.6 billion are allocated to infrastructure in this sector, in particular for measures related to the Maritime Strategy ($300.0 million), for financial assistance programs to meet the needs of active transportation ($109.0 million) and the local road network ($500.0 million), for follow-up to the recent Sommet sur le transport ferroviaire ($104.2 million), as well as for additional investments to the rail network in Gaspésie.

- The allocation of $300.0 million for the implementation of the latest version of the Maritime Strategy, focused on economic development, covers investments in the maritime infrastructure, in the development of maritime transportation services over short distances and in interventions to foster intermodality in maritime transportation.

❑ $2.9 billion in additional funding for health and social services

In order to give Quebecers access to quality healthcare establishments, the Government is allocating $1.4 billion in additional investments to the "Health and Social Services" sector, and $1.5 billion to the central envelope, for a total of $2.9 billion.

Of this additional amount, $2.1 billion is being allocated to major projects ($518.2 million to the sector and $1,554.1 million to the central envelope), so as to advance to the "in the planning stage" category, carry out new studies, as well as ensure the gradual provisioning of contributions to studies carried out on projects with an estimated cost of $1.0 billion and over.

- Among the projects that should advance to the "in the planning stage" category by the end of 2020-2021 is the operating room and day surgery unit project at Hôpital Charles-Le Moyne.The new projects under study include: projects to replace nine CHSLDs, a project to modernize the Centre d'hébergement Saint-Augustin, projects involving the Institut national de psychiatrie légale Philippe-Pinel, Hôpital Fleury, Hôpital de Sept-Îles and the Douglas Mental Health University Institute, as well as projects involving the operating room at Hôpital Santa Cabrini and the mental health and oncology units at Hôpital Charles-Le Moyne.

Furthermore, given Québec's ageing population and the deterioration of the health and social services network, the Government has proposed a plan to overhaul residential and long-term care centres for seniors and adults with special needs. This plan is centred on the creation of a new architectural and organizational concept, called seniors' residences and alternative residences, which aims to offer a more human and modern model that is better suited to the specific needs of seniors with reduced mobility and an adult clientele with special needs.

The concept of seniors' residences and alternative residences is significantly changing the way in which infrastructure is designed and care is offered to residents. It is based on the following guiding principles:

- Residential units, each grouping 12 residents with similar characteristics and interests;
- Larger single rooms, each equipped with a private bathroom and adapted shower to facilitate hygiene care based on needs;

- Common areas that foster the involvement of residents and their families in stimulating activities;
- A dedicated area for caregivers to encourage visits and offer them respite, both day and night;
- A design that will eliminate, as much as possible, any resemblance to institutional settings by featuring hidden nurses' stations;
- Accessible, safe outdoor areas that are open to the community;
- A design targeting LEED certification, in line with government orientations regarding sustainable development.

These new residential spaces will provide a more suitable and functional living environment, making them interesting and motivating workplaces for their staff. This will improve staff attraction and retention.

The Government would like to implement this new concept across Québec and is committed to developing new spaces and gradually renewing deteriorated CHSLDs throughout Québec. In November 2019, the Government also announced the development of at least 2,600 spaces by September 2022. In addition, non-adapted or deteriorated spaces will be rebuilt as part of the process aimed at developing new spaces.

To ensure the necessary investments, an amount of $1.0 billion was provided for in the 2019-2029 QIP for the gradual implementation of seniors' residences. An additional amount of $495.0 million is planned for this purpose in the 2020-2030 QIP.

Furthermore, the Government has authorized the study of three new major projects, which involve nine CHSLDs in the Montréal and Lanaudière regions and are aimed at transforming more than 1,500 existing spaces based on the new concept.

2020-2030 Additional QIP Investments
Health and Social Services Sector
(contribution of the Gouvernement du Québec, in millions of dollars)

	Estimated number of projects	Additional investments
Allocation for major projects (revised estimate of costs)	9	518.2
Gradual implementation of seniors' residences (revised estimate of costs)	46	495.0
Other projects and envelopes	N/A	368.4
Subtotal – sector envelope	55	1,381.6
Central envelope – allocation for major projects	7	1,554.1
Total	**62**	**2,935.7**[1]

Note: These investments are in addition to those that were planned in the 2019-2029 QIP and not completed.

[1] This amount is in addition to the extra $164.6 million invested in information resources for the health and social services network, included in the "Information Resources" sector.

❑ An additional $394.0 million for culture

The additional amounts injected into the "Culture" sector are aimed primarily at deploying cultural infrastructure and supporting public libraries in the regions. These cultural infrastructure consists of heritage buildings located in various Québec regions, which will be acquired, restored, redeveloped and converted. While aiming to preserve and enhance Québec's built heritage, these infrastructures will be used, among other things, for cultural dissemination, creation and mediation in order to promote Québec's cultural heritage.

❑ An additional $619.0 million for government administration infrastructure

The Government has allocated an additional $423.8 million for government administration buildings, mainly for maintenance work required on buildings under the responsibility of the SQI, namely office buildings, detention centres, courthouses and Sûreté du Québec police stations. An additional $195.6 million has been set aside in the central envelope to fund potential new major projects.

❑ An additional $504.0 million to support municipalities

To meet the needs of municipalities, an additional $504.0 million has been allocated to the "Municipalities" sector, including $300.0 million to cover Québec's share, in tandem with that of the federal government allocated under the DMAF, for disaster mitigation projects. The Government will also invest $100.0 million for the new flood resilience and adaptation program, as well as $101.0 million as part of a financial assistance program for the construction and improvement of municipal infrastructure in northern municipalities.

❑ An additional $495.0 million for information resources

An additional investment of $494.7 million has been allocated to information resources, to be used primarily to continue implementing the Government's digital transformation and ensure the replacement and addition of information assets. The preliminary breakdown of this additional amount allocated to the "Information Resources" sector for 2020-2030 is presented in the table below.

In June 2019, the Gouvernement du Québec unveiled its Stratégie de transformation numérique gouvernementale 2019-2023. It mobilizes all public bodies toward achieving a priority target: offering more intuitive and user-friendly public services to citizens and improving government efficiency.

Following the authorization of a project that complies with planning codes and management of information resources, it is included in the Tableau de bord sur l'état de santé des projets en ressources informationnelles, which is available online[3].

[3] Website : https://www.tableaudebordprojetsri.gouv.qc.ca/tableau-de-bord/

2020-2030 Additional QIP Investments
Information Resources Sector
(contribution of the Gouvernement du Québec, in millions of dollars)

	Additional investments
Education network	66.4
Higher education network	46.6
Health and social services network	164.6
State-owned cultural enterprises	0.7
Government departments and bodies	213.3
Subtotal – sector envelope[1]	491.6
Central envelope – allocation for major projects	3.1
Total	**494.7**

Note: These investments are in addition to those that were planned in the 2019-2029 QIP and not completed.
[1] Taking into account the $649.2 million transferred from the central envelope to this sector in 2019-2020 and the additional investment of $494.7 million, information resources will have an additional amount of $1,143.9 million at its disposal for investments over the 2020-2030 period.

❑ An additional $343 million for the environment

In order to finance new infrastructures that contribute to the reduction of GHG emissions and adaptation to climate change, the Government has allocated an additional $343.0 million to the "Environment" sector (see the box on the next page). This amount will be used primarily to cover Québec's contribution to projects submitted to the federal government as part of the green infrastructure stream of the IBA. This stream concerns the execution of projects related to greenhouse gas emission reduction, greater adaptation to the impacts of climate change and climate-related disaster mitigation.

❑ An additional $326 million for tourism and recreational installations

The Government is maintaining its support for tourism and recreational activities by investing an additional $326.4 million in a number of infrastructure projects that will generate major economic spinoffs for outlying regions. For example, the investment allocated to Sépaq will be increased by $100.6 million, primarily in order to maintain its infrastructure and improve its facilities. Furthermore, $93.0 million has been set aside for investments in activities supporting the tourism industry.

❑ An additional $303 million for social and community housing

The 2020-2030 QIP provides for an additional $302.7 million, namely to support the completion of housing units under the AccèsLogis Québec program. This measure aims to make decent, affordable housing more available to particularly vulnerable individuals, and to address the AMD for existing social housing buildings.

❑ An additional $416 million for other sectors

Further investments of $415.9 million have been set aside for other sectors, including $117.3 million for the "Sports Development" sector through the Sports and Physical Activity Development Fund, as well as $100.0 million for the "Research" sector.

INVESTMENTS FOCUSED ON THE REDUCTION OF GHG EMISSIONS AND ADAPTATION TO CLIMATE CHANGE

With an investment of $52.3 billion in infrastructure provided for in the 2020-2030 QIP and future QIPs, the Government is promoting reducing GHG emissions and adapting to climate change.

- $15.8 billion for public transit is provided for in the 2020-2030 QIP, which includes $13.6 billion for the sector and $2.2 billion for the central envelope, in order to improve access to public transit and electric transportation, primarily through:
  - the measures for the implementation of the *Sustainable Mobility Policy*, in particular by investing in active transportation through the development of bicycle paths;
  - the funding of the acquisition of hybrid and electric buses, and the implementation of reserved lanes;
  - the completion of large-scale projects, such as the extension of the Montréal Métro's blue line and the new structuring public transit network in Québec City, so as to offer reliable and efficient alternatives to cars;
  - the Government's commitment to investing in projects related to the Greater Montréal decongestion plan.

  In addition to these investments of $15.8 billion, an amount of $28.0 billion has been planned for future QIPs to complete projects that are currently under study, for a total of $43.8 billion.
- An investment of $930.6 million is provided for in the "Environment" sector, including funding for biomethanization and composting projects, for ensuring the sustainability and safety of public dams that control water flow, and for work aimed at reducing GHG emissions and adapting to climate change.
- The Government has set aside more than $7.5 billion for the "Municipalities" sector, primarily to support municipalities in their construction, repair and expansion work on drinking water and wastewater treatment infrastructure and the replacement of drinking water and sewer lines, as well as in their work carried out as part of measures targeting flood resilience and adaptation. These projects are intended to maintain and improve the quality of life for the public in their communities.
- $80.0 million for the "Maritime, Air, Rail and Other Transportation" sector, so as to develop, under the Maritime Strategy, infrastructure for maritime transportation services over short distances and deliver interventions to foster intermodality in maritime transportation, which will reduce GHG emissions resulting from the transportation of goods.

To support these investments, $7.2 billion in federal contributions have been allocated to Québec as part of Phase 2 of the Investing in Canada infrastructure plan.

Thus, all of the investments represent a total of $59.5 billion which will be dedicated to reducing GHG emissions and adapting to climate change.

Investments in Infrastructure Dedicated to Reducing GHG Emissions and Adaptation to Climate Change
(in billions of dollars)

	2020-2030 QIP	Future QIPs	Total
Gouvernement du Québec			
Public Transit[1]	15.8	28.0	43.8
Environment	0.9		0.9
Municipalities	7.5		7.5
Air, rail and other transportation sector	0.1		0.1
Subtotal	**24.3**	**28.0**	**52.3**
Federal government			
Public Transit (IBA)	5.2		5.2
Green Infrastructure (IBA)	1.8		1.8
Disaster Mitigation and Adaptation Fund (DMAF)	0.2		0.2
Subtotal	**7.2**		**7.2**
Total	**31.4**	**28.0**	**59.5**

1: The sum of $15.8 billion includes $2.2 billion set aside in the central envelope.

In addition, particular attention has been paid to the reduction of GHG emissions and adaptation to climate change in the investments planned in the other sectors. Therefore, the design of new public infrastructure, such as school buildings, healthcare institutions and government buildings, must be in line with the vision and orientations of the Government's 2015-2020 *Sustainable Development Strategy*, adopted under the *Sustainable Development Act*.

- This may translate into creating a design aimed at extending the life of a building, choosing a location that is closer to public transit networks and away from areas at risk for disasters, optimizing energy performance by reducing energy consumption and costs, using renewable energy, minimizing GHG emissions, reducing the consumption of drinking water or implementing water monitoring systems.

1.3 A central envelope to carry out major projects under study

In accordance with section 7 of the *Public Infrastructure Act*, the 2020-2030 QIP provides for a central envelope of $10.9 billion reserved to ensure the Government's financial contribution to implement, among the projects under study, those that it retains and prioritizes for approval of their opportunity file by March 31, 2021. The transfer of funds to the sectors requires a Cabinet decision.

Amounts Earmarked for Central Envelope Sectors of the 2020-2030 QIP by sector
(contribution of the Gouvernement du Québec, in millions of dollars)

Road network	3,562.1
Public transit	2,196.3
Other sectors	5,147.0
Total	**10,905.4**

Because of the considerable number of projects under study or planning, and for which the government's contribution has yet to be provisioned in the 2020-2030 QIP, the government contributions required for their completion, estimated at nearly $48.0 billion[4], must be implemented gradually over the 2020-2030 QIP ($10.9 billion) and future QIPs. However, the annual update of future QIPs will make available new funds to constitute the necessary provisions to guarantee the completion of the projects under study that will be adopted, where applicable.

4 In the 2019-2029 QIP, the government's contribution to be provisioned were estimated to nearly $30.0 billion.

- As a result, projects that require a contribution from the Gouvernement du Québec of over $1.0 billion are funded from the central envelope based on the approval date of their business case, so as to free up funds between the opportunity file date and the business case date and provide for a greater number of projects and envelopes in the interim.

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.

1.4 Diversified investments of $130.5 billion

The 2020-2030 QIP includes investments in all of the Government's activity sectors, as shown in the following table.

Breakdown of Planned Investments in the 2020-2030 QIP by Sector
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	Balance at Starting Point of 2020-2030 QIP	Breakdown of Available Funds	Final Envelopes	%
Health and Social Services				
Health and social services	19,081.0	1,381.6	20,462.6	15.7
Education and Culture				
Education	14,023.3	5,127.0	19,150.3	14.7
Higher education	5,815.0	508.4	6,323.4	4.8
Culture	1,569.5	394.0	1,963.6	1.5
Development of sport	536.0	117.3	653.3	0.5
Economy and Environment				
Road network	24,147.1	2,685.0	26,832.1	20.6
Public transit	12,275.9	1,305.2	13,581.2	10.4
Marine, air, rail and other transportation	2,509.7	1,544.2	4,053.9	3.1
Municipalities	7,032.5	504.0	7,536.5	5.8
Tourism and recreational activities	822.1	326.4	1,148.5	0.9
Social and community housing	2,207.3	302.7	2,510.0	1.9
Northern development	839.0	69.0	908.0	0.7
Research	906.5	100.0	1,006.5	0.8
Environment	587.6	343.0	930.6	0.7
Agriculture, forests, fauna and other	716.1	129.3	845.4	0.6
Support for Individuals and Families				
Educational childcare services	374.8	-	374.8	0.3
Administration and Justice				
Government administration	3,495.7	423.8	3,919.6	3.0
Information resources	6,902.7	491.6	7,394.3	5.7
Subtotal – Sector Envelopes	**103,841.8**	**15,752.8**	**119,594.6**	**91.6**
Central envelope[1]		5,947.2	10,905.4	8.4
Total	103,841.8	21,700.0	**130,500.0**	**100.0**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
[1] See section 1.3.

General and detailed tables on investments set out in the 2020-2030 QIP are presented in section B of this document.

NEW PRESENTATION OF INVESTMENTS FOCUSED ON GOVERNMENT MISSIONS

To improve the presentation of information and consistency with the other budget documents, the presentation of public infrastructure investments between the Government's various activity sectors was reviewed to compile the information based on the five government missions related to the delivery of public services. Breaking down the Government's expenditures and investments on the basis of these missions in the budget documents is intended to be a stable indicator over time, since missions are not generally influenced by changes in department responsibilities.

The missions allocated to public services are:

- **Health and Social Services:** includes infrastructure in the health and social services network.
- **Education and Culture:** includes mainly the infrastructure in the education and higher education networks, as well as those related to the Culture sector and to programs for the development of sport and physical activity.
- **Economy and Environment:** includes the infrastructure for the various modes of transportation; economic development activities, research, the northern territory, tourism and recreational activities; municipal infrastructure and infrastructure linked to social and community housing, the environment and the exploitation of natural resources.
- **Support for Individuals and Families:** includes childcare centre infrastructure.
- **Administration and Justice:** includes the infrastructure required for the delivery of services by government departments and bodies—including those managed by the Société québécoise des infrastructures, and information resources.

Two sectors presented in the 2019-2029 QIP, or "Sports, Community, Tourism and Recreational Infrastructure" and "Other Sectors," covered more than one government mission. To enable the presentation of infrastructure investments focused on the missions going forward, these two sectors were split into seven new sectors in the 2020-2030 QIP:

- Development of Sport
- Tourism and Recreational Activities
- Northern Development
- Environment
- Agriculture, Forests, Fauna and Other
- Educational Childcare Services
- Government Administration

Moreover, due to their nature, "Government Buildings" sector investments allocated to the SQI were joined with those linked to the acquisitions of movable and immovable property by government departments and bodies—formerly included in "Other Sectors"—to create the new "Government Administration" sector.

The following table reconciles the presentation of investments by sector between the 2019-2029 QIP and the 2020-2030 QIP. The reporting on investments in past years will now be made on the basis of the new sectors selected for the presentation of the 2020-2030 QIP.

2020-2030 QIP Investments
Reconciliation of the Investments of Certain Sectors Based on the New Presentation by Mission
(contribution of the Gouvernement du Québec, in millions of dollars)

2020-2030 QIP		2019-2029 QIP comparative data			
New sectors		**Former sectors**			
		Sports, community, tourism and recreational infrastructure	**Other sectors**	**Government buildings**	**Total**
1. Development of sport	**653.3**	718.0	-	-	**718.0**
2. Tourism and recreational activities	**1,148.5**	1,114.3	-	-	**1,114.3**
3. Northern development	**908.0**	-	1,018.3	-	**1,018.3**
4. Environment	**930.6**	276.3	351.4	-	**627.7**
5. Agriculture, forests, fauna and other	**845.4**	73.1	627.0	-	**700.1**
6. Educational childcare services	**374.8**	-	401.8	-	**401.8**
7. Government administration	**3,919.6**	-	1,279.0	2,602.0	**3,881.0**
Total	**8,780.2**	**2,181.7**	**3,677.5**	**2,602.0**	**8,461.2**

2. Partnerships to carry out a greater number of projects

2.1 An estimated contribution of $35.5 billion from partners

The financial participation of other partners for many projects deemed a priority for Québec, as part of agreements with the Government du Québec, makes it possible to carry them out or even do the work ahead of schedule in some cases. The main partners are the federal government, municipalities, public transit corporations and universities. Their contributions top up those of the Gouvernement du Québec in the QIP.

❑ $17.7 billion from federal infrastructure programs to support the projects set out in the QIP

In addition to the investments of the Gouvernement du Québec, $17.7 billion in federal funds support the funding of infrastructure priorities. The federal funds that are allocated to Québec come from various programs stemming from the Investing in Canada infrastructure plan and the 2014-2024 Building Canada Plan.

Federal contributions Planned for Québec
(in millions of dollars)

Investing in Canada – Phase 2	
Integrated Bilateral Agreement (IBA)	7,536.0
Disaster Mitigation and Adaption Fund (DMAF)	251.1
National Trade Corridors Fund (NTCF)	50.0
Subtotal	**7,837.1**
Investing in Canada – Phase 1	
Public Transit Infrastructure Fund	923.7
Drinking Water and Wastewater Treatment Fund	363.8
Post-Secondary Institutions Strategic Investment Fund	389.6
Connect to Innovate	154.2
Affordable Housing	286.3
Subtotal	**2,117.6**
2014-2024 Building Canada Plan	
Gas Tax Fund	5,455.7
Provincial-Territorial Infrastructure Component – National/Regional Projects	1,674.6
Provincial-Territorial Infrastructure Component – Small Communities Fund	176.9
National Infrastructure Component	389.7
Subtotal	**7,696.9**
Total	**17,651.6**

■ $7.5 billion reserved for Québec in the IBA

As part of phase 2 of the federal government's Invest in Canada infrastructure plan, Québec concluded with Ottawa the IBA for the period from 2018-2019 to 2027-2028 on June 6, 2018. Under this agreement, Québec will receive $7.5 billion, divided into four streams.

- The two main streams of the IBA, public transit and green infrastructure, focus heavily on sustainable development. These streams represent nearly $7.0 billion in federal government contributions for Québec.

- The Gouvernement du Québec submitted certain priority projects set out in the 2020-2030 QIP, in public transit in particular, to the federal government for funding. In this regard, the structuring public transit network in Québec City and the extension of the Montréal Métro's blue line projects were approved by the latter. In the coming months, Québec will determine and submit to the federal government other projects under all streams of the IBA to support the realization of its infrastructure priorities.

IBA – Amounts Planned for Québec
(in millions of dollars)

Streams	Amounts planned for Québec under the IBA
Public transit	5,182.4
Green infrastructure	1,808.1
Subtotal	6,990.5
Community, culture and recreation infrastructure	257.0
Rural and northern communities infrastructure	288.5
Total	**7,536.0**

■ $301.0 million allocated to Québec to date under the DMAF and the NTCF

Also as part of second phase of the Investing in Canada infrastructure plan, the federal government launched the DMAF, a merit-based program to help communities manage the risks of disasters triggered by natural hazards and extreme weather events. To date, ten projects have qualified in Québec, for which the federal government will invest $251.1 million. In addition, one project in Québec was selected for a $50.0-million contribution from the federal government through the NTCF.

■ $9.8 billion from other federal programs

In addition to the $7.5-billion provided for under the IBA and the $301.1-million in contributions through the DMAF and NTCF, the federal government will invest a further $9.8 billion. These investments come from other infrastructure plans: the first phase of the Investing in Canada plan and the 2014-2024 New Building Canada Plan.

❑ $17.8 billion invested by other partners

From 2020 to 2030, other partners, primarily municipalities, public transit corporations and universities, are expected to invest $17.8 billion in infrastructure projects funded by the Gouvernement du Québec.

2.2 An innovative partnership with the Caisse de dépôt et placement du Québec

The framework public infrastructure agreement concluded in 2015 between the Gouvernement du Québec and the Caisse makes use of the international expertise of the Caisse in public infrastructure project development to help bring new projects to fruition in Québec.

The first project to start up under the agreement is the REM. Assessed at $6.5-billion, the project is overseen by the Caisse, which seeks to link downtown Montréal, the South Shore, the West Island, the North Shore (Deux-Montagnes) and Pierre-Elliott-Trudeau International Airport with a single, automated, electric public transit system. Once completed, the REM, which is currently under construction, will significantly enhance the public transit system in the greater Montréal area and support the Government's decongestion plan.

- The Québec and Canadian governments are major financial partners in the project, with the former investing $1.3 billion in the form of capital stock, and the latter providing a CIB loan for the same amount. The Gouvernement du Québec will also contribute to the goals of integrating all of Montréal's transportation services through peripheral investments and through financial assistance for the ARTM, which is involved in operating the integrated network. Through state-owned enterprise Hydro-Québec, it will also contribute to the part of the project centred on the shift to an electric transit system.
- In addition to the major project to widen a segment of Autoroute 30 between the A-20 and A-10, which is currently being studied, the Government is doing short-term work to create favourable bus bypass shoulder conditions to optimize traffic flow in this busy corridor and thereby facilitate access to the REM. The shoulder enhancements completed by 2021 will therefore allow public transit to move more efficiently along this stretch of Autoroute 30 toward the REM stations near the A-10/A-30 interchange. For the stretch of Autouroute 30 between the A-10 and A-15, the Government is in the process of finalizing the needs assessment and discussions with its private-sector partner for the rollout of bus bypass shoulders by 2020-2021.

Based on the experience gained through the development of the REM, in the summer of 2019, the Government provided the Caisse with the major priorities for the planning of other public infrastructure development projects, to determine its interest. These projects are presented in the table on page A.12. The Caisse will confirm whether it is interested in carrying out these projects in the spring of 2020.

3. Planning investments to secure the sustainability of existing infrastructure

3.1 Prioritizing investments dedicated to infrastructure maintenance

To strike an adequate balance between investments in infrastructure maintenance and infrastructure enhancement, 61% of funds available under the 2020-2030 QIP is allocated to maintenance projects. With this strategy, the Government aims to balance the sustainability of existing infrastructure with the development of new infrastructure for the benefit of current and future generations.

The investments planned for under the QIP are carried out by two types of bodies:

- Public bodies such as departments, school boards, and health and social services network establishments own the infrastructure dedicated to public services directly under the Government's responsibility.
- Subsidized bodies such as municipalities and public transit corporations own the infrastructure for which they receive government funding. These bodies provide the public services within their jurisdiction. Only the funding granted by the Government to the bodies considered subsidized is included in the QIP.

In the 2020-2030 QIP, 77% of planned investments are allocated to public bodies ($100.7 billion) and 23% to subsidized bodies ($29.8 billion).

2020-2030 QIP Investments
by Type of Investments and Body[1]
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	Public bodies	%	Subsidized bodies	%	Total	%
Inventory maintenance	59,100.4	65	13,371.9	47	72,472.3	61
Inventory enhancement	31,864.0	35	15,258.3	53	47,122.3	39
Subtotal	90,964.4	100	28,630.2	100	119,594.6	100
Central envelope[2]	9,758.4		1,147.0		10,905.4	
Total	**100,722.8**	**77**	**29,777.2**	**23**	**130,500.0**	**100**

1. Details of investments by mission and sector set out in the 2020-2030 QIP are presented in Appendix 2 of section A.
2. See section 1.3.

For public bodies, the Government is prioritizing projects and envelopes that seek to address needs associated with the physical deterioration of an ageing inventory, including the repair and rebuilding of infrastructure at the end of its useful life, particularly in the road and education networks. These $59.1 billion in investments, which account for 65% of the $91.0 billion total investment excluding the central envelope, will also serve to replace obsolete equipment and allow for redesigning of schools and hospitals. On the other hand, the Government is allocating $31.9 billion to meet public bodies' most important portfolio development needs.

For subsidized bodies, the Government is focusing particularly on priority requests for investments to develop new infrastructure, especially in public transportation. To that end, $15.3 billion in investments, or 53% of the $28.6 billion total investment excluding the central envelope, are allocated for portfolio enhancements, primarily for municipalities and public transit corporations. Furthermore, the Government meets more of the maintenance needs for subsidized bodies' inventory, which is in better condition (79.5% having a GCI of A, B or C) than the public bodies' inventory (60.8% of which has a CGI of A, B or C), with $13.4 billion allocated for that purpose.

In 2020-2021, the AMD of public body infrastructure was evaluated at $28.2 billion, that is the investment required to restore infrastructure in poor condition (GCI of D or E).

With regard to subsidized bodies, since their infrastructure does not belong to the Gouvernement du Québec and since they are responsible for keeping it in good condition, the cost of work required to restore infrastructure in poor condition (GCI of D or E) is not included in the Government's AMD.

PUBLIC AND SUBSIDIZED BODIES

Public bodies

Good condition (ABC)	2020-2030 QIP
61%	$100,723.0 million
AMD	
$28,235.0 million	

The public bodies' portfolio primarily comprises government departments and bodies, school boards[5], CEGEPs, universities[6], and health and social services establishments.

This inventory, which has a replacement value of more than $250 billion, includes:

- some 12,700 buildings, including schools and hospital centres; and
- more than 31,000 kilometres of road and 9,700 bridges and overpasses.

Taking into account the anticipated impact of the investments provided for in the 2020-2030 QIP, the proportion of infrastructure in good condition could increase from 60.8% to 70.7% by March 2030.

Subsidized bodies

Good condition (ABC)	2020-2030 QIP
80%	$29,777.0 million

The infrastructure portfolio of subsidized bodies mainly includes public transit corporations and municipalities.

This inventory, which has a replacement value of more than $200 billion, includes:

- more than 96,000 kilometres of drinking, rain and waste water pipes;
- significant public transit infrastructure, including more than 500 kilometres of reserved lanes and commuter rail and Montréal Métro lines.

[5] Once the Act to amend mainly the *Education Act with regard to school organization and governance* receives royal assent (S.Q. 2020, chapter 1) school boards will be replaced by school service centres during the 2020 2021 fiscal year, with the exception of Cree and Kativik school boards.
[6] While only the Université du Québec and its constituent universities are part of the government reporting entity, all Québec universities are treated as public bodies within the meaning of the *Public Infrastructure Act*. Consequently, their infrastructure inventory is included in this category of body.

3.2 A commitment to increase investments to keep the infrastructure in good condition

In the 2018-2028 QIP, the annual average over the first five years in planned investments for maintaining the Government infrastructure was $5.9 billion. Given the significant investments required due to the advanced age of some of its infrastructure and the maintenance deficits that arose over the past two decades, this planned pace of repair and replacement work only made it possible to cover the infrastructure's expected natural deterioration. The infrastructure maintenance investments required over the first five years of the QIP to keep the infrastructure in good condition therefore had to be increased (GCI of A, B or C).

In the 2019-2029 QIP, the Government increased this average to $6.7 billion, allocating most of the $15.1 billion increase, or 8.6 billion (57%), to inventory maintenance investments.

In its 2019-2023 strategic plan, the SCT committed to gradually increasing to $7.3 billion the annual average of planned QIP investments for infrastructure maintenance by the 2023-2033 QIP. This strategy is intended to provide a sufficient level of recurrent investment to ensure the sustainability of the public infrastructure inventory.

Given the numerous issues revealed by the public infrastructure inspections and the extent of the catch-up required, the Government has decided to immediately increase the infrastructure maintenance investments in the 2020-2030 QIP from an annual average of $6.7 billion to $7.4 billion. Thus, the target of this strategic plan has been achieved.

2020-2030 QIP Investments
by Type and Five-Year Period
(contribution of the Gouvernement du Québec, in millions of dollars)

	2020-2021 to 2024-2025		2025-2026 to 2029-2030	Total QIP
	Total	Annual Average	Total	
Infrastructure maintenance	36,977.0	7,395.4	35,495.3	72,472.3
Infrastructure enhancement	26,435.8	5,287.2	20,686.5	47,122.3
Central envelope	177.3	35.5	10,728.1	10,905.4
Total	**63,590.1**	**12,718.0**	**66,909.9**	**130,500.0**

In addition, the SCT also made a commitment in its 2019-2023 strategic plan to implement the means necessary to maintain at least 60% of the infrastructure under the responsibility of public bodies in good condition (GCI of A, B, or C) by the 2023-2033 QIP.

In order to achieve the objective of this strategic plan, several departments' and bodies' projects involving repair work, reconstruction of infrastructure at the end of its useful life, and replacement of obsolete equipment must be carried out over the next decade. To this end, the Government is allocating additional funds to the 2020-2030 QIP for infrastructure maintenance, including:

- $1.5 billion in new asset maintenance envelopes for the "Education sector";
- $1.4 billion in new asset maintenance envelopes for the "Road Network sector";

- $500.0 million in new asset maintenance envelopes for the "Higher Education" sector;
- An additional $423.8 million for government administration buildings, mainly for maintenance work required on buildings under the responsibility of the SQI.

3.3 Addressing 78% of the asset maintenance deficit over 10 years

The AMD of infrastructure in poor condition (GCI of D or E) under the responsibility of public bodies was evaluated at $28.2 billion in March 2020. This AMD deficit is explained by the fact that much of Québec's public infrastructure was built in the 1960s and 1970s and as such, has or will, in the coming years, reach the end of its useful life, which generally varies between 25 and 75 years depending on the type. This situation is particularly applicable to road infrastructure and buildings in the education network whose advanced age means that major investments are required to restore them to good condition (GCI of A, B or C).

Change in the AMD of Public Bodies by Sector
(millions of dollars and per cent)

	2019-2020 AMPI	Natural Deterioration	New Findings	Elimination	Variation	2020-2021 AMPI	%
Road network							
Roadways	7,025.0	1,145.0	(73.0)	(696.0)	**376.0**	7,401.0	26.2
Structures	9,411.9	446.9	1,020.4	(566.3)	**901.0**	10,312.9	36.5
Culverts	N/A		1,032.8		**1,032.8**	1,032.8	3.7
Subtotal	16,436.9	1,591.9	1,980.2	(1,262.3)	2,309.8	18,746.7	66.4
Education	4,456.0	1,090.6	480.1	(686.2)	**884.5**	5,340.5	18.9
Other sectors	3,746.8	603.1	196.8	(399.0)	**400.9**	4,147.7	14.7
Total	**24,639.7**	**3,285.6**	**2,657.1**	**(2,347.5)**	**3,595.2**	**28,234.9**	**100.0**

Over the past year, the AMD increased by $3.6 billion. More specifically, this variation is due to:

- an increase of $3.3 billion due to the natural deterioration of inspected infrastructure, including an increase in costs for cumulative work not completed during the year;
- a $2.7-billion increase due to new findings related to the accuracy of the cost of certain planned work, including the recognition for the first time this year of the $1.0 billion AMD for culverts less than three metres from the road network;
- a $2.4-billion decrease due to the work carried out in 2019-2020 in all sectors, making it possible to reduce the AMD.

Despite this increase of $3.6 billion, 78% of the current AMD will be addressed over 10 years through investments provided for in the 2020-2030 QIP and earmarked for the repair, reconstruction and replacement of the most obsolete infrastructure over the next decade.

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

	Total AMD	AMD addressed	%
Road network	18,746.7	13,107.0	70
Education	5,340.5	5,340.5	100
Other sectors	4,147.7	3,458.7	83
Central envelope	N/A	84.6	N/A
Total	**28,234.9**	**21,990.9**	**78**

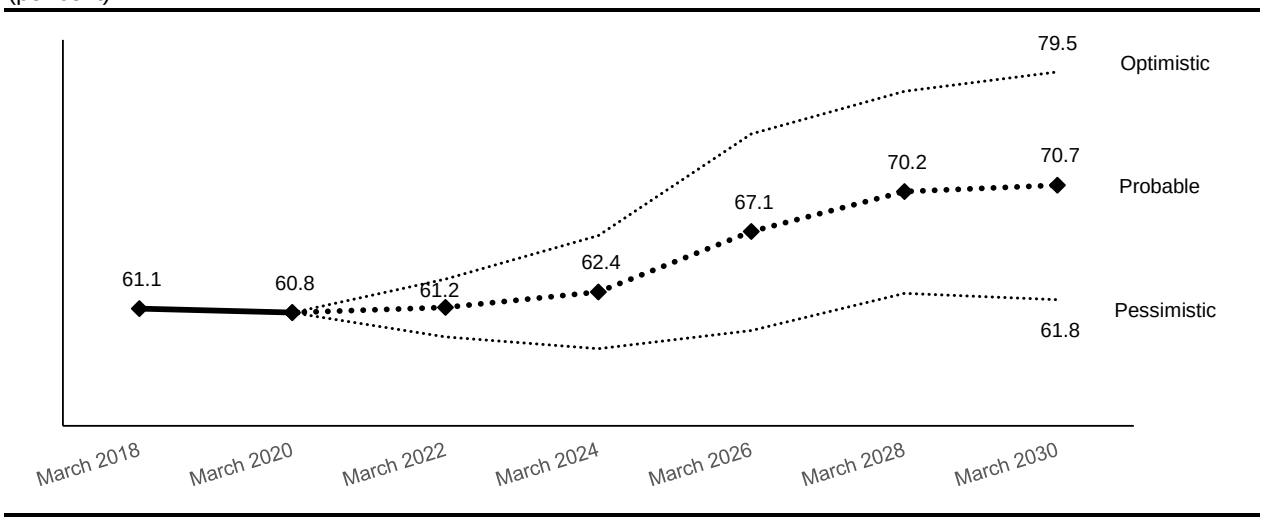
Thus, the Government is allocating a significant part of the investments provided in the 2020-2030 QIP, or nearly $22.0 billion, to carry out work targeting the AMD of infrastructure in poor condition (GCI of D or E) belonging to public bodies.

3.4 A foreseeable improvement in the condition of public infrastructure in the coming years

In order to guide choices and set measurable objectives, an initial simulation of the change in the condition and AMD of public infrastructure was carried out for the next 10 years. This exercise is mainly based on the investment choices planned for each sector in the 2020-2030 QIP as well as existing knowledge and findings expected in March 2020 concerning infrastructure that was inspected and whose condition was published in the 2020-2021 AMPI.[7]

This modeling exercise will be updated annually in order to monitor the expected outcomes and make the necessary adjustments to the choice of inventory maintenance investments to achieve the desired objectives. This simulation will also be an input in developing a strategy with public bodies for long-term AMD management, in particular with regard to identifying foreseeable major reconstruction or replacement projects based on the lifecycle of each infrastructure. Finally, the conclusive results obtained by the first model will be clarified and improved during the next QIPs and may therefore vary over time.

Expected Change in the Proportion of Infrastructure of Public Bodies in Good Condition (GCI of A, B or C)
(per cent)



[7] The 2020-2021 AMPIs are available on the website of the Secrétariat du Conseil du trésor (https://www.tresor.gouv.qc.ca/infrastructures-publiques/publications/).

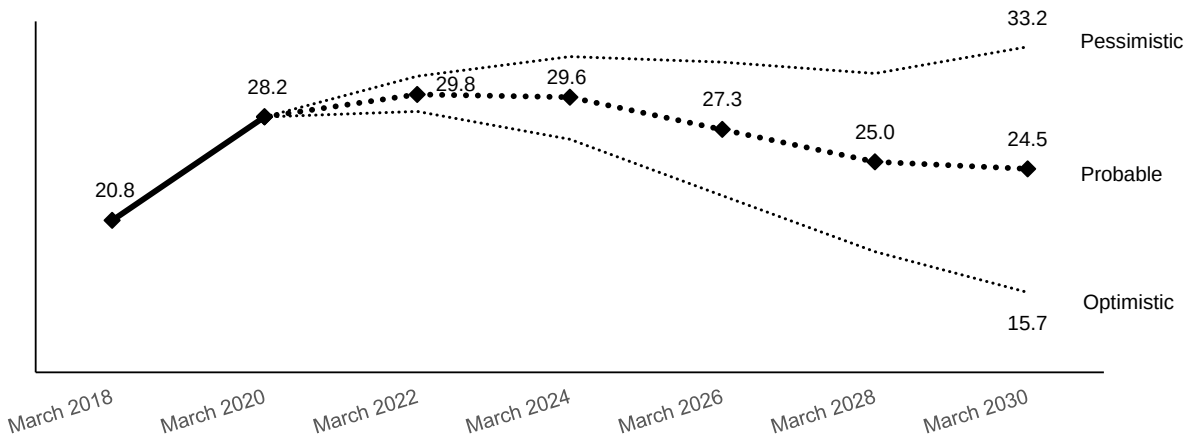
The probable preliminary results of this simulation make it possible to anticipate an improvement in the general condition of infrastructure under the responsibility of public bodies due to the level of investments currently planned for inventory maintenance. As such, the anticipated proportion of infrastructure deemed in good condition would be 70.7% in March 2030 and the AMD would stop the increase observed in recent years to reach $24.5 billion in March 2030. Considering inflation, this result would represent a significant decrease in real terms, or the equivalent of $19.0 billion in current dollars.

In order to consolidate the expected improvements and avoid a drop in expected results, the continued gradual increase in inventory maintenance investments will be necessary for the next QIPs. The results obtained can vary widely depending on the investment choices that will be made by the departments and bodies, as well as their ability and that of the construction industry to carry out the planned work. In addition, the actual deterioration rate of each infrastructure may not be as expected, particularly, due to climate change or conditions of use that may change rapidly, due, for example to increased road traffic.

The modeling also makes it possible to present different pessimistic and optimistic investment scenarios before March 2030.

- Thus, the proportion of infrastructure in good condition could improve and reach 79.5% and the AMD could decrease to $15.7 billion, for example, if inventory maintenance projects are completed sooner than anticipated.
- The proportion of infrastructure in good condition could fail to reach 61.8% and the AMD could increase to $33.2 billion, for example, if the deterioration rate or the inflation rate are higher than anticipated.

Expected Change in the AMD of Public Bodies
(billions of dollars)



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4. An increase in investments that respect public finances in the context of effervescence in the construction market

4.1 Substantial investments while controlling the impact on the debt

Much of Québec's public infrastructure was built in the 1960s and 1970s. From the 1990s through the middle of the following decade, the Gouvernement du Québec cut back on its investments in this area. Since the first QIP was implemented in 2007 after enactment of the Act to promote the maintenance and renewal of public infrastructures[8], the Government has reinvested massively in all of its infrastructure, particularly in transportation, health and education.

❑ Responding to the need for investment while respecting our capacity to pay

Given the importance of the public infrastructure inventory, Québec must dedicate significant amounts to keep the structures in good condition and ensure that they are developed as needed to provide the expected level of services to citizens and businesses.

The investment needs are immense, and some are pressing, but the resources available to deal with them are limited. The Government's initiatives must therefore generate benefits efficiently, keeping in mind the taxpayers' ability to pay. The Government is constantly having to make tough choices between the scope of its infrastructure investment and its goal of reducing the public debt. It is a major challenge. The Government must therefore prioritize its investments within the limits it has set based on the recommendations of the Minister of Finance.

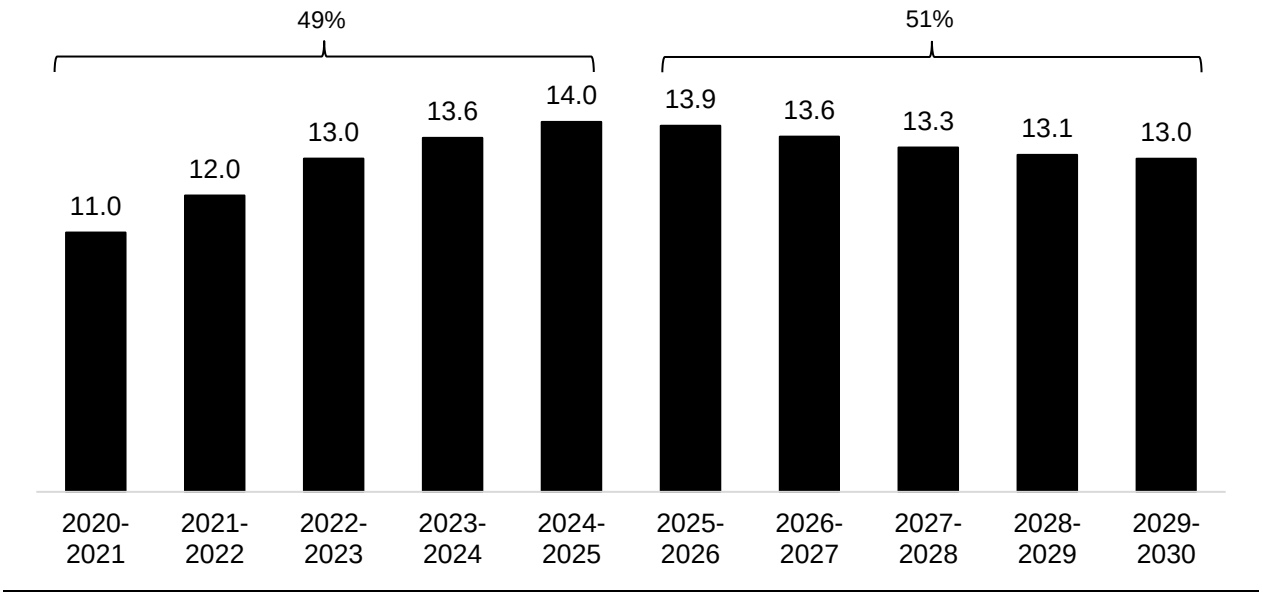
The 10-year investment plan drawn up under the QIP is tool the Government has created to guide it in this prioritization exercise.

8 That Act was superseded by the *Public Infrastructure Act* in 2013.

4.2 A ten-year investment plan

As part of the ten-year plan, the Government has committed to achieving a balanced distribution of the investments between the plan's two five-year periods.

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



❑ Controlling the impact of the investments on public spending

The $15.1-billion increase in investment planned in the 2020-2030 QIP is a significant element in the management of government expenditures. The investments will trigger an increase in government spending in the coming years, in the form of debt service and amortization of infrastructure costs. There will also be expenditures associated with transfers to third parties, mainly municipalities, public transit corporations and universities, for repayment of loans for investments in their public infrastructure. Such expenses cannot be reduced and the Government must assume them over a very long period.

Infrastructure Investment and Government Expenditures

Infrastructure investments do not usually appear in the Government's consolidated results in the fiscal year during which the work is completed.

For investments in infrastructure belonging to the public bodies[9], the cost is amortized in its expenditures over the assets' useful life, a time period that usually ranges from 3 to 50 years, depending on the asset type. Moreover, the interest expense on loans to finance infrastructure acquisitions will follow the repayment period of the loans, which usually ranges from 5 to 30 years.

For investments in infrastructure belonging to subsidized organizations, for which the Government grants transfers to cover repayments of loans and interest, the transfer expenditure will be recognized over the loan repayment period.

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

Public bodies owned infrastructure	100,722.8	77.2
Subsidized organizations owned infrastructure	29,777.2	22.8
Total	**130,500.0**	**100.0**

4.3 Maximizing the impact of Québec Infrastructure Plan investments

In the past few months, departments and bodies have noticed increasing effervescence in the construction industry. This is primarily due to:

- a scarcity in available labour in the construction industry, which is primarily the result of a decrease in the unemployment rate in this industry;
- an increase in cost for major infrastructure projects in progress, as compared to the estimates produced during the projects' planning stages, due to, among other things, a wider gap between the value of submitted quotations and anticipated quotations;
- a decrease as compared to previous years in the number of bidders participating in certain contract categories during calls for tenders;
- the cancellation of certain calls for tenders.

Under these circumstances, the effect of the planned QIP investments may be reduced if this trend continues or accelerates in the coming years.

[9] While only the Université du Québec and its constituent universities are part of the government reporting entity concerning their impact on government spending, all Québec universities are treated as public bodies.

The Government is mindful of the impact that the large number of projects launched simultaneously can have on the construction industry's ability to deliver projects on time and at the expected cost. This is why the $15.1-billion increase announced in the present QIP will be planned mainly over the second five-year period and follow the forecast growth of 3.0% for all sectors of the economy.

This approach is intended to allow the industry to adapt, in the medium and long terms, to this increase in infrastructure investment. This is a concrete measure aimed at maximizing the impact of QIP investments and limiting the negative consequences of effervescence in the construction industry.

The Government also plans to propose other promising measures ensuring that each contract is awarded at a fair price and maximizes value for the public. To do so, the SCT is responsible for evaluating the situation, identifying the causes of the effervescence in the construction market and targeting appropriate solutions. This initiative will be rolled out through two parallel components:

- setting up an interdepartmental committee consisting of the government departments and bodies most affected by the situation;
- consultation with the key players in the construction industry in order to obtain their proposals.

The Government will then be in a position to announce an action plan in late spring 2020.

5. Enhanced governance of infrastructure investments

5.1 Strategic investment planning

The *Public Infrastructure Act* sets out governance rules for the planning of public investments and the management of public infrastructure. Among other things, this has led to the creation of a 10-year investment plan (QIP), monitoring of the implementation of the Directive and the obligation for departments and bodies to produce an AMPI.

Responsible for planning and monitoring of public infrastructure investments, the SCT created the SSIP to support it in this role. It also set up an infrastructure project governance committee to monitor the issues associated with major projects from planning right through to their commissioning.

5.2 A flexible Directive

The Directive, which the Government approved in 2014, introduced a rigorous framework and management rules to support Cabinet's decision-making process for the study, planning and execution of major projects.

As stated in the 2019-2029 QIP, the Directive must be reviewed to accelerate the repair of infrastructure in poor condition when an option has already been identified. Work has begun and is progressing well, but it seems that a more extensive review is necessary to factor in the implementation issues encountered in the past years.

In the meantime, certain ad hoc Cabinet decisions have allowed projects for infrastructure with a government condition indicator of D or E for which only one option has been determined to move directly to the business case step. This will speed up renovation of FACE, a school of the Commission scolaire de Montréal, rehabilitation of the railway between Port-Daniel-Gascon and Gaspé, repair of the Autoroute Métropolitaine between Saint-Laurent and Provencher boulevards and repair of the Pont de Québec deck.

5.3 A Directive that applies to major public transit projects

Given the number and scope of public transit investment projects funded primarily by the Gouvernement du Québec, Conseil du trésor decided in July 2019, as announced in the 2019-2029 QIP, that with the exception of projects entrusted to CDPQ Infra, projects of $100.0 million and more would be subject to the Directive.

Thus, major public transit projects are now subject to the same decision-making process and the same structure as other building and road projects, namely study, planning and execution.

Directive sur la gestion des projets majeurs d'infrastructure publique

Infrastructure projects with an estimated cost of $50 million or more while road infrastructure projects, and since a Cabinet decision in July 2019, public transit projects, with an estimated cost of $100 million or more are subject to the Directive.

- **For a project to be considered "under study" in the QIP**, a preliminary project sheet must be drawn up to describe and justify the need the project meets. Depending on the priority assigned and if applicable, Conseil du trésor approves the preliminary project sheet and the project is then considered "under study."
- **During the study,** an opportunity case must be developed to assess the project's relevance and recommend the best option for meeting the need and requirements. At the end of the study phase, Cabinet approves the opportunity case and, if applicable, the project moves into the "planning" phase.
- **During planning**, a business case must be developed to detail the option selected and set out its management plan. Upon completion of the planning phase, Cabinet approves the business case and, if applicable, the project moves into the "execution" phase.
- **During execution**, summary progress reports must be written on March 31st and September 30th of each year and sent to the SCT. During execution, Cabinet must authorize any substantial change to the project's scope, schedule, financing or cost.
- For a **project to be deemed in service,** the built, replaced or rehabilitated infrastructure must be providing full or partial service as in the case when a progressive start-up is planned. However, there may still be work to complete, purchases to be made and disputes to resolve.
- At **closing**, all of the work is completed to the satisfaction of the project owner, usually the MTQ or the SQI and the project has been delivering full service for at least a year, leading to formal reception. A closing report must then be sent to the SCT. However, there may still be minor work to complete, purchases to be made and disputes to resolve.

5.4 Tableau de bord of infrastructure projects of $20 million or more

Since July 2018, the SCT has been posting its Tableau de bord[10] of infrastructure projects of $50 million or more. Information (brief description, region, activity sector, etc.) concerning some 250 projects has been made available to the public on an ongoing basis for close to two years.

During the 2020-2021 fiscal year, the SCT will improve online communication by integrating information pertaining to the 140 projects of $20 million or more published for the first time in the 2020-2030 QIP. This information not only allows the public to learn about infrastructure projects and their objectives, but also to follow their progress according to government decisions.

In addition, to make it easier to identify projects and ensure uniformity throughout government departments and bodies, the SCT has revised the names of all the projects. To this end, it has defined a standard structure for identification of the infrastructure, the location and the type of work. This type may change as the project progresses.

[10] Website: https://www.tresor.gouv.qc.ca/infrastructures-publiques/tableau-de-bord/

Appendix 1 – Development of the 2020-2030 QIP

The annual QIP planning takes into account the progress on current projects, the needs expressed by the government departments and bodies and the Government's priorities. Starting with the previous year's plan, the following factors are considered:

Change during 2019-2020 (first year of previous QIP)

The starting point of the 2020-2030 QIP does not correspond to the published 2019-2029 QIP. In fact, the following elements must be considered to update the 2019-2029 QIP in order to reflect the transactions carried out in 2019-2020, namely:

- Cabinet decisions in 2019-2020. For all major projects that Cabinet has approved for the current year, funds are transferred from the central envelope to the sector envelopes of the government departments and bodies responsible for these projects.
- For certain projects, the revised costs have resulted in changes to the Government's planned contribution, particularly for major projects.
- The removal of the first year of the previous Plan (2019-2020) and the addition of the last year (2029-2030) for an equivalent amount, to ensure that the 10-year level of investments remains constant. However, the distribution between the sector and central envelopes of the added year is different from the one subtracted.
  - In fact, the funds allocated to sector envelopes for the new year (2029-2030) primarily represent recurring asset maintenance allowances. The unallocated balance consists of the funds available to carry out new projects.
- The progress and completion of several projects release funds that become available for other investments.

Thus, the result of these operations makes it possible to determine the balance available in the sectoral envelopes and central envelope when preparation of the 2020-2030 begins.

Government decisions

Every year, the Government determines the level of QIP investment based on identified needs and government priorities, while taking into account the impact of these investments on the public finance.

Finally, the Government allocates the available funds of $21.7 billion (available balance of $6.6 billion and increase of $15.1 billion) between, on the one hand, the sector envelopes in order to execute the projects under the responsibility of the government departments and bodies, and, on the other hand, the central envelope to reserve funds that may be required for future major projects.

Appendix 1 (cont'd) – Development of the 2020-2030 QIP

Development of the 2020-2030 QIP
(contribution of the Gouvernement du Québec, in millions of dollars)

	2019-2029 QIP Expenditure Budget (March 2019)	Change During 2019-2020	Transfers from Central Envelope	Balance at Starting Point of 2020-2030 QIP	Government Decisions: Increase	Government Decisions: Breakdown of Available Funds	Final 2020-2030 QIP
Sector envelopes	103,437.9	(5,970.3)	6,374.2	**103,841.8**		15,752.8	**119,594.6**
Central envelope	11,962.1	(629.7)	(6,374.2)	**4,958.2**		5,947.2	**10,905.4**
Subtotal	**115,400.0**	**(6,600.0)**		**108,800.0**		**21,700.0**	**130,500.0**
Availability		6,600.0[1]		**6,600.0**	15,100.0	21,700.0	
Total	**115,400.0**			**115,400.0**	**15,100.0**		**130,500.0**

[1] Mainly due to the removal of the first year of the previous Plan (2019-2020) and the addition of the last year (2029-2030) for an equivalent amount to ensure that the 10-year level of investments remains constant.

Appendix 1 (cont'd) – Development of the 2020-2030 QIP

Breakdown of Available Funds

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

	2019-2029 QIP				2020-2030 QIP Change in Envelopes				2020-2030 QIP Breakdown of Available Funds		
	Expenditure Budget (March 2019)	Adjust-ment[4]	Change During [1] 2019-2020	Transfers from Central Envelope	Balance at Starting Point 2020-2030 QIP	Increase	Breakdown of Available Funds	Final Envelopes	Funds Allocated to Sector Envelopes	Breakdown of Funds Allocated to Central Envelope[3]	Total Available Funds by Mission
Health and social services											
Health and social services	20,186.4	(779.0)	(624.8)	298.4	19,081.0	-	1,381.6	20,462.6	1,381.6	1,554.1	2,935.7
Education and culture											
Education	13,889.2	-	(628.9)	763.0	14,023.3	-	5,127.0	19,150.3	5,127.0	780.5	5,907.5
Higher education	6,375.6	(50.0)	(510.6)	-	5,815.0	-	508.4	6,323.4	508.4	95.9	604.3
Culture	1,575.6	-	(6.1)	-	1,569.5	-	394.0	1,963.5	394.0	-	394.0
Sports development	718.0	-	(182.0)	-	536.0	-	117.3	653.3	117.3	-	117.3
Subtotal	22,558.4	(50.0)	(1,327.6)	763.0	21,943.8	-	6,146.7	28,090.6	6,146.7	876.4	7,023.1
Economy and environment											
Road network	24,580.0	-	(1,007.4)	574.5	24,147.1	-	2,685.0	26,832.1	2,685.0	1,000.0	3,685.0
Public transit	9,040.3	-	(850.0)	4,085.6	12,275.9	-	1,305.2	13,581.2	1,305.2	2,000.0	3,305.2
Marine, air, rail and other transportation	2,935.6	-	(425.9)	-	2,509.7	-	1,544.2	4,053.9	1,544.2	39.7	1,583.9
Municipalities	7,216.7	-	(190.7)	6.5	7,032.5	-	504.0	7,536.5	504.0	-	504.0
Tourism and recreational activities	1,114.3	-	(292.3)	-	822.1	-	326.4	1,148.5	326.4	-	326.4
Social and community housing	2,442.4	-	(235.1)	-	2,207.3	-	302.7	2,510.0	302.7	-	302.7
Northern development	1,018.3	-	(179.3)	-	839.0	-	69.0	908.0	69.0	-	69.0
Research	985.8	-	(79.2)	-	906.5	-	100.0	1,006.5	100.0	-	100.0
Environment	627.7	-	(40.1)	-	587.6	-	343.0	930.6	343.0	-	343.0
Agriculture, forests, fauna and other	700.1	-	16.0	-	716.1	-	129.3	845.4	129.3	-	129.3
Subtotal	50,661.2	-	(3,284.0)	4,666.6	52,043.8	-	7,309.0	59,352.8	7,309.0	3,039.7	10,348.7
Support for individuals and families											
Educational childcare services	401.8	-	(27.0)	-	374.8	-	-	374.8	-	-	-
Administration and justice											
Government administration	3,881.0	-	(382.2)	(3.0)	3,495.7	-	423.8	3,919.6	423.8	195.6	619.4
Information resources	5,749.1	829.0	(324.6)	649.2	6,902.7	-	491.6	7,394.3	491.6	3.1	494.7
Subtotal	9,630.1	829.0	(706.8)	646.2	10,398.5	-	915.4	11,313.9	915.4	198.7	1,114.1
Subtotal - sector envelopes	**103,437.9**	**-**	**(5,970.3)**	**6,374.2**	**103,841.8**	**-**	**15,752.8**	**119,594.6**	**15,752.8**	**5,668.9**	**21,421.7**
Central envelope[2]	**11,962.1**	**-**	**(629.7)**	**(6,374.2)**	**4,958.2**	**-**	**5,947.2**	**10,905.4**	**-**	**278.3**	**278.3**
Availability		**-**	**6,600.0**	**-**	**6,600.0**	**15,100.0**	**(21,700.0)**	**-**	**-**	**-**	**-**
Total	**115,400.0**	**-**	**-**	**-**	**115,400.0**	**15,100.0**	**-**	**130,500.0**	**15,752.8**	**5,947.2**	**21,700.0**

1 Mainly due to the removal of the first year of the previous Plan (2019-2020) and the addition of the last year (2029-2030) for an equivalent amount to ensure that the 10-year level of investments remains constant.

2 This distribution is presented for illustrative purposes only, to reflect potential transfers from the central envelope based on project status. The transfer of funds to the sectors requires a Cabinet decision in order to implement, among the projects under study, those that the Government will select and prioritize.

3 Corresponds to the balance kept as a contingency reserve and not allocated to sector envelopes.

4 For purposes of comparison with the 2020-2030 QIP, the Information Resources sector has been increased by $829.0 million and is now at a total of $6,578.1 million to take into account the transfers from "Health and social services" and "Higher education" sectors.

Appendix 2 – Investments by type of body and by type

2020-2030 QIP Investments
by Mission, Sector, Body and Type
(contribution of the Gouvernement du Québec, in millions of dollars)

	Public bodies			Subsidized bodies			Total
	Asset	Enhancement	Subtotal	Asset	Enhancement	Subtotal	
Health and social services							
Health and social services	9,294.1	11,046.6	20,340.7	121.8		121.8	20,462.6
Education and culture							
Education	13,585.0	5,565.2	19,150.3	-	-	-	19,150.3
Higher education	5,787.1	536.3	6,323.4	-	-	-	6,323.4
Culture	292.7	198.7	491.4	926.9	545.3	1,472.2	1,963.6
Sports development	31.9	281.7	313.5	39.6	300.2	339.8	653.3
Subtotal	**19,696.8**	**6,581.9**	**26,278.6**	**966.5**	**845.5**	**1,811.9**	**28,090.6**
Economy and environment							
Road network	22,275.1	4,557.0	26,832.1	-	-	-	26,832.1
Public transit	-	-	-	3,215.1	10,366.1	13,581.2	13,581.2
Marine, air, rail and other transportation	1,007.0	979.6	1,986.7	1,198.2	869.1	2,067.2	4,053.9
Municipalities	-	-	-	6,860.5	675.9	7,536.5	7,536.5
Tourism and recreational activities	676.8	270.6	947.4	-	201.1	201.1	1,148.5
Social and community housing	875.6	10.5	886.1	503.2	1,120.7	1,623.9	2,510.0
Northern development	306.0	508.1	814.1	-	94.0	94.0	908.0
Research	-	798.0	798.0	-	208.5	208.5	1,006.5
Environment	289.9	-	289.9	408.2	232.5	640.7	930.6
Agriculture, forests, fauna and other	210.6	396.0	606.5	-	238.9	238.9	845.4
Subtotal	**25,640.9**	**7,519.8**	**33,160.8**	**12,185.2**	**14,006.8**	**26,192.0**	**59,352.8**
Support for Individuals and families							
Educational childcare services	-	-	-	91.5	283.3	374.8	374.8
Administration and justice							
Government administration	1,900.1	1,889.9	3,790.0	7.0	122.6	129.6	3,919.6
Information resources	2,568.5	4,825.8	7,394.3	-	-	-	7,394.3
Subtotal	**4,468.6**	**6,715.7**	**11,184.3**	**7.0**	**122.6**	**129.6**	**11,313.9**
Subtotal - sector envelopes	**59,100.4**	**31,864.0**	**90,964.4**	**13,371.9**	**15,258.3**	**28,630.2**	**119,594.6**
Central envelope	2,815.1	6,943.3	9,758.4	-	1,147.0	1,147.0	10,905.4
Total	**61,915.5**	**38,807.3**	**100,722.8**	**13,371.9**	**16,405.3**	**29,777.2**	**130,500.0**

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

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Planned investments by sector

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1. Summary tables

1.1 Investments by mission and by sector

2020-2030 QIP Investments
By Mission and by Sector
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	2020-2030 QIP			
	Sector envelope			
Mission and sector	**Infrastructure**	**Information Resources**	**Total**	**%**
Health and Social Services				
Health and social services	20,462.6	1,410.6	21,873.1	16.8
Education and Culture				
Education	19,150.3	1,002.6	20,152.8	15.4
Higher education	6,323.4	883.6	7,207.0	5.5
Culture	1,963.5	63.7	2,027.2	1.6
Development of sport	653.3	-	653.3	0.5
Subtotal	28,090.6	1,949.8	30,040.4	23.0
Economy and Environment				
Road network	26,832.1	-	26,832.1	20.6
Public transit	13,581.2	-	13,581.2	10.4
Marine, air, rail and other transportation	4,053.9	-	4,053.9	3.1
Municipalities	7,536.5	-	7,536.5	5.8
Tourism and recreational activities	1,148.5	-	1,148.5	0.9
Social and community housing	2,510.0	-	2,510.0	1.9
Northern development	908.0	-	908.0	0.7
Research	1,006.5	-	1,006.5	0.8
Environment	930.6	-	930.6	0.7
Agriculture, forests, fauna and other	845.4	-	845.4	0.6
Subtotal	59,352.8	-	59,352.8	45.5
Support for Individuals and Families				
Educational childcare services	374.8	-	374.8	0.3
Administration and Justice				
Government administration	3,919.6	4,033.9	7,953.5	6.1
Subtotal - sector envelopes	**112,200.3**	**7,394.3**	**119,594.6**	**91.6**
Central envelope[1]			**10,905.4**	**8.4**
Total			**130,500.0**	**100.0**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 See section 1.3 in the section A.
2 Before the transfer to the "Information Resources" sector of $779.0 million from the "Health and Social Services" sector, this amount was set at $172.3 million as presented in the 2019-2029 QIP.
3 Before the transfer to the "Information Resources" sector of $50.0 million from the "Higher Education" sector, this amount was set at $775.3 million as presented in the 2019-2029 QIP.
4 Before the transfer to the "Information Resources" sector of $779.0 million from the "Health and Social Services" sector and of $50.0 million from the "Higher Education" sector, this amount was set at $5,749.1 million as presented in the 2019-2029 QIP.

2019-2029 QIP			
Sector envelope			
Infrastructure	Information resources	Total	%
19,407.3	951.4[2]	20,358.7	17.6
13,889.2	897.5	14,786.7	12.8
6,325.6	825.3[3]	7,151.0	6.2
1,575.6	61.2	1,636.9	1.4
718.0	-	718.0	0.6
22,508.4	1,784.1	24,292.5	21.1
24,580.0	-	24,580.0	21.3
9,040.3	-	9,040.3	7.8
2,935.6	-	2,935.6	2.5
7,216.7	-	7,216.7	6.3
1,114.3	-	1,114.3	1.0
2,442.4	-	2,442.4	2.1
1,018.3	-	1,018.3	0.9
985.8	-	985.8	0.9
627.7	-	627.7	0.5
700.1	-	700.1	0.6
50,661.2	-	50,661.2	43.9
401.8	-	401.8	0.3
3,881.0	3,842.7	7,723.7	6.7
96,859.8	**6,578.1[4]**	**103,437.9**	**89.6**
		11,962.1	**10.4**
		115,400.0	**100.0**

1.2 Investments by mission, sector and by year

2020-2030 QIP Investments
By Mission, Sector and by Year
(contribution of the Gouvernement du Québec, in millions of dollars)

Mission and sector	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal
Health and Social Services						
Health and social services	1,560.6	1,646.9	2,196.6	2,331.9	2,408.1	10,144.2
Education and Culture						-
Education	1,096.1	1,490.3	2,162.8	2,639.7	2,990.7	10,379.7
Higher education	731.4	741.4	860.1	809.3	618.3	3,760.6
Culture	162.9	230.7	291.0	275.5	244.3	1,204.3
Development of sport	99.6	98.5	96.7	85.6	43.7	424.1
Subtotal	2,090.0	2,560.9	3,410.6	3,810.1	3,897.0	15,768.7
Economy and Environment						
Road network	2,271.7	2,638.3	2,687.8	2,770.5	2,908.7	13,277.0
Public transit	1,082.3	1,043.4	1,107.8	1,112.1	1,621.7	5,967.2
Marine, air, rail and other transportation	587.2	699.6	582.8	572.0	476.5	2,918.0
Municipalities	587.0	677.1	817.4	780.1	778.3	3,639.9
Tourism and recreational activities	280.5	284.1	155.5	182.2	86.1	988.4
Social and community housing	442.2	429.5	323.1	214.1	198.9	1,607.7
Northern development	116.9	151.2	112.4	141.2	127.6	649.4
Research	175.9	184.2	108.8	71.3	85.0	625.1
Environment	57.7	82.5	87.4	107.5	98.1	433.2
Agriculture, forests, fauna and other	191.2	103.5	90.9	80.5	64.7	530.8
Subtotal	5,792.7	6,293.3	6,073.9	6,031.4	6,445.4	30,636.7
Support for Individuals and Families						
Educational childcare services	63.2	79.8	50.3	39.1	30.0	262.4
Administration and Justice						
Government administration	587.4	527.1	495.5	401.1	306.4	2,317.4
Information resources[1]	904.0	900.7	779.1	952.9	746.8	4,283.4
Subtotal	1,491.4	1,427.8	1,274.5	1,354.0	1,053.1	6,600.8
Subtotal - sector envelopes	**10,998.0**	**12,008.6**	**13,006.0**	**13,566.5**	**13,833.7**	**63,412.8**
Central envelope[2]	10.0	-	-	-	167.3	**177.3**
Total	**11,008.0**	**12,008.6**	**13,006.0**	**13,566.5**	**14,001.0**	**63,590.1**

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

1 This sector includes the investments in information resources of the health and social services network and of the Health and Social Services Information Resources Fund (FRISSSS) of $1,410.6 million, the education network of $1,002.6 million and the higher education networks of $883.6 million, and of the state-owned cultural enterprises of $63.7 million.

2 See section 1.3 in the section A.

2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	Subtotal	Total
2,185.5	2,179.4	2,110.5	1,959.7	1,883.3	10,318.4	**20,462.6**
					-	
2,181.1	2,140.0	1,507.3	1,473.7	1,468.5	8,770.6	**19,150.3**
519.0	521.3	495.2	533.1	494.2	2,562.8	**6,323.4**
198.9	168.3	148.7	121.2	122.2	759.2	**1,963.5**
58.2	50.2	40.2	40.2	40.2	229.2	**653.3**
2,957.2	2,879.9	2,191.5	2,168.2	2,125.1	12,321.9	**28,090.6**
2,867.6	2,581.2	2,614.1	2,543.2	2,948.9	13,555.1	**26,832.1**
2,228.5	1,888.6	1,332.4	1,129.9	1,034.5	7,613.9	**13,581.2**
281.7	213.1	193.8	221.4	225.9	1,135.9	**4,053.9**
775.4	803.3	763.6	774.8	779.5	3,896.6	**7,536.5**
41.7	38.5	34.2	26.8	18.9	160.1	**1,148.5**
212.6	181.5	184.8	156.8	166.6	902.3	**2,510.0**
59.1	46.9	52.2	48.2	52.2	258.7	**908.0**
88.9	81.5	73.5	67.5	70.0	381.4	**1,006.5**
101.8	97.9	112.9	108.8	76.0	497.4	**930.6**
66.2	59.5	60.7	63.7	64.7	314.6	**845.4**
6,723.5	5,992.1	5,422.2	5,141.0	5,437.2	28,716.0	**59,352.8**
27.5	25.0	20.0	20.0	19.9	112.4	**374.8**
295.0	350.3	335.7	324.9	296.3	1,602.2	**3,919.6**
670.5	619.9	612.6	619.5	588.5	3,110.9	**7,394.3**
965.5	970.2	948.3	944.4	884.7	4,713.1	**11,313.9**
12,859.2	**12,046.5**	**10,692.5**	**10,233.2**	**10,350.3**	**56,181.8**	**119,594.6**
1,037.9	1,554.2	2,610.8	2,873.7	2,651.6	10,728.1	**10,905.4**
13,897.2	**13,600.7**	**13,303.2**	**13,106.9**	**13,001.9**	**66,909.9**	**130,500.0**

1.3 Investments by investment type and by year

2020-2030 QIP Investments
By Type and by Year
(contribution of the Gouvernement du Québec, in millions of dollars)

	2020-2030 QIP					
Investment type	**2020-2021**	**2021-2022**	**2022-2023**	**2023-2024**	**2024-2025**	**Subtotal 2020-2025**
Inventory maintenance						
Asset maintenance	2,900.1	3,351.4	3,308.0	3,885.4	4,031.1	17,475.9
AMD management	1,974.0	2,159.8	2,857.2	2,612.2	2,711.7	12,314.8
Replacement	1,476.4	1,507.9	1,732.5	1,266.7	1,137.0	7,120.4
Studies	27.7	19.9	10.8	7.0	0.4	65.9
Subtotal	**6,378.1**	**7,039.0**	**7,908.5**	**7,771.3**	**7,880.1**	**36,977.0**
Inventory enhancement						
Addition and improvement	4,438.7	4,713.0	4,756.8	5,700.0	5,950.1	25,558.6
Studies	181.2	256.7	340.6	95.2	3.5	877.2
Subtotal	**4,619.9**	**4,969.7**	**5,097.5**	**5,795.2**	**5,953.6**	**26,435.8**
Central envelope[1]	10.0	-	-	-	167.3	177.3
Total	**11,008.0**	**12,008.6**	**13,006.0**	**13,566.5**	**14,001.0**	**63,590.1**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 See section 1.3 in the section A.

2020-2030 QIP							2019-2029 QIP
2025-2026	**2026-2027**	**2027-2028**	**2028-2029**	**2029-2030**	**Subtotal 2025-2030**	**Total**	**Total**
4,320.1	4,668.9	3,985.9	3,576.2	4,524.2	21,075.4	**38,551.3**	**36,545.4**
2,214.1	1,932.8	2,033.3	1,937.7	1,473.4	9,591.4	**21,906.3**	**17,366.8**
943.1	917.6	1,151.6	1,031.6	784.6	4,828.5	**11,948.9**	**13,199.2**
-	-	-	-	-	-	**65.9**	**52.1**
7,477.3	**7,519.4**	**7,170.9**	**6,545.5**	**6,782.2**	**35,495.3**	**72,472.3**	**67,163.5**
5,381.5	4,527.1	3,521.6	3,687.7	3,568.1	20,686.1	**46,244.7**	**35,714.8**
0.4	-	-	-	-	0.4	**877.6**	**559.6**
5,381.9	**4,527.1**	**3,521.6**	**3,687.7**	**3,568.1**	**20,686.5**	**47,122.3**	**36,274.3**
1,037.9	1,554.2	2,610.8	2,873.7	2,651.6	10,728.1	**10,905.4**	**11,962.1**
13,897.2	**13,600.7**	**13,303.2**	**13,106.9**	**13,001.9**	**66,909.9**	**130,500.0**	**115,400.0**

1.4 Investments by mission, sector and by investment type

2020-2030 QIP Investments
By Mission, Sector and by Type
(contribution of the Gouvernement du Québec, in millions of dollars)

	2020-2030 QIP				
	Inventory maintenance				
Mission and sector	**Asset maintenance**	**AMD management**	**Replacement**	**Studies**	**Subtotal**
Health and Social Services					
Health and social services	3,259.7	1,291.6	4,825.0	39.7	**9,415.9**
Education and Culture					
Education	7,545.0	5,340.5	699.5	-	**13,585.0**
Higher education	3,302.5	1,307.4	1,177.2	-	**5,787.1**
Culture	874.9	45.6	299.0	0.2	**1,219.6**
Development of sport	71.4	-	-	-	**71.4**
Subtotal	11,793.8	6,693.5	2,175.7	0.2	**20,663.2**
Economy and Environment					
Road network	7,626.5	13,107.0	1,529.2	12.4	**22,275.1**
Public transit	2,070.3	-	1,144.8	-	**3,215.1**
Marine, air, rail and other transportation	1,994.6	56.4	154.2	-	**2,205.2**
Municipalities	6,097.0	-	763.6	-	**6,860.5**
Tourism and recreational activities	333.1	133.1	210.6	-	**676.8**
Social and community housing	1,198.3	180.5	-	-	**1,378.8**
Northern development	306.0	-	-	-	**306.0**
Research	-	-	-	-	**-**
Environment	541.7	44.5	111.9	-	**698.1**
Agriculture, forests, fauna and other	208.6	-	2.0	-	**210.6**
Subtotal	20,376.0	13,521.4	3,916.3	12.4	**37,826.1**
Support for Individuals and Families					
Educational childcare services	91.5	-	-	-	**91.5**
Administration and Justice					
Government administration	1,095.5	399.8	398.1	13.6	**1,907.1**
Information resources[1]	1,934.7	-	633.8	-	**2,568.5**
Subtotal	3,030.3	399.8	1,032.0	13.6	**4,475.6**
Subtotal – sector envelopes	**38,551.3**	**21,906.3**	**11,948.9**	**65.9**	**72,472.3**
Central envelope[2]	2,725.5	84.6	-	5.0	**2,815.1**
Total	**41,276.8**	**21,990.9**	**11,948.9**	**70.9**	**75,287.4**

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

1 This sector includes the investments in information resources of the health and social services network of the Health and Social Services Information Resources Fund (FRISSSS) of $1,410.6 million, the education network of $1,002.6 million and the higher education networks of $883.6 million, and of the state-owned cultural enterprises of $63.7 million.

2 See section 1.3 in the section A.

3 Before the transfer to the "Information Resources" sector of $779.0 million from the "Health and Social Services" sector, this amount was set at $20,186.4 million as presented in the 2019-2029 QIP.

4 Before the transfer to the "Information Resources" sector of $50.0 million from the "Higher Education" sector, this amount was set at $6,375.6 million as presented in the 2019-2029 QIP.

5 Before the transfer to the "Information Resources" sector of $779.0 million from the "Health and Social Services" sector and of $50.0 million from the "Higher Education" sector, this amount was set at $5,749.1 million as presented in the 2019-2029 QIP.

2020-2030 QIP				2019-2029 QIP		
Inventory enhancement			Total	Inventory maintenance	Inventory enhancement	Total
Addition and improvement	Studies	Subtotal				
10,978.1	68.6	11,046.6	**20,462.6**	9,733.6	9,673.7	**19,407.3**[3]
5,546.8	18.4	5,565.2	**19,150.3**	10,511.6	3,377.5	**13,889.2**
505.5	30.8	536.3	**6,323.4**	5,691.5	634.1	**6,325.6**[4]
743.9	-	743.9	**1,963.5**	1,245.8	329.8	**1,575.6**
581.9	-	581.9	**653.3**	63.5	654.5	**718.0**
7,378.2	49.2	7,427.4	**28,090.6**	17,512.5	4,995.9	**22,508.4**
4,177.2	379.8	4,557.0	**26,832.1**	20,201.0	4,379.0	**24,580.0**
10,000.9	365.2	10,366.1	**13,581.2**	3,465.7	5,574.6	**9,040.3**
1,848.3	0.5	1,848.7	**4,053.9**	1,416.3	1,519.3	**2,935.6**
675.9	-	675.9	**7,536.5**	6,309.5	907.2	**7,216.7**
471.5	0.2	471.7	**1,148.5**	670.3	444.0	**1,114.3**
1,131.2	-	1,131.2	**2,510.0**	1,259.7	1,182.7	**2,442.4**
602.1	-	602.1	**908.0**	272.4	745.9	**1,018.3**
1,006.5	-	1,006.5	**1,006.5**	27.4	958.4	**985.8**
232.5	-	232.5	**930.6**	351.4	276.3	**627.7**
634.9	-	634.9	**845.4**	198.1	502.0	**700.1**
20,781.0	745.7	21,526.7	**59,352.8**	34,171.9	16,489.4	**50,661.2**
283.3	-	283.3	**374.8**	88.8	313.0	**401.8**
1,998.4	14.2	2,012.5	**3,919.6**	1,930.6	1,950.4	**3,881.0**
4,825.8	-	4,825.8	**7,394.3**	3,726.1	2,852.0	**6,578.1**[5]
6,824.1	14.2	6,838.3	**11,313.9**	5,656.7	4,802.4	**10,459.1**
46,244.7	**877.6**	**47,122.3**	**119,594.6**	**67,163.5**	**36,274.3**	**103,437.9**
8,085.3	5.0	8,090.3	**10,905.4**	3,075.0	8,887.2	**11,962.1**
54,330.0	**882.6**	**55,212.6**	**130,500.0**	**70,238.5**	**45,161.5**	**115,400.0**

1.5 Authorized and announced projects of $20.0 million or more and other 2020-2030 QIP investments by mission, sector and by project and envelope

Authorized and Announced Projects of $20.0 million or more and other 2020-2030 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 $20.0 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	22	2,594.9	25	4,779.4	28	107.5	75	7,481.8
Education and Culture								
Education	6	76.4	62	3,014.2	2	3.3	70	3,093.9
Higher education	5	94.2	4	404.3	8	30.8	17	529.3
Culture	1	2.2	4	74.5	-	-	5	76.7
Development of sport	3	10.8	4	30.0	-	-	7	40.8
Subtotal	15	183.6	74	3,522.9	10	34.1	99	3,740.6
Economy and Environment								
Road network	36	4,713.1	32	7,036.6	18	75.7	86	11,825.4
Public transit	17	1,923.2	27	7,736.3	11	420.4	55	10,079.9
Marine, air, rail and other transportation	7	223.5	4	348.5	2	1.5	13	573.5
Municipalities	14	182.2	4	60.5	-	-	18	242.7
Tourism and recreational activities	10	223.9	2	226.0	2	0.2	14	450.1
Social and community housing	-	-	-	-	-	-	-	-
Northern development	2	119.8	2	68.3	-	-	4	188.1
Research	4	89.4	-	-	-	-	4	89.4
Environment	-	-	5	145.0	-	-	5	145.0
Agriculture, forests, fauna and other	2	45.0	-	-	-	-	2	45.0
Subtotal	92	7,520.2	76	15,621.2	33	497.8	201	23,639.3
Support for Individuals and Families								
Educational childcare services	-	-	-	-	-	-	-	-
Administration and Justice								
Government administration	4	84.4	5	241.8	3	22.3	12	348.5
Information resources	4	206.3	7	309.0	-	-	11	515.3
Subtotal	8	290.7	12	550.8	3	22.3	23	863.8
Subtotal - sector envelopes	**137**	**10,589.5**	**187**	**24,474.3**	**74**	**661.7**	**398**	**35,725.5**
Central envelope[5]								
Total	**137**	**10,589.5**	**187**	**24,474.3**	**74**	**661.7**	**398**	**35,725.5**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 A list of projects of $20.0 million or more is presented for each of the sectors based on their degree of progress and the government authorizations obtained.
2 The contribution of the Gouvernement du Québec for projects under study represents the investments set out in the QIP for studies of these projects carried out under the Directive sur la gestion des projets majeurs d'infrastructure publique.
3 This heading includes the contribution of the Gouvernement du Québec for authorized projects under $20.0 million, new projects awaiting authorizations and certain authorized projects of $20.0 million or more for which some information must remain confidential because of current or future calls for tender.
4 These investment envelopes represent the amounts that will be allocated to new non-major projects, mainly for inventory maintenance.
5 See section 1.3 in the section A.

Other investments				Total
Other projects[3]	Envelopes for inventory maintenance[4]	Envelopes for inventory enhancement[4]	Subtotal	
1,011.9	8,682.4	3,286.5	12,980.8	**20,462.6**
1,555.1	13,215.5	1,285.8	16,056.4	**19,150.3**
80.1	5,447.1	266.9	5,794.1	**6,323.4**
162.5	1,193.2	531.2	1,886.9	**1,963.5**
42.7	58.6	511.2	612.5	**653.3**
1,840.3	19,914.4	2,595.2	24,349.9	**28,090.6**
2,718.3	11,020.7	1,267.7	15,006.7	**26,832.1**
1,194.0	611.2	1,695.9	3,501.2	**13,581.2**
753.0	1,448.1	1,279.3	3,480.4	**4,053.9**
160.0	6,560.8	573.0	7,293.8	**7,536.5**
141.8	343.9	212.7	698.4	**1,148.5**
-	1,378.8	1,131.2	2,510.0	**2,510.0**
502.9	-	217.0	719.9	**908.0**
201.0	-	716.1	917.1	**1,006.5**
66.6	625.8	93.2	785.6	**930.6**
30.6	199.4	570.4	800.4	**845.4**
5,768.1	22,188.7	7,756.7	35,713.5	**59,352.8**
10.3	91.5	273.0	374.8	**374.8**
584.8	1,492.7	1,493.6	3,571.1	**3,919.6**
1,979.2	1,884.8	3,015.0	6,879.0	**7,394.3**
2,564.0	3,377.5	4,508.6	10,450.1	**11,313.9**
11,194.7	**54,254.5**	**18,419.9**	**83,869.1**	**119,594.6**
9,689.3	312.0	904.1	10,905.4	**10,905.4**
20,883.9	**54,566.5**	**19,324.1**	**94,774.5**	**130,500.0**

1.6 Investments by mission, sector and by administrative region

2020-2030 QIP Investments
By Mission, Sector and by Administrative Region
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Mission and sector / Region[1]	01	02	03	04	05	06	07	08
Health and Social Services								
Health and social services	448.8	513.3	3,614.4	610.5	753.0	5,747.4	560.4	423.7
Education and Culture								
Education	458.7	655.7	1,379.9	512.1	588.1	5,202.6	781.7	347.0
Higher education	115.2	167.8	812.3	188.9	408.7	3,040.0	166.8	74.9
Culture	57.5	65.4	235.8	62.0	61.3	789.9	57.9	22.6
Development of sport	20.9	23.7	56.7	18.7	26.1	163.1	26.0	11.1
Economy and environment								
Road network	1,105.9	884.9	2,418.3	870.4	498.1	9,368.3	616.9	481.8
Public transit	-	64.4	2,242.7	60.9	121.2	9,118.3	575.7	0.5
Marine, air, rail and other transportation	115.5	101.2	971.9	90.9	180.4	610.1	117.7	31.7
Municipalities	179.0	214.7	611.6	177.8	261.4	1,757.2	312.1	146.5
Tourism and recreational activities	19.7	59.9	273.2	9.0	35.3	477.4	41.5	18.7
Social and community housing	88.1	94.6	259.2	65.3	68.0	876.1	93.9	39.6
Northern development	-	-	26.4	-	-	-	-	-
Research	17.3	28.1	86.0	29.4	128.3	278.5	33.7	12.9
Environment	49.7	62.6	406.3	14.8	24.2	86.5	9.7	39.8
Agriculture, forests, fauna and other	80.4	52.7	246.0	33.7	14.7	51.5	26.6	36.8
Support for Individuals and Families								
Educational childcare services	8.8	12.2	32.3	11.8	15.5	91.5	17.1	7.6
Administration and Justice								
Government administration	60.9	122.9	1,178.2	86.4	97.8	1,027.9	95.6	33.9
Information resources	167.6	238.4	657.1	230.1	280.4	1,899.6	337.9	122.2
Subtotal	2,993.9	3,362.7	15,508.3	3,072.5	3,562.5	40,586.1	3,871.1	1,851.4
As a percentage	2.5	2.8	13.0	2.6	3.0	33.9	3.2	1.5
Central envelope (not broken down)[2]								
Total	**2,993.9**	**3,362.7**	**15,508.3**	**3,072.5**	**3,562.5**	**40,586.1**	**3,871.1**	**1,851.4**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 The sectoral investment envelopes that do not include a special project were distributed among the various regions, based on the proportion of the each region's population divided by that of Québec as a whole.
2 See section 1.3 in the 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
297.8	541.2	315.6	627.8	382.7	956.5	991.2	3,389.7	288.6	-	**20,462.6**
234.9	236.4	218.3	719.0	1,125.0	1,035.3	1,250.6	3,613.0	791.9	-	**19,150.3**
33.2	13.9	30.5	141.0	163.3	166.0	197.2	510.0	93.7	-	**6,323.4**
21.8	7.8	33.3	52.1	94.8	69.7	63.2	213.5	55.0	-	**1,963.5**
6.7	3.3	12.4	35.6	28.8	33.0	48.0	110.9	28.3	-	**653.3**
1,109.7	109.9	606.1	1,257.6	687.1	840.0	1,029.4	4,302.5	645.2	-	**26,832.1**
0.5	0.5	-	192.6	447.1	91.5	43.9	620.1	1.0	-	**13,581.2**
185.2	196.8	357.0	214.5	67.8	127.7	95.2	446.9	143.3	-	**4,053.9**
96.7	198.4	87.6	580.4	407.1	363.3	522.9	1,434.5	185.2	-	**7,536.5**
7.2	1.4	7.8	11.8	9.7	14.1	62.0	65.6	34.3	-	**1,148.5**
35.0	251.6	49.1	85.4	57.1	58.9	79.6	246.8	61.9	-	**2,510.0**
509.1	372.6	-	-	-	-	-	-	-	-	**908.0**
8.6	3.6	25.6	45.7	36.5	55.0	64.8	131.8	20.8	-	**1,006.5**
15.4	3.9	11.1	53.1	41.0	15.4	31.2	59.7	6.3	-	**930.6**
32.7	54.3	19.2	11.7	10.9	21.5	28.6	118.0	6.1	-	**845.4**
4.3	3.3	4.2	18.5	18.8	23.3	26.8	67.7	11.0	-	**374.8**
49.1	63.1	86.4	127.8	129.6	95.8	129.1	443.8	60.2	31.2	**3,919.6**
85.3	37.4	79.1	368.9	373.9	439.3	524.9	1,339.8	208.5	3.9	**7,394.3**
2,733.0	2,099.2	1,943.4	4,543.6	4,081.2	4,406.3	5,188.6	17,114.3	2,641.4	35.1	**119,594.6**
2.3	1.8	1.6	3.8	3.4	3.7	4.3	14.3	2.2	0.0	**100.0**
										10,905.4
2,733.0	**2,099.2**	**1,943.4**	**4,543.6**	**4,081.2**	**4,406.3**	**5,188.6**	**17,114.3**	**2,641.4**	**35.1**	**130,500.0**

2. Planned investments by sector

The investments set out in the 2020-2030 QIP are divided into 18 major sectors of government activity.

Activity sectors under the 2020-2030 QIP
Health and Social Services
1. Health and social services: institutions in the health and social services network
Education and Culture
2. Education: school board institutions[1]
3. Higher education: CEGEP and university institutions
4. Culture: museums, libraries, performance halls, cultural complexes
5. Development of sport: sports complexes and equipment
Economy and Environment
6. Road network: highways, roads, tunnels, bridges, interchanges and overpasses
7. Public transit: metro, buses, commuter trains, tramways, platforms, stations, garages, maintenance centres, reserved lanes, tunnels, railway tracks
8. Marine, air, rail and other transportation: ferries, wharves, stations, airports, railways, local roads, rest stops, the Government's vehicle fleet
9. Municipalities: drinking water and wastewater treatment plants, aqueduct and sewer pipes, parks and municipal infrastructure, adapting to climate change program
10. Tourism and recreational activities: tourism facilities and complexes, conferences centres, national park facilities
11. Social and community housing
12. Northern development: infrastructure funded by the Société du Plan Nord
13. Research: laboratories, research equipment and centres
14. Environment: biomethanization and composting plants, public and municipal dams, infrastructure for mitigating the risks of coastal erosion and submergence and for adapting to climate change

[1] Once the *Act to amend mainly the Education Act with regard to school organization and governance* (S.Q. 2020, chapter 1) receives royal assent, school boards will be replaced by school service centres during the 2020-2021 fiscal year, with the exception of Cree and Kativik school boards.

15. Agriculture, forests, fauna and other: agricultural training and research facilities, multi-resource roads on public land, digital infrastructure across Québec

Support for Individuals and Families

16. Educational childcare services: childcare centre infrastructure

Administration and Justice

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

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

The following pages present, for each of the 18 sectors, a summary table of investments and the list of authorized and announced projects with an estimated cost of $20.0 million or more for which investments are set out in the 2020-2030 QIP. The first five notes at the bottom of each table presented in the project lists are the same for all the sectors. Accordingly, some notes may not apply to a particular sector. Subsequent notes are specific to each sector, however.

Moreover, a portrait of the infrastructure inventory and investment strategies for the sectors associated with public bodies is also presented.

- A description of projects with an estimated cost of $50 million or more is also available in the online Tableau de bord des projets d'infrastructures[2]. In the coming months projects with a cost of between $20 and $50 million will be added to this Tableau de bord.

- More information regarding the information resource projects is presented in the Government's online Tableau de bord sur l'état de santé des projets ressources informationnelles.[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] Website: https://www.tresor.gouv.qc.ca/infrastructures-publiques/tableau-de-bord/

[3] Website: https://www.tableaudebordprojetsri.gouv.qc.ca/tableau-de-bord/

2.1 Health and social services

2.1.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	290.8	304.9	312.4	316.0	329.3	1,553.4	1,745.9	**3,299.3**	16.1	**3,188.5**	16.4
AMD management	115.8	118.6	122.2	126.1	130.1	612.7	678.8	**1,291.6**	6.3	**1,465.4**	7.6
Replacement	495.0	442.5	527.8	435.9	446.7	2,347.9	2,477.1	**4,825.0**	23.6	**5,079.7**	26.2
Subtotal	901.6	866.0	962.5	878.0	906.1	4,514.1	4,901.8	**9,415.9**	46.0	**9,733.6**	50.2
Inventory enhancement	659.1	780.9	1,234.1	1,453.9	1,502.0	5,630.1	5,416.5	**11,046.6**	54.0	**9,673.7**	49.8
Total	**1,560.6**	**1,646.9**	**2,196.6**	**2,331.9**	**2,408.1**	**10,144.2**	**10,318.4**	**20,462.6**	**100.0**	**19,407.3[1]**	**100.0**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 Before the transfer to the "Information Resources" sector of $779.0 million from the "Health and Social Services" sector, this amount was set at $20,186.4 million as presented in the 2019-2029 QIP.

2.1.2 Authorized and announced projects of $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Villa Fraserville, youth centre – Rivière-du-Loup – Expansion and redevelopment		01	10.6	7.5	3.3	10.8	21.5	-	21.5
2	Hôpital de l'Enfant-Jésus, hospital complex – Construction and redevelopment		03	614.0	258.9	1,016.5	1,275.4	1,889.5	78.0	1,967.5
3	Institut de cardiologie et de pneumologie de Québec, electrophysiology – Expansion		03	32.4	2.3	-	2.3	34.7	6.5	41.2
4	Laundry services Partagec – Québec – Construction		03	26.7	7.0	5.0	12.0	38.7	0.1	38.8
5	Institut universitaire en santé mentale de Québec, Neurophotonics Centre and animal facility – Redevelopment		03	15.3	9.2	5.0	14.2	29.5	4.2	33.7
6	Institut universitaire de cardiologie et de pneumologie de Québec, operating room – Expansion and redevelopment		03	0.1	0.1	20.2	20.3	20.4	-	20.4
7	Hôpital de Fleurimont, mother-child centre and emergency room – Sherbrooke – Construction		05	27,0	11,4	141,0	152,4	179,4	18,3	197,7

In progress (cont'd)
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
8	East Angus long-term care centre – Construction		05	26.1	2.0	-	2.0	28.1	-	28.1
9	Centre hospitalier de l'Université de Montréal, hospital complex – Construction	1, 7	06	2,673.1	165.0	252.7	417.7	3,090.8	540.1	3,630.8
10	Centre hospitalier universitaire Sainte-Justine, specialized and research units – Montréal – Expansion and redevelopment	1	06	705.1	55.0	47.1	102.1	807.2	132.5	939.6
11	Montréal Heart Institute, emergency, ambulatory services and training centre – Expansion and redevelopment		06	52.6	25.2	123.8	149.0	201.6	24.0	225.6
12	Hôpital du Sacré-Cœur de Montréal, trauma department and mother-and-child unit – Expansion and redevelopment		06	82.7	35.0	25.0	60.0	142.7	12.4	155.1
13	Hôpital de Lachine – Montréal – Expansion and redevelopment		06	8.5	18.0	68.5	86.5	95.0	-	95.0
14	McGill University, family medicine units and facility – Gatineau – Expansion		07	11.4	10.0	11.0	21.0	32.4	-	32.4
15	Pavillon Sainte-Famille – Ville-Marie – Expansion and redevelopment	2	08	20.8	13.0	22.7	35.7	56.4	-	56.4
16	Hôpital de Rouyn-Noranda, radiothérapy – Expansion	6	08	20.0	19.9	10.0	29.9	49.9	-	49.9
17	Macamic CHSLD – Construction		08	1.4	5.0	38.4	43.4	44.9	-	44.9
18	Hôpital de Gaspé, emergency and intensive care units – Expansion		11	2.7	12.0	17.0	29.0	31.7	-	31.7
19	Hôtel-Dieu de Lévis, oncology unit – Construction	1	12	135.7	20.0	2.0	22.0	157.7	-	157.7
20	Laundry facility at CISSS de Lanaudière – Joliette – Construction		14	11.6	10.0	2.0	12.0	23.6	-	23.6
21	Hôpital régional de Saint-Jérôme, mental health centre – Construction		15	59.0	40.0	11.4	51.4	110.4	-	110.4
22	Hôpital Honoré-Mercier, emergency room – Saint-Hyacinthe – Expansion and redevelopment	2	16	23.4	20.0	25.7	45.7	69.1	-	69.1
Total				**4,560.2**	**746.5**	**1,848.4**	**2,594.9**	**7,155.1**	**816.1**	**7,971.2**

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

In planning

	Name	Note	Region
1	Hôpital régional de Rimouski, teaching facility – Construction		01
2	Wendake CHSLD – Construction		03
3	Hôpital de La Malbaie – Expansion		03
4	Optilab server laboratory – Sherbrooke – Construction		05
5	Centre d'hébergement Notre-Dame-de-la-Merci – Montréal – Redevelopment		06
6	Hôpital de Verdun, care units and ambulatory services – Montréal – Expansion and redevelopment		06
7	Hôpital du Sacré-Cœur de Montréal, nuclear medicine and addition of PET – Expansion		06
8	Centre d'hébergement de Vallée-de-la-Lièvre – Gatineau – Expansion		07
9	Maniwaki CHSLD – Construction		07
10	Hôpital de Gatineau, perinatal unit – Redevelopment		07
11	Inuulitsivik health centre and the Tulattavik health centre, 62 units lodging units – Nunavik – Construction		10
12	Miyupimaatisiiun Community Waskaganish Centre – James Bay – Construction		10
13	Miyupimaatisiiun Community Oujé-Bougoumou Centre – James Bay – Construction		10
14	Rocher-Percé CHSLD – Chandler – Expansion and redevelopment		11
15	Résidence Plaisance des Îles – Cap-aux-Meules, continuum of care retirement home – Expansion		11
16	Hôtel-Dieu de Lévis, teaching facility – Construction		12
17	Optilab server laboratory – Laval – Construction		13
18	Hôpital Pierre-Le Gardeur, care unit – Repentigny – Expansion and redevelopment		14
19	Rehabilitation centre for youth in difficulty – Saint-Jérôme – Construction		15
20	Lachute CHSLD – Construction		15
21	Hôpital de Mont-Laurier, short-term care unit – Expansion and redevelopment		15
22	Hospital – Vaudreuil-Soulanges – Construction		16
23	Optilab server laboratory – Longueuil – Construction		16
24	Hôtel-Dieu d'Arthabaska, emergency room and operating room – Victoriaville – Expansion and redevelopment		17
25	Seniors' residences and alternative residences in a number of Québec regions	8	All regions
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$4,779.4 M**

In study (projects of 50 million dollars and more)

	Nom	Note	Region
1	Hôpital régional de Rimouski, operating room and mental health unit – Maintenance and enhancement		01
2	Hôpital de Chicoutimi, operating room – Saguenay – Maintenance and enhancement		02
3	Centre d'hébergement Saint-Augustin – Québec – Maintenance and enhancement	5	03
4	Hôtel-Dieu de Québec – Maintenance and enhancement		03
5	Hôpital du Centre-de-la-Mauricie, emergency room – Shawinigan – Maintenance and enhancement		04
6	St. Mary's Hospital Centre, care units – Montréal – Maintenance and enhancement		06
7	CHSLDs – Montréal (east) – Maintenance	5	06
8	CHSLDs – Montréal's West Island – Maintenance	5	06
9	Hôpital du Sacré-Cœur de Montréal, operating room and care units (Phase III) – Maintenance and enhancement		06
10	Hôpital Fleury, emergency room – Montréal – Maintenance and enhancement	5	06
11	Montreal General Hospital, operating room and emergency room – Maintenance and enhancement		06
12	Lakeshore General Hospital, emergency room – Pointe-Claire – Maintenance and enhancement		06
13	Jewish General Hospital (Phase IV) – Montréal – Maintenance and enhancement		06
14	Hôpital Maisonneuve-Rosemont – Montréal – Maintenance and enhancement		06
15	Hôpital Santa Cabrini, operating room – Montréal – Maintenance	5	06
16	Institut national de psychiatrie légale Philippe-Pinel – Montréal – Maintenance and enhancement	5	06
17	Douglas Mental Health University Institute – Montréal – Maintenance and enhancement	5	06
18	Centre hospitalier de l'Outaouais, hospital complex – Enhancement		07
19	Hôpital de Sept-Îles, emergency room and operating room – Maintenance and enhancement	5	09
20	Chisasibi Hospital, hospital complex – Enhancement		10
21	Hôtel-Dieu de Lévis, endoscopy and operating rooms – Maintenance and enhancement		12
22	Hôpital de la Cité-de-la-santé – Laval – Maintenance and enhancement		13
23	CHSLDs – Lanaudière – Maintenance	5	14
24	Hôpital de Saint-Eustache, emergency room and care units – Maintenance and enhancement		15
25	Hôpital de Saint-Jérôme, technical support centre – Maintenance and enhancement		15
26	Hôpital Charles-LeMoyne, operating room and day surgery unit – Longueuil – Maintenance and enhancement		16
27	Hôpital Charles-LeMoyne, mental health – Longueuil – Maintenance and enhancement	5	16
28	Hôpital Pierre-Boucher, emergency room and care units – Longueuil – Maintenance and enhancement		16
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**$107.5 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$12,980.8 M
Sector total			**$20,462.6 M**

1 Infrastructure in operation, whether full or partial.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".
6 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in progress".
7 The total cost includes that of building the research centre, whose facilities have been commissioned.
8 This project involves the construction of many seniors' residences in Québec's regions to develop at least 2,600 spaces and the rebuilding of non-adapted or deteriorated spaces.

The contribution of the Gouvernement du Québec required to implement the projects under study is assessed at $7.2 billion; this amount is not provided for in the 2020-2030 QIP.

❑ Projects withdrawn from the list of published projects in the 2020-2030 QIP

The commissioning of the following infrastructure projects in the "Health and Social Services" sector has been finalized since the 2019-2029 QIP. Accordingly, these projects were withdrawn from the list of projects in progress:

1. Hôpital de Baie-Saint-Paul – Reconstruction and redevelopment (region 03);
2. Centre hospitalier régional de Trois-Rivières, care units in the Pavillon Sainte-Marie (Phase II) – Expansion and redevelopment (region 04);
3. Hôpital Maisonneuve-Rosemont, hemodialysis unit – Montréal – Construction (region 06) ;
4. Long-term care centre – Saint-Jérôme – Construction (region 15);
5. Hôpital du Haut-Richelieu, emergency room and operating room – Saint-Jean-sur-Richelieu – Expansion and redevelopment (region 16).

2.1.3 Profile of infrastructure and investment strategies – Health and Social Services

Good Condition (ABC) 84 %	2020-2030 QIP $20,463 million
AMD $1,441 million	

❑ Profile of infrastructure

The HSSN infrastructure consists of 2,706 buildings and 14,324 specialty medical devices. In Québec there are currently:

- 574 hospital centres, including short-term care centres, health centres and psychiatric centres;
- 462 CHSLDs;
- 174 rehabilitation centres;
- 180 youth centres;
- 186 CLSCs;
- 1,077 other buildings (staff and doctors' quarters, research centres, administrative spaces, warehouses, laundries and boiler rooms);
- 53 surplus buildings;
- 14,324 medical devices in specialties such as medical imaging, radiation therapy, medical biology, respiratory therapy and surgery.

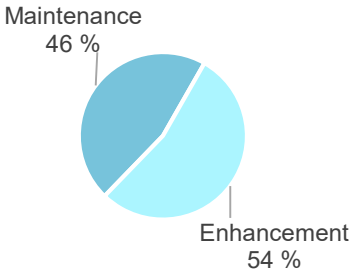
❑ 2020-2030 QIP investments

Total investments of $20.5 billion provided for in the 2020-2030 are allocated as follows:

- $9.4 billion in inventory maintenance, including:
  - $3.3 billion to keep existing infrastructure in good condition;
  - $1.3 billion to address the AMD;
  - $4.8 billion to replace obsolete infrastructure;
- $11.1 billion for new infrastructure to support the development of health care services.

2020-2030 QIP Investments
by Type
(Gouvernement du Québec contribution, in millions of dollars and percentage)

Infrastructure Maintenance		
Asset Maintenance	3,299.3	
AMD	1,291.6	
Replacement	4,825.0	
Subtotal	**9,415.9**	**46 %**
Infrastructure Enhancement	11,046.6	54 %
Total	**20,462.6**	**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 infrastructure management practices applied in HSSN establishments, coupled with sound investments choices in recent years, have made it possible to keep a significant portion of the infrastructure in good condition (84%). This means that, while maintaining infrastructure accessible and available, timely investments were made to maintain and extend the lifespan of assets.

In order to maintain and preserve the current condition of the infrastructure inventory for the years to come, interventions are planned to meet the following needs:

- Rebuild or renovate the CHSLDs in poor (GCI of D) and very poor (GCI of E) condition;
- Upgrade several water pipes to limit the levels of lead and copper in drinking water;
- Repair the facades of certain buildings;
- Upgrade targeted buildings to meet earthquake-resistant standards;
- Modernize the most outdated operating theatres and emergency departments;
- Implement the recommendations of the Commission sur l'amiante concerning asbestos removal from the components of certain establishments, mainly those built before 1980;
- Meet the asset maintenance needs of indoor parking lots;
- Modernize, upgrade and redevelop existing buildings to make their spaces more functional.

❑ Investment strategy for addressing the AMD

Addressing the AMD

The investments of $1.3 billion provided for in the 2020-2030 QIP in the health and social services portfolio will make it possible to address 90% of the AMD currently listed for HSSN buildings and medical devices.

Over the next year, especially during the annual update of the establishments' three-year action plans, the MSSS and HSSN establishments will target investments in order to reduce the AMD of buildings. In this regard, the MSSS has set the following objective:

- By March 31, 2023, reduce the current building AMD of $822.7 million by 33%, a reduction target of $271.5 million.

As for the replacement of medical devices exceeding the pre-established standardized service life, the MSSS has set the following objective:

- Reduce the AMD of medical devices from $617.9 million to $465.0 million in the 2023-2024 AMPI, a reduction target of $152.9 million.

The MSSS will use the following means to achieve these two objectives:

- Determine specific AMD reduction objectives under the management and accountability agreements between the MSSS and each establishment;
- Develop a standardized building inspection program to normalized the inspections carried out by establishments, and in particular, to help prioritize work;
- Accelerate acquisitions by promoting joint purchasing of medical equipment and accelerate approvals for replacement projects ahead by two years.

❑ Investment strategy to enhance the infrastructure

Population needs and health care services are changing quickly. To address these needs, the Government has planned significant investments in the 2020-2030 QIP.

Over the next few years, major investments will be made to start or continue major projects such as:

- The construction of new seniors' residences and alternative residences, resulting in at least 2,600 new spaces by September 2022;
- The construction of new hospitals and pavilions to support the implementation of new services as well as improving the quality of health care;
- The expansion of hospital centres' emergency departments, ambulatory services and operating theatres.

2.2 Education

2.2.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	201.2	324.5	580.9	695.6	949.7	2,751.9	4,793.1	**7,545.0**	39.4	**7,887.0**	56.8
AMD management	551.3	662.2	786.5	826.9	693.7	3,520.6	1,819.9	**5,340.5**	27.9	**2,147.9**	15.5
Replacement	91.4	132.5	158.9	133.0	94.4	610.2	89.3	**699.5**	3.7	**476.8**	3.4
Subtotal	843.9	1,119.3	1,526.3	1,655.5	1,737.8	6,882.7	6,702.3	**13,585.0**	70.9	**10,511.6**	75.7
Inventory enhancement	252.3	371.1	636.5	984.2	1,252.8	3,496.9	2,068.3	**5,565.2**	29.1	**3,377.5**	24.3
Total	**1,096.1**	**1,490.3**	**2,162.8**	**2,639.7**	**2,990.7**	**10,379.7**	**8,770.6**	**19,150.3**	**100.0**	**13,889.2**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	École secondaire de la commission scolaire des Portages-de-l'Outaouais (secteur des Rapides-Deschênes) – Gatineau – Construction		07	13.6	11.8	3.2	15.0	28.6	0.2	28.8
2	École secondaire de la commission scolaire de Kativik – Inukjuak – Construction		10	7.0	7.8	11.2	19.0	25.9	8.9	34.9
3	École primaire Domaine Vert-Nord de la commission scolaire de la Seigneurie-des-Mille-Îles – Mirabel – Construction		15	10.9	11.8	2.6	14.4	25.3	1.3	26.6
4	École primaire-secondaire alternative de la commission scolaire Marie-Victorin – Longueuil – Construction		16	26.4	0.8	1.7	2.5	28.9	-	28.9
5	Commission scolaire des Hautes-Rivières, École Saint-Eugène – Saint-Jean-sur-Richelieu – Expansion and redevelopment		16	9.8	5.8	7.2	13.0	22.8	-	22.8
6	École primaire de la commission scolaire Marie-Victorin (secteur Sacré-Cœur) – Longueuil – Construction		16	8.3	6.2	6.2	12.5	20.8	-	20.8
Total				**75.9**	**44.3**	**32.2**	**76.4**	**152.3**	**10.4**	**162.7**

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

In planning

	Name	Note	Region
1	Commission scolaire des Phares, elementary school – Rimouski – Construction		01
2	Commission scolaire des Premières-Seigneuries, secondary school – Québec (Charlesbourg borough) – Enhancement	4	03
3	Lester B. Pearson School Board, Allancroft School – Beaconsfield – Expansion and redevelopment		06
4	Commission scolaire de Montréal, École FACE – Repair and redevelopment		06
5	Commission scolaire de la Pointe-de-l'Île, École le Tournesol – Montréal (Rivière-des-Prairies–Pointe-aux-Trembles borough) – Expansion		06
6	Commission scolaire de Montréal, École Les-Enfants-du-Monde (Côte-Des-Neiges–Notre-Dame-De-Grâce borough) – Construction		06
7	Commission scolaire de la Pointe-de-l'Île, elementary school – Montréal (Montréal-Nord borough) – Construction		06
8	Commission scolaire de Montréal, elementary school (Mercier–Hochelaga-Maisonneuve borough) – Purchase and redevelopment		06
9	Commission scolaire de Montréal, elementary school (Saint-Laurent borough) – Construction	4	06
10	Commission scolaire de Montréal, elementary school (Ville-Marie borough) – Construction		06
11	Commission scolaire de Montréal, elementary school (Griffintown borough) – Construction		06
12	Commission scolaire de Montréal, elementary school (downtown sector) – Construction		06
13	Commission scolaire Marguerite-Bourgeoys, elementary school – Mont-Royal – Construction		06
14	Commission scolaire Marguerite-Bourgeoys, elementary and secondary school – Montréal (Verdun borough) – Construction	4	06
15	Commission scolaire de la Pointe-de-l'Île, secondary school (A) – Montréal (Anjou borough) – Enhancement	4	06
16	Commission scolaire de la Pointe-de-l'Île, secondary school (B) – Montréal (Montréal-Nord borough) – Enhancement	4	06
17	Commission scolaire de Montréal, École Secondaire Académie Dunton (Mercier–Hochelaga-Maisonneuve borough) – Expansion		06
18	Commission scolaire de la Pointe-de-l'Île, École Secondaire d'Anjou – Expansion	4	06
19	Commission scolaire de Montréal, secondary school (Saint-Laurent borough) – Purchase and redevelopment	3	06
20	Commission scolaire Marguerite-Bourgeoys, secondary school – Dorval – Construction		06
21	Commission scolaire Marguerite-Bourgeoys, secondary school – Montréal (LaSalle borough) – Construction	4	06
22	Commission scolaire Marguerite-Bourgeoys, secondary school – Montréal (northwest sector) – Construction	4	06
23	Commission scolaire de Montréal, Irénée-Lussier specialized high school – Construction		06
24	Commission scolaire des Portages-de-l'Outaouais, elementary school – Pontiac – Construction		07
25	Commission scolaire des Portages-de-l'Outaouais, secondary school (French America sector) – Gatineau – Construction		07
26	Kativik Ilisarniliriniq (school board of Nunavik), elementary/secondary school – Salluit – Expansion		10
27	Kativik Ilisarniliriniq (school board of Nunavik), Tukisiniarvik School – Akulivik – Expansion		10
28	Commission scolaire de la Beauce-Etchemin, Polyvalente Saint-Georges – Saint-Georges – Expansion		12
29	Commission scolaire de Laval (Laval-des-Rapides sector), École de la Mosaïque – Expansion		13
30	Commission scolaire de Laval (eastern sector), elementary school – Construction		13
31	Commission scolaire de Laval, École Jean-Piaget, specialized elementary and secondary school – Construction		13
32	Commission scolaire de Laval, elementary/secondary school – Val-Martin sector – Construction		13
33	Commission scolaire de Laval (Pont-Viau sector), secondary school – Construction	4	13
34	Commission scolaire de Laval (Laval-des-Rapides sector), specialized school – Construction		13
35	Commission scolaire des Affluents, elementary school – Mascouche (Jardin du Coteau sector) – Construction		14
36	Commission scolaire des Affluents, École Secondaire Armand-Corbeil – Terrebonne – Expansion		14
37	Commission scolaire des Affluents, secondary school – Terrebonne – Construction	4	14

In planning (cont'd)

	Name	Note	Region
38	Commission scolaire des Affluents, École Secondaire Du Coteau – Mascouche – Construction		14
39	Commission scolaire des Affluents, École Secondaire Jean-Baptiste-Meilleur – Repentigny – Expansion		14
40	Commission scolaire de la Rivière-du-Nord (Sector 2), elementary school – Saint-Jérôme – Construction		15
41	Commission scolaire de la Rivière-du-Nord (Sector 3), elementary school – Saint-Jérôme – Construction		15
42	Commission scolaire des Laurentides, elementary school – Saint-Sauveur – Construction		15
43	Commission scolaire de la Rivière-du-Nord, secondary school – Saint-Jérôme – Construction	4	15
44	Commission scolaire de la Seigneurie-des-Mille-Îles, secondary school – Mirabel (Saint-Augustin sector) – Construction	4	15
45	Commission scolaire des Grandes-Seigneuries, Complexe Louis-Philippe-Paré – Châteauguay – Maintenance and enhancement	3	16
46	Commission scolaire de Saint-Hyacinthe, elementary school – Construction		16
47	Commission scolaire des Patriotes, elementary school – Carignan – Construction		16
48	Commission scolaire des Trois-Lacs, elementary school – Vaudreuil-Dorion – Construction		16
49	Commission scolaire Marie-Victorin, elementary school – Brossard – Construction		16
50	Commission scolaire Marie-Victorin, elementary school – Longueuil – Construction		16
51	Commission scolaire des Grandes-Seigneuries, specialized elementary school – Châteauguay – Construction		16
52	Commission scolaire Marie-Victorin, École Secondaire Antoine-Brossard – Brossard – Expansion		16
53	Commission scolaire des Patriotes, École Secondaire de Chambly – Expansion	4	16
54	Commission scolaire de Saint-Hyacinthe, secondary school – Construction		16
55	Commission scolaire des Trois-Lacs, secondary school – Saint-Zotique – Construction	4	16
56	Commission scolaire des Trois-Lacs, secondary school – Vaudreuil-Dorion – Construction	4	16
57	Commission scolaire des Grandes-Seigneuries, École Secondaire de la Magdeleine – La Prairie – Maintenance and enhancement	3	16
58	Commission scolaire des Grandes-Seigneuries, École Secondaire Jacques-Leber – Saint-Constant – Expansion and redevelopment	4	16
59	Commission scolaire des Patriotes, École Secondaire le Carrefour – Varennes – Expansion		16
60	Commission scolaire des Grandes-Seigneuries, École Secondaire Pierre-Bédard – Saint-Rémi – Expansion and redevelopment	4	16
61	Commission scolaire des Chênes, elementary school – Drummondville – Construction		17
62	Commission scolaire des Chênes, secondary school – Drummondville – Enhancement	4	17
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$3,014.2 M**

In study (projects of 50 million dollars and more)

	Name	Note	Region
1	Commission scolaire Central Québec, secondary school – Québec (Sainte-Foy–Sillery–Cap-Rouge borough) – Maintenance and enhancement	5	03
2	Commission scolaire de la Région-de-Sherbrooke, Centre de formation professionnelle 24-Juin – Enhancement		05
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**$3.3 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$16,056.4 M
Sector total			**$19,150.3 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

The contribution of the Gouvernement du Québec required to implement the projects under study is provided for in the 2020-2030 QIP.

❑ Project withdrawn from the list of published projects in the 2020-2030 QIP

Pursuant to a Cabinet decision, this major project was replaced by a group of non-major projects.

- Additional space for secondary and vocational training at the Commission scolaire de Laval (region 13).

Accordingly, this project was withdrawn from the list of projects in progress.

2.2.3 Profile of infrastructure and investment strategies – Education

Good condition (ABC)	2020-2030 QIP
46 %	$19,150 million
AMD	
$5,341 million	

❑ Profile of the infrastructure

The education network's infrastructure is made up of 4,061 buildings with a total area of 16.9 million square metres divided among 72 school boards, broken down as follows:[1]

- 2,298 preschools and primary schools;
- 472 secondary schools;
- 284 vocational and adult education centres;
- 877 administrative and other buildings (residences, workshops, warehouses and garages); and
- 130 surplus buildings.

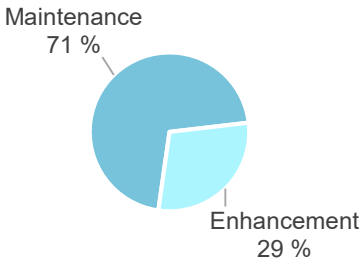
❑ 2020-2030 QIP investments

The Government plans to invest over $19.1 billion in the next 10 years in the education sector, 71.0 % of which, close to $13.6 billion, will be mainly dedicated to the maintenance and to address the AMD of the school infrastructure portfolio.

Furthermore, to meet growing educational needs, $5.6 billion has been earmarked for the planning and completion of construction, expansion or acquisition projects already announced, in order to respond to new space needs reported by school boards and authorized by the MEES.

2020-2030 QIP Investments
by Type
(contribution of the Gouvernement du Québec, in millions of dollars and percentage)

Infrastructure Maintenance		
Asset Maintenance	7,545.0	
AMD	5,340.5	
Replacement	699.5	
Subtotal	**13,585.0**	**71 %**
Infrastructure Enhancement	5,565.2	29 %
Total	**19,150.3**	**100 %**

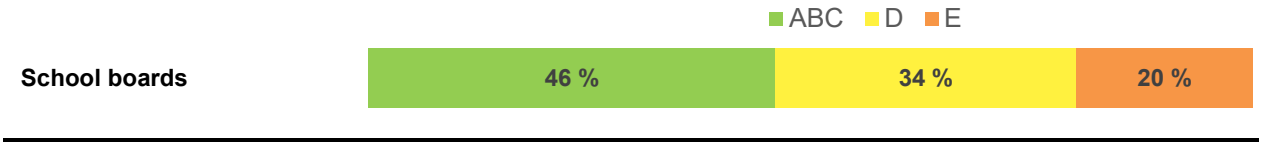


Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

[1] Once the *Act to amend mainly the Education Act with regard to school organization and governance* (S.Q. 2020, chapter 1) receives royal assent, school boards will be replaced by school service centres during the 2020-2021 financial year, with the exception of Cree and Kativik school boards.

❑ Investment strategy for infrastructure maintenance

Condition Indicator



The current profile reveals that a significant portion–54 % of the education network's infrastructure portfolio–is now in poor condition (GCI of D and E). This situation is mainly due to a period of low investment 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 lives. This means that many of them will need major repairs or have to be rebuilt in the coming years. The most obsolete infrastructure includes heritage buildings and heritage components, making repairs more expensive due to the cost of materials or the use of specialized workers involved.

As education is a priority for Québec, the Government will continue to catch up on the backlog created in the last decade by dedicating a substantial portion of the investments planned in the QIP to this sector. A total investment of $13.6 billion for the maintenance of the portfolio, including an additional $1.5 billion for asset maintenance envelopes, which will be used to offer healthy, attractive and better-equipped schools and create settings conducive to learning and academic success, for the benefit of both students and staff.

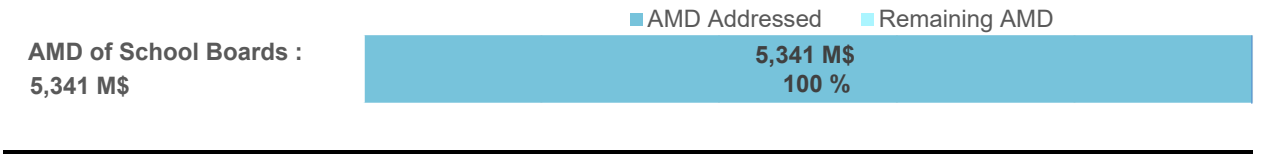
The MEES expects the level of maintenance investments planned for the next three years to increase the proportion of infrastructure in good condition (GCI of A, B or C) to 50% by 2022-2023 for all properties under its responsibility.

To achieve this, the MEES has adopted the following orientations for its future investment choices:

- Prioritize the work required to correct air and moisture problems in schools;
- Rapidly replace or repair critical components at the end of their useful lives, such as roofs, windows and heating and ventilation systems;
- Prioritize asset maintenance investments in schools in satisfactory condition (GCI of C) to avoid further deterioration to a state of poor condition (GCI of D).

❑ Investment strategy for addressing the AMD

Addressing the AMD



The $5.3 billion investment planned in the 2020-2030 QIP is sufficient to reduce the AMD assessed in the AMPI. Since the annual portfolio maintenance investments are insufficient to compensate for natural deterioration and new priority work identified through inspections, the AMD will continue to increase for a few more years. This means that additional funds will be required in the coming years to manage the AMD.

To reduce the AMD, the MEES is planning on using the following means:

- Accelerate the confirmation of annual investment budgets for the school boards, to allow them to undertake the work more quickly;
- Immediately allocate budgets to school boards for the coming years, to allow them to plan their priority projects more effectively;
- Plan for separate maintenance budgets, allocated in the school board operation envelopes, which must be used for this purpose;
- Develop mechanisms to optimize the contracting process, to benefit, in some cases, from economies of scale (qualification of suppliers and purchasing groups);
- Allow school boards to acquire modular units to free up space in schools that require priority repair work;
- Encourage school boards to develop investment master plans to plan their renovation, construction and replacement projects over the medium and long term;
- Deploy new information management systems to improve the tracking of investment needs in schools, including the effect of completed work on changes in their condition and the asset maintenance deficit, which will allow optimal interventions to be prioritized.

The MEES has also developed a reconstruction plan for the most obsolete schools that are nearing the end of their life cycle:

- Allocate over $300.0 million to the reconstruction of schools based on priorities identified by school boards supported by a cost-benefit analysis demonstrating that it is more beneficial to reconstruct the building than to renovate it;
- 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.

❑ Investment strategy to enhance the infrastructure

In response to growing needs in education, the Government plans $5.6 billion in the QIP. By 2023-2024, the MEES foresees a deficit of over 600 classes in primary schools and, by 2028-2029, a deficit of over 25,000 student spaces in secondary schools, mainly in the Montréal, Montérégie, Laval, Laurentides and Lanaudière regions. Furthermore, to accommodate the introduction of universal kindergarten for 4-year-olds over the longer term, 1,200 classes are expected to be added in primary schools.

This level of investments to enhance the portfolio will allow the MEES to:

- Continue the planning and completion of close to 250 additional space projects that have been authorized in recent years;
- Announce many new projects to build or expand schools, enabling additional primary school classrooms and additional secondary student spaces to be added, benefiting thousands of students by 2023-2024;
- Build the premises necessary to open 1,956[1] new kindergarten classes for 4-year-olds by the 2023-2024 school year.

[1] Including new classrooms and transformation of current classrooms.

2.3 Higher education

2.3.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	257.6	358.9	507.5	384.8	301.5	1,810.3	1,492.2	**3,302.5**	52.2	**3,323.9**	52.5
AMD management	141.6	154.0	198.1	282.6	193.7	970.0	337.4	**1,307.4**	20.7	**1,156.2**	18.3
Replacement	125.9	118.0	117.5	116.4	116.5	594.3	582.9	**1,177.2**	18.6	**1,211.4**	19.2
Subtotal	525.2	630.9	823.1	783.8	611.6	3,374.6	2,412.5	**5,787.1**	91.5	**5,691.5**	90.0
Inventory enhancement	206.2	110.5	37.1	25.5	6.7	386.0	150.3	**536.3**	8.5	**634.1**	10.0
Total	**731.4**	**741.4**	**860.1**	**809.3**	**618.3**	**3,760.6**	**2,562.8**	**6,323.4**	**100.0**	**6,325.6**[1]	**100.0**

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

1 Before the transfer to the "Information Resources" sector of $50.0 million from the "Higher Education" sector, this amount was set at $6,375.6 million as presented in the 2019-2029 QIP.

2.3.2 Authorized and announced projects of $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Université de Montréal, complexe des sciences – Montréal – Construction	1	06	138.3	6.7	-	6.7	145.0	203.3	348.3
2	HEC Montréal (Ville-Marie borough) – Construction		06	49.6	39.3	19.6	58.9	108.5	126.7	235.2
3	Concordia University, applied science pavilion at the Loyola campus – Montréal – Expansion		06	16.1	-	-	-	16.1	46.5	62.6
4	McGill University, McDonald-Stewart pavilion – Montréal – Repair		06	10.2	9.6	6.4	16.0	26.2	-	26.2
5	Université du Québec à Chicoutimi, École des arts numériques, de l'animation et du design – Redevelopment		06	9.9	11.3	1.4	12.7	22.6	-	22.6
Total				**224.2**	**66.9**	**27.3**	**94.2**	**318.4**	**376.5**	**694.8**

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

In planning

	Name	Note	Region
1	École de technologie supérieure, Pavilion F – Montréal – Construction		06
2	Université de Montréal, Roger-Gaudry, Marie-Victorin, J.-A. DeSève and Lionel-Groulx pavilions – Redevelopment		06
3	Université du Québec à Montréal, École des sciences de la gestion – Redevelopment		06
4	McGill University, Wilson pavilion – Montréal – Repair and redevelopment		06
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$404.3 M**

In study (projects of 50 million dollars and more)

	Name	Note	Region
1	Cégep Édouard-Montpetit, clinics/schools – Longueuil – Maintenance and enhancement	5	06
2	Collège Ahuntsic – Montréal – Enhancement	5	06
3	Dawson College – Montréal – Enhancement		06
4	École de technologie supérieure, Complexe Dow – Montréal – Enhancement		06
5	Polytechnique Montréal – Maintenance and enhancement		06
6	Université de Montréal, pavillon principal et complexe des sciences – Maintenance and redevelopment	5	06
7	Université McGill at the former Royal Victoria Hospital site – Montréal – Maintenance		06
8	Université du Québec en Outaouais, Gatineau campus – Maintenance		07
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**$30.8 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$5,794.1 M
Sector total			**$6,323.4 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

The contribution of the Gouvernement du Québec required to implement the projects under study is assessed at $0.7 billion; this amount is not provided for in the 2020-2030 QIP.

2.3.3 Profile of infrastructure and investment strategies – Higher Education

Good condition (ABC)	2020-2030 QIP
66 %	$6,323 million
AMD	
$1,320 million	

❑ Profile of the infrastructure

The infrastructure recognized by the MEES for funding purposes includes:

- 886 buildings in the college network with an area of roughly 2.5 million m^2 distributed among 48 colleges;
- 762 buildings in the university network with an area of roughly 3.6 million m^2 distributed among 19 universities.

The college and university networks own research equipment that make a major contribution to the development of know-how and knowledge, such as CT scanners, 3D printers, electron microscopes, spectroscopes, quantum calculators, aircraft and road vehicles.

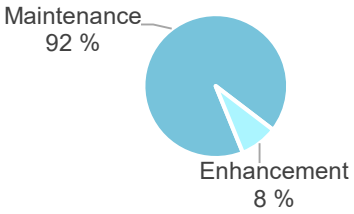
❑ 2020-2030 QIP investments

The Government will invest more than $6.3 billion in the next 10 years in the college and university networks, of which 92.0%, or $5.8 billion, will be dedicated mainly to maintaining and addressing the AMD listed for buildings and equipment replacement.

In addition, investments of $536.3 million are planned to meet future needs for extra space or to improve existing spaces in colleges and universities.

2020-2030 QIP Investments
By Type
(contribution of the Gouvernement du Québec, in millions of dollars and percentage)

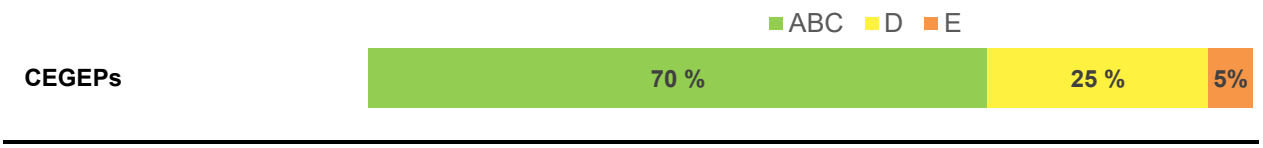
Infrastructure Maintenance		
Asset Maintenance	3,302.5	
AMD	1,307.4	
Replacement	1,177.2	
Subtotal	**5,787.1**	**92 %**
Infrastructure Enhancement	536.3	8 %
Total	**6,323.4**	**100 %**



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

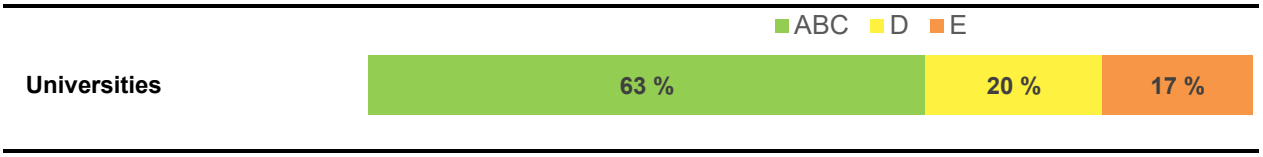
❑ Investment strategy for infrastructure maintenance

Condition Indicator



The currently available profile of the infrastructure portfolio of colleges shows that it is in good condition (GCI of A, B and C). This situation is mainly due to a relatively recent infrastructure portfolio, since most of the buildings were built between 1980 and today. On the other hand, older buildings—those nearing the end of their useful life, are usually in satisfactory (GCI of C) or poor condition (GCI of D). The most deteriorated infrastructure—some of which are heritage buildings–which represents 30.0% of the college building inventory, will have to be rehabilitated or rebuilt during the next decade.

Condition Indicator



Most of the university infrastructure portfolio is in good condition (GCI of A, B and C). Nevertheless, 20.0% of buildings are in poor condition (GCI of D) and 17.0% are in very poor condition (GCI of E). Most of these buildings have reached the end of their useful life or have largely exceeded it. Many of them are heritage buildings that will require major, complex rehabilitation in the coming years.

The MEES expects the level of maintenance investments planned to increase the proportion of college infrastructure in good condition (GCI of A, B and C) from 70.0% to 80.0% and for the universities from 63.0% to 75.0% by 2024-2025.

To this end, the MEES has set the following orientations to guide its future investment choices:

- Prioritize projects with a significant impact on the condition of the building;
- Increase the normalized envelopes by 20.0% to maintain the building inventory in good condition.

❑ Investment strategy for addressing the AMD

Addressing the AMD

The $1.3 billion investment planned in the 2020-2030 QIP for higher education will address 99.0% of the AMD of colleges and universities that is currently assessed in the AMPI. However, future inspections will contribute to identifying new priority work on critical components not listed to date. This means that additional funds will be required in the coming years to maintain the AMD management rate.

The MEES will use the following means to reduce the AMD of colleges and universities:

- Prioritize the completion of repairs or replacement of critical components having reached the end of their useful life such as roofs, windows, and heating and ventilation systems;
- In partnership with the establishments, develop plans to reduce their AMD;
- Update the inspections data of their buildings so as to target priority work on their building inventory.

❑ Investment strategy to enhance the infrastructure

CEGEPs

Despite an overall space surplus of about 1.0% of the total surface area of the portfolio, some regions require learning spaces, i.e. Montréal, Capitale-Nationale, Montérégie, Laval and Laurentides. In these five regions, the overall space deficit is about 3% of the total surface area. To remedy this situation, three projects to add space are currently under study at Dawson College, Ahunstic College and Cégep Édouard-Montpetit.

Over the course of the next 10 years, the space deficit could reach close to 8.0% of the total surface area of the portfolio. To partly meet this need, the Government plans investments of nearly $177.4 million in the 2020-2030 QIP, including $8.4 million for the ITHQ.

Universities

There are currently eight universities with a space deficit, most of it in the Montréal area. Projects to add space are currently under study for Polytechnique de Montréal, École de technologie supérieure, Complexe des sciences at Université de Montréal and the Gatineau Campus at Université du Québec en Outaouais. To partly meet this need, the Government plans investments of nearly $358.9 million in the 2020-2030 QIP.

2.4 Road network

2.4.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	675.2	781.0	305.9	706.9	777.2	3,246.2	4,392.7	**7,638.9**	28.5	**6,599.9**	26.9
AMD management	1,056.2	1,078.8	1,611.1	1,297.1	1,646.3	6,689.4	6,417.6	**13,107.0**	48.8	**11,987.3**	48.8
Replacement	278.3	235.6	316.4	82.0	81.0	993.3	535.9	**1,529.2**	5.7	**1,613.8**	6.6
Subtotal	2,009.7	2,095.3	2,233.3	2,086.1	2,504.5	10,928.8	11,346.3	**22,275.1**	83.0	**20,201.0**	82.2
Inventory enhancement	262.1	543.0	454.5	684.5	404.2	2,348.2	2,208.8	**4,557.0**	17.0	**4,379.0**	17.8
Total	**2,271.7**	**2,638.3**	**2,687.8**	**2,770.5**	**2,908.7**	**13,277.0**	**13,555.1**	**26,832.1**	**100.0**	**24,580.0**	**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 $20.0 million or more, by degree of progress

In progress

(millions of dollars)

	Name	Note	Region	Québec Contribution[6]					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Autoroute 85 (Claude Béchard) between Saint-Antonin and Saint-Louis-du-Ha! Ha! (Phase III) – Construction		01	74.0	48.8	430.4	479.2	553.2	389.7	942.9
2	Route 132 between the railroad and the Saint-Lawrence River – Val-Brillant – Repair		01	24.9	9.0	9.2	18.2	43.1	-	43.1
3	Route 169, bypass around the Isle-Maligne and Delisle districts – Alma – Construction		02	44.9	13.7	25.3	38.9	83.9	0.2	84.1
4	Dubuc bridge between Chicoutimi and Chicoutimi-Nord, deck components – Saguenay – Repair		02	34.8	7.9	-	7.9	42.7	-	42.7
5	Obedjiwan Route between La Tuque and Lac-Ashuapmushuan – Redevelopment		02-04	21.2	10.6	45.3	55.9	77.2	-	77.2
6	Autoroute 73 (Henri-IV) between Autoroutes 40 and 440 – Québec – Widening		03	86.5	49.4	26.8	76.2	162.6	128.6	291.2
7	Île-d'Orléans bridge between Québec City and Île-d'Orléans – Maintenance	7	03	41.5	1.5	15.4	16.9	58.5	-	58.5
8	Pierre-Laporte bridge between Québec et Lévis – Repair	2	03-12	0.2	14.6	64.2	78.7	79.0	-	79.0
9	Québec bridge, deck components – Québec – Maintenance	7	03-12	40.5	0.7	2.9	3.6	44.1	-	44.1

In progress (cont'd)
(millions of dollars)

	Name	Note	Region	Québec Contribution[6]					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
10	Autoroute 410, bypass (Phase II) – Sherbrooke – Construction	1	05	31.1	10.8	6.1	16.9	48.0	37.3	85.2
11	Turcot interchange – Montréal – Reconstruction	1	06	2 904.2	334.5	434.7	769.1	3 673.3	-	3 673.3
12	Ville-Marie and Viger tunnels – Montréal – Repair	2	06	18.8	74.6	1 957.5	2 032.1	2 050.9	-	2 050.9
13	Dorval interchange – Montréal – Redevelopment	1	06	185.9	30.9	23.8	54.7	240.6	103.6	344.2
14	Autoroute 40 (Metropolitan) – Montréal – Maintenance	7	06	173.7	14.1	54.4	68.5	242.2	-	242.2
15	Saint-Pierre interchange – Montréal – Maintenance	7	06	131.1	0.3	51.5	51.9	183.0	-	183.0
16	Ville-Marie and Viger tunnels – Montréal – Maintenance	7	06	87.1	3.1	33.1	36.2	123.4	8.4	131.8
17	Interchange for Autoroutes 13 and 40, various structures – Montréal – Repair and reconstruction		06	52.3	28.5	5.9	34.4	86.7	-	86.7
18	Structure for Autoroute 520 (Côte-de-Liesse) between Autoroute 20 and Autoroute 40 in Montréal and Dorval – Reconstruction		06	18.6	0.9	48.1	49.0	67.6	-	67.6
19	Des Sources interchange between Pointe-Claire and Dorval – Repair		06	1.9	0.4	45.0	45.4	47.3	1.9	49.2
20	Pie-IX bridge (Route 125) between Montréal and Laval – Repair		06-13	11.4	8.8	95.4	104.2	115.7	82.9	198.6
21	Louis-Bisson bridge between Montréal et Laval – Repair		06-13	4.8	6.8	13.5	20.3	25.0	-	25.0
22	Honoré-Mercier bridge between Montréal and Kahnawake – Maintenance	7	06-16	197.9	6.8	75.8	82.6	280.5	-	280.5
23	Île-aux-Tourtes bridge between Vaudreuil-Dorion and Senneville – Maintenance	7	06-16	93.0	14.0	157.1	171.1	264.2	-	264.2
24	Autoroute 5 between Chemin de la Rivière and Route 105 – La Pêche – Extension		07	78.8	0.8	22.6	23.4	102.2	76.1	178.3
25	Route 117, bypass – Rouyn-Noranda – Construction	1	08	98.5	6.0	12.2	18.2	116.7	0.4	117.0
26	Route 389 between Baie-Comeau and the Jean-Lesage power station (Manic-2) – Reconstruction		09	44.5	21.5	17.5	39.0	83.4	-	83.4
27	Route 138, Arsène Gagnon hill – Les Bergeronnes – Reconstruction	2	09	21.8	19.8	33.5	53.3	75.1	46.7	121.8
28	Route 138, various sections between Baie-Comeau and Port-Cartier – Reconstruction		09	17.0	8.7	4.6	13.3	30.3	-	30.3
29	Route 132 between Pabos Mills and Newport – Repair		11	33.1	5.9	0.2	6.1	39.2	0.1	39.2
30	Road network, various sites – Îles-de-la-Madeleine – Repair		11	3.0	11.0	13.7	24.7	27.7	-	27.7
31	Route 173 and Route 277 – Saint-Henri – Redevelopment		12	60.5	13.5	11.3	24.8	85.2	-	85.2

In progress (cont'd)
(millions of dollars)

	Name	Note	Region	Québec Contribution[6]					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
32	Interchange between Autoroute 20 and Route 171 – Lévis – Redevelopment		12	44.2	4.4	0.4	4.8	49.1	-	49.1
33	Autoroute 20 – Saint-Janvier-de-Joly – Reconstruction		12	13.8	7.8	10.5	18.3	32.0	-	32.0
34	Chemin Sainte-Anne and Chemin du Moulin overpass on Autoroute 15 – Sainte-Adèle – Repair		15	7.2	11.6	4.3	16.0	23.2	-	23.2
35	Autoroute 35 between Saint-Sébastien and Saint-Armand (Phase III) – Construction	2	16	3.2	14.2	123.4	137.7	140.8	82.1	222.9
36	Pont Gouin between Saint-Jean-sur-Richelieu et Iberville – Reconstruction	1	16	72.6	21.7	-	21.7	94.3	32.0	126.3
Total				**4,778.8**	**837.5**	**3,875.6**	**4,713.1**	**9,491.9**	**989.9**	**10,481.7**

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

In planning (projects of 50 million dollars and more)

	Name	Note	Region
1	Autoroute 70 between Grande-Anse and La Baie – Construction		02
2	Île-d'Orléans bridge between Québec City and Île-d'Orléans – Reconstruction		03
3	Chemin des Quatre-Bourgeois overpass over Autoroute 73 – Québec – Reconstruction		03
4	Québec bridge between Québec City and Lévis, deck – Reconstruction	3	03-12
5	Tunnel between Québec City and Lévis – Construction		03-12
6	Bridge on Route 138 over the Batiscan River – Batiscan – Reconstruction		04
7	Laviolette bridge between Trois-Rivières and Bécancour, slab – Repair		04-17
8	Autoroute 40 (Félix-Leclerc) eastbound, between Kirkland and Baie-d'Urfé – Reconstruction		06
9	Eastern section of Autoroute 40 (Autoroute Metropolitan), between Boulevard Provencher and Boulevard Saint-Laurent – Montréal – Repair	3	06
10	Avenue Souligny between Rue Dickson and Rue Notre-Dame (Port of Montréal) – Repair		06
11	Rue Notre-Dame Ouest between Boulevard Angrignon and Rue de Courcelle (Turcot sector) – Montréal – Redevelopment		06
12	Structures for Autoroute 720, (Ville-Marie borough) – Montréal – Repair	4	06
13	Dorval tunnel (Autoroute 13) between Montréal and Dorval – Repair		06
14	Île-aux-Tourtes bridge between Vaudreuil-Dorion and Senneville – Reconstruction		06-16
15	Honoré-Mercier bridge between Montréal and Kanhawake – Reconstruction		06-16
16	Louis-Hippolyte-La Fontaine tunnel between Montréal and Longueuil – Repair		06-16
17	Autoroute 50 between Gatineau and L'Ange-Gardien – Widening	3	07
18	Alonzo-Wright bridge and east-west approaches – Gatineau – Construction and redevelopment	4	07
19	Route 138 – Tadoussac–Baie-Sainte-Catherine ferry – Redevelopment		09
20	Route 138 between Kegaska and La Romaine – Construction		09
21	Route 138 between La Tabatière and Tête-à-la-Baleine – Construction		09
22	Route 389 between Fire Lake and Fermont – Reconstruction		09
23	Autoroute 20 between Route du Président-Kennedy and access to the Pierre-Laporte bridge – Lévis – Widening		12
24	Interchange between Autoroute 20 and Route 173 – Lévis – Maintenance	3	12
25	Autoroute 19 between Laval and Bois-des-Filion – Construction		13-15
26	Vachon bridge (Autoroute 13) between Laval and Boisbriand – Repair		13-15
27	Route 158 between Joliette and Saint-Alexis, various sites – Repair and redevelopment	4	14-15
28	Autoroute 20 between Belœil and Sainte-Julie – Enhancement	4	16
29	Autoroute 20 between Mont-Saint-Hilaire and Saint-Hyacinthe – Repair		16
30	Autoroute 35 between Saint-Armand and the U.S. border (Phase IV) – Construction		16
31	Maurice-Martel bridge (Autoroute 30) – Sorel-Tracy – Repair		16
32	Route 139 – Granby – Repair and construction	4	16
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$7,036.6 M**

In study (projects of 100 million dollars and more)

	Name	Note	Region
1	Route 170 in Saint-Bruno and Route 169 toward Alma – Enhancement		02
2	Autoroute 973 between the Lebourgneuf exit and Rue de la Croix-Rouge – Québec – Enhancement		03
3	Interchanges north of the Pierre-Laporte bridge and the Québec bridge – Maintenance and enhancement		03
4	Bridge between Tadoussac and Baie-Sainte-Catherine – Enhancement		03-09
5	Western section of Autoroute 40 (Autoroute Metropolitan), between Boulevard Saint-Laurent and Autoroute 520 – Montréal – Maintenance		06
6	Boulevard Cavendish between Autoroute 13 and Autoroute 15 – Montréal – Enhancement		06
7	Saint-Pierre interchange – Montréal – Maintenance		06
8	Autoroute 50 between L'Ange-Gardien and Mirabel – Enhancement		07-15
9	Route 138 between La Romaine and Tête-à-la-Baleine – Enhancement	5	09
10	Route 138 between La Tabatière and Vieux-Fort – Enhancement	5	09
11	Autoroute 15, roadway – Laval and Boisbriand – Maintenance and enhancement		13-15
12	Gédéon-Ouimet bridge (Autoroute 15) between Laval and Boisbriand – Maintenance		13-15
13	Autoroute 13 between Saint-Eustache and Mirabel – Enhancement		15
14	Route 117 between Labelle and Rivière-Rouge – Enhancement		15
15	Autoroute 30 between Brossard and Boucherville – Enhancement		16
16	Place Charles-Le Moyne – Longueuil – Enhancement		16
17	Route 132 between Delson and Sainte-Catherine/Saint-Constant – Enhancement		16
18	Autoroute 55 between Bécancour and Sainte-Eulalie – Enhancement		17
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**$75.7 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$15,006.7 M
Sector total			**$26,832.1 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".
6 The contribution of the Gouvernement du Québec to projects in the “Road Network” sector is assumed by the Land Transportation Network Fund.
7 A project to replace or repair this infrastructure that is subject to an asset maintenance project is at "under study," "in planning" or "in progress".

The contribution of the Gouvernement du Québec required to implement the projects under study is assessed at $11.1 billion; this amount is not provided for in the 2020-2030 QIP.

❑ Projects withdrawn from the list of published projects in the 2020-2030 QIP

The commissioning of the following infrastructure projects in the "Road Network" sector has been finalized since the 2019-2029 QIP. Accordingly, these projects were withdrawn from the list of projects in progress:

1. Turcot and De La Vérendrye interchanges – Montréal – Maintenance (region 06) ;
2. Autoroute 35 between Saint-Jean-sur-Richelieu and Saint Sébastien (phases I and II) – Construction (region 16).

2.4.3 Profile of infrastructure and investment strategies – Road Network

Good condition (ABC) 54 %	2020-2030 QIP $26,832 million
AMD $18,747 million	

❑ Profile of the infrastructure

The road network infrastructure, under the responsibility of the MTQ, can be broken down as follows:

- 31,023 kilometres of paved roadways including highways, and national, regional, collector roads;
- 5,465 highway structures[6], including overpasses, bridges over water courses, tunnels and retaining walls;
- 4,265 bridges in the municipal network, which the MTQ has been in charge of managing since 2007;
- 61,814 culverts under 3 m, spread out across the highway system.

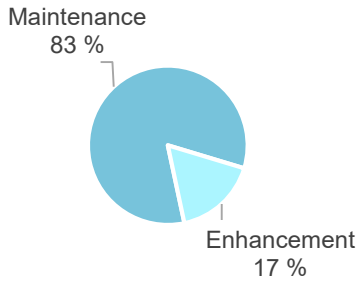
❑ 2020-2030 QIP investments

The Government plans to invest nearly $26.8 billion in the road network over the next 10 years. The majority of this investment will be to maintain and restore the condition of the current infrastructure.

More precisely, $22.3 billion, or 83% of total investments, will be directed to maintaining assets, managing the AMD and replacing road network infrastructure. Furthermore, in order to continue developing the infrastructure and responding to the increased demand on certain areas of the road network, $4.6 billion in investments will be dedicated to expand and extend several roadway segments, such as the Autoroute 73 (Henri-IV) in Québec City and extending Route 138 on the Côte-Nord. These investments will also be used to build new highway links needed to improve the network's functionality and traffic flow.

2020-2030 QIP Investments
by Type
(contribution of the Gouvernement du Québec, in millions of dollars and percentage)

Infrastructure Maintenance		
Asset Maintenance	7,638.9	
AMD	13,107.0	
Replacement	1,529.2	
Subtotal	**22,275.1**	**83 %**
Infrastructure Enhancement	4,557.0	17 %
Total	**26,832.1**	**100 %**

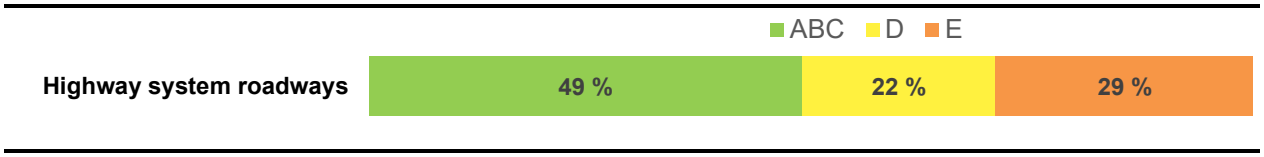


Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.

[6] The highway system corresponds to the road network consisting of highways, and national, regional, collector and resource access roads.

❑ Investment strategy for infrastructure maintenance

Condition Indicator



The highway system's roadways are currently in good condition, at 49.0%. This assessment combines four indicators, i.e. international roughness index (IRI), rutting, cracking and vulnerability to freezing. This combination of indicators is used to assess condition based on investment requirements needed to ensure sustainability.

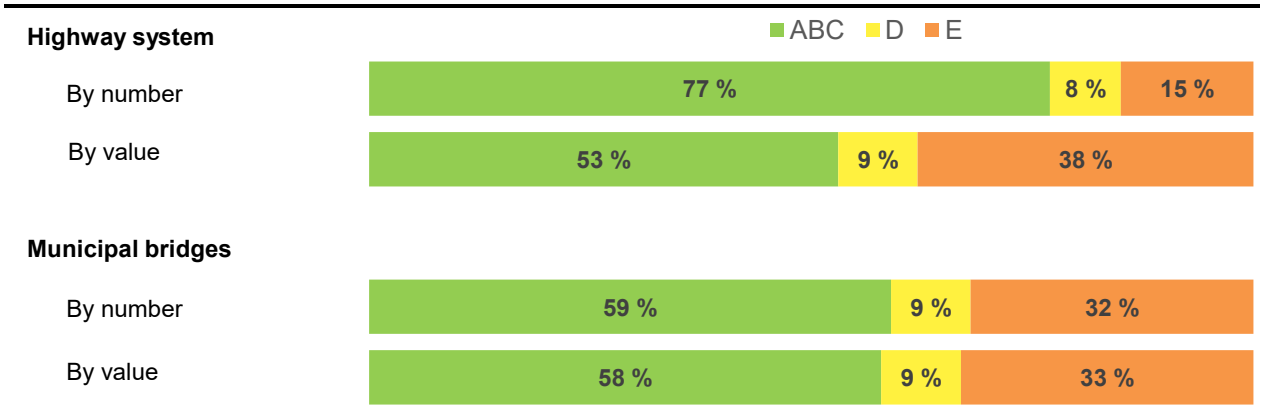
The pavement preservation planning strategy seeks to maximize long-term benefits from the investments and ensure road network users enjoy a high level of service. The challenge is to invest in the right roadway at the right time using the proper technique through optimum planning of measures and to avoid the "worst is first" reflex.

In order to improve the condition of the highway system and reach a target of 53.0% of paved roadways in good condition (GCI of A, B and C) by 2023 as mentioned in his 2019-2023 Strategic Plan, the MTQ's strategy focuses on four aspects:

- 65.0% of investment in high cost-benefit corrective rehabilitation measures for roads in poor condition;
- 25.0% of investment to deal with unusual situations and uncertainties (floods, high tides);
- 5.0% of investments in stopgap interventions to enhance the short-term security of the network until the appropriate corrective work is carried out;
- 5.0% of investments in preventive interventions to maintain roads in good condition (GCI of A, B and C).

This intervention strategy was adjusted in 2019 to provide greater precision and thereby facilitate application of the road work program. This new strategy most particularly involves adding components associated with measures to secure infrastructure, in an effort to eliminate the major issues of deep rutting and IRI on curves. Since road work is scheduled over two years, the new strategy will only be fully implemented in 2021-2022.

Structure condition indicator



The intervention strategy for maintaining structures in good condition (GCI of A, B and C) hinges on four key principles:

- Prioritize work on structures located on the RSSCE[7];
- Slow the pace of structure deterioration through targeted preventive maintenance measures and inexpensive repairs intended to postpone major interventions for 5 to 10 years;
- Limit the scope of structure repair projects to measures that are strictly confined to structural deficiencies or other safety-related problems without adding "non-priority" measures;
- Modify, in the medium and long-terms, intervention planning for structures, to lengthen the time available to complete major repair work.

In a context where the ability to perform work is limited as compared to the needs identified, this intervention strategy prioritizes work that ensures public safety and maximizes the long-term sustainability of the infrastructure portfolio. In its 2019-2023 Strategic Plan, the MTQ seeks to achieve the following objectives by 2023:

- 79.0% of the number of highway system structures in good condition (compared with 76.0% in 2019 and 77.0% in 2020);
- 61.0% of the number of bridges in the municipal network in good condition (compared with 58.0% in 2019 and 60.0% in 2020).

Condition Indicator

Most of the road network culverts, i.e. 83.0%, are in good condition (GCI of A, B and C) and require no major intervention in the short term. Culverts in poor (GCI of D) and very poor (GCI of E) condition are monitored very closely, since they will require repairs, rehabilitation or reconstruction in the coming years.

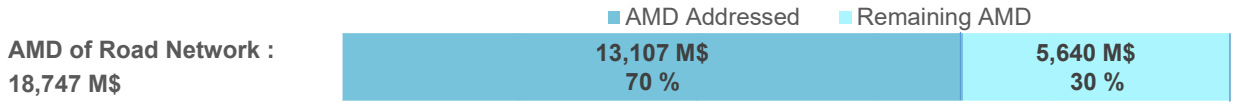
The 2020-2022 integrated strategy for culverts under 3 m will optimize interventions in order to:

- Perform work on culverts at the same time as work planned on the roadway above them;
- Prioritize work to rehabilitate or reconstruct culverts currently in poor (GCI of D) and very poor (GCI of E) condition;
- Perform interventions to maintain culverts currently in good condition (GCI of A, B and C).

[7] Within its network, the Department has defined the Réseau stratégique en soutien au commerce extérieur (RSSCE), which supports most of Québec's discussions with its commercial partners and serves the vast majority of the Québec population.

❑ Investment strategy for addressing the AMD

Addressing the AMD



The AMD, with a total value of $18.7 billion, is the result of low investment in road infrastructure maintenance, especially from 1980 to 2000. It is detailed as follows:

- Roadways in the highway system: $7.4 billion;
- Structures in the highway system: $9.5 billion;
- Bridges in the municipal network: $0.8 billion;
- Culverts under 3 m: $1.0 billion.

Since a significant proportion of the road network structures were built between 1960 and 1970, most infrastructure is at the end of its useful life; reconstruction will require significant investments in the coming years.

The 2020-2023 QIP includes investments of $13.1 billion for this sector, which will enable 70.0% of the current AMD to be managed.

Highway system roadways

In its global roadway pavement maintenance intervention strategy, the MTQ plans to allocate the majority of investments available to performing high cost-benefit corrective measures to restore roadways to good condition (GCI of A, B and C) and manage the AMD.

The MTQ also must ensure that it reaches a balance between investments in complex measures that remedy major long-term deficiencies, and quicker, high cost-benefit investments that remedy minor deficiencies. The goal is to carry out, in the short term, the optimal amount of intervention with the goal of significantly prolonging the useful life and riding comfort of the most obsolete roadways, while lowering the AMD as much as possible.

Highway system structures and municipal bridges

In its strategic planning for the work to be carried out in the coming years, the MTQ has planned several major reconstruction and restoration projects on specific major structures in the highway system that are in poor (GCI of D) and very poor (GCI of E) condition. These investments will address the current AMD on these structures by more than 83.0%. These projects include, most specifically:

- Reconstruction of the Turcot interchange;
- Major repair work on the Ville-Marie and Viger tunnels, as well as the Louis-Hippolyte-La Fontaine tunnel between Montréal and Longueuil;
- Reconstruction of the Honoré-Mercier, Île d'Orléans and Île-aux-Tourtes bridges;
- Repair of Pont Pierre-Laporte and the deck of Pont de Québec;
- Major repair of the eastern section of Autoroute 40 (Autoroute Metropolitan).

Culverts under 3 m

The MTQ is currently developing a method to assess the AMD for culverts under 3 m, in order to target the highest priority interventions on those in poor (GCI of D) and very poor (GCI of E) condition. For this time this year, the AMD value was estimated taking into consideration the cost to reconstruct these culverts.

The MTQ prioritizes interventions on the culverts in poor (GCI of D) and very poor (GCI of E) condition that can be integrated into paving projects currently in progress. This will optimize costs and lower the impact on traffic.

❑ Investment strategy to enhance the infrastructure

In order to meet the increasing demand on the road network in certain areas that have reached the saturation point, the MTQ's investment strategy to enhance the portfolio in the coming years hinges on the following intervention priorities:

- Improve user safety;
- Improve network functionality by optimizing traffic flow where congestion occurs;
- Increase the transportation network's resilience to natural hazards and climate change:
  - The MTQ's 2019-2023 Strategic Plan outlines 25 roadway projects in answer to climate changes.

2.5 Public transit

2.5.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	30.9	9.0	124.6	276.6	176.9	617.9	1,452.4	**2,070.3**	15.2	**2,043.6**	22.6
AMD management	-	-	-	-	-	-	-	**-**	-	**-**	-
Replacement	174.1	247.8	239.1	60.9	181.6	903.5	241.2	**1,144.8**	8.4	**1,422.1**	15.7
Subtotal	205.0	256.9	363.7	337.5	358.4	1,521.4	1,693.6	**3,215.1**	23.7	**3,465.7**	38.3
Inventory enhancement	877.3	786.5	744.1	774.6	1,263.3	4,445.8	5,920.3	**10,366.1**	76.3	**5,574.6**	61.7
Total	**1,082.3**	**1,043.4**	**1,107.8**	**1,112.1**	**1,621.7**	**5,967.2**	**7,613.9**	**13,581.2**	**100.0**	**9,040.3**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution[6]					Partners' Contribution	Total cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Montréal Métro, AZUR Métro cars – Replacement	1	06	1,400.8	3.1	188.5	191.6	1,592.4	530.0	2,122.4
2	Montréal Métro, additional AZUR Métro cars – Purchase		06	36.8	94.8	169.3	264.1	300.9	279.8	580.7
3	Montréal Métro, Réno-Systèmes program (Phase IV) – Maintenance and enhancement		06	125.2	68.4	200.5	269.0	394.1	175.9	570.0
4	Montréal Métro, Réno-Systèmes program (Phase III) – Maintenance and enhancement		06	218.3	11.1	33.3	44.4	262.7	237.3	500.0
5	STM's Côte-Vertu garage – Montréal – Construction		06	121.2	56.0	83.6	139.6	260.7	178.5	439.2
6	exo's commuter train network, diesel locomotives – Greater Montréal – Replacement	2	06	0.3	9.6	249.9	259.6	259.8	101.1	360.9
7	exo's Pointe-Saint-Charles maintenance centre – Montréal – Construction		06	192.5	15.7	0.9	16.6	209.1	102.6	311.7
8	Montréal Métro, Réno-Infrastructures program (Phase II) – Maintenance and enhancement		06	86.6	33.6	91.6	125.2	211.8	88.2	300.0
9	Montréal Métro, Station accessibility program (Phase I) – Enhancement		06	27.3	33.1	144.6	177.7	205.0	74.0	279.0

In progress (cont'd)
(millions of dollars)

	Name	Note	Region	Québec Contribution[6]					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
10	STM's Crémazie complex – Montréal – Reconstruction		06	37.3	8.8	44.7	53.5	91.3	165.3	256.6
11	Montréal Métro, Réno-Infrastructures program (Phase I) – Maintenance and enhancement		06	164.3	1.9	11.0	12.9	177.2	72.8	250.0
12	Passageway and pedestrian walkway at the Vendôme multimodal hub – Montréal – Construction		06	52.2	41.1	17.1	58.2	110.3	-	110.3
13	Montréal Métro, MR-73 métro cars – Maintenance and enhancement		06	25.4	7.7	17.1	24.8	50.2	18.8	69.0
14	STM's 12 meter hybrid buses – Montréal – Replacement		06	10.0	14.3	-	14.3	24.2	36.4	60.6
15	Integrated rapid bus transit service on Boulevard Pie-IX between Montréal and Laval – Development and construction		06-13	86.9	75.4	123.7	199.2	286.0	107.8	393.8
16	exo's commuter train network, passenger cars (type 2000) – Greater Montréal – Replacement		06-16	30.8	14.2	29.5	43.7	74.4	28.8	103.2
17	STO's Rapibus reserved lanes (Phase II) – Gatineau – Expansion		07	2.5	9.6	19.2	28.8	31.3	15.4	46.7
Total				**2,618.4**	**498.4**	**1.424.5**	**1,923.2**	**4,541.4**	**2,212.7**	**6,757.2**

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

In planning (projects of 50 million dollars and more)

	Name	Note	Region
1	RTC's structuring public transit network – Québec – Construction		03
2	Tunnel between Québec City and Lévis (Public transit stream) – Construction		03-12
3	STM's attachment centre in the northwest section – Montréal – Construction	4	06
4	STM's Viau attachment centre – Montréal – Expansion		06
5	STM's Anjou transit centre – Montréal – Expansion		06
6	STM's Bellechasse transit centre – Montréal – Repair	4	06
7	STM's Bellechasse transit centre – Montréal – Construction		06
8	STM's East transit centre – Montréal – Construction		06
9	STM's Legendre transit centre – Montréal – Expansion		06
10	STM's Saint-Laurent transit centre – Montréal – Expansion		06
11	Montréal Métro, blue line from Saint-Michel station to Anjou – Extension		06
12	Montréal Métro, platform screen doors on the orange line (Phase I) – Purchase	4	06
13	Montréal Métro, step-down transformers for electrical power supply – Repair		06
14	Montréal Métro, Station accessibility program (Phase II) – Enhancement		06
15	Montréal Métro, Réno-Infrastructures program (Phase III) – Maintenance and enhancement		06
16	Montréal Métro, Réno-Systèmes program (Phase V) – Maintenance and enhancement		06
17	Montréal Métro, train control system on the blue line (Phase I) – Replacement	4	06
18	STM's infrastructure maintenance program (Phase II) – Montréal – Maintenance		06
19	Réseau express métropolitain ticketing equipment – Greater Montréal – Purchase		06
20	exo's commuter train network, passenger cars (type 2000) – Greater Montréal – Purchase		06
21	STO's Rapibus reserved lanes (Phase III) – Gatineau – Extension		07
22	Priority measures for public transit on Boulevard Guillaume-Couture – Lévis – Developpement		12
23	STL garage (Phase IV) – Laval – Construction		13
24	RTL operations centre – Longueuil (Saint-Hubert borough) – Repair		13
25	RTL Vieux-Longueuil operations centre – Longueuil – Repair		16
26	RTL garage – Longueuil – Construction		16
27	UBS on Autoroute 30 between Brossard and Boucherville – Enhancement		16
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$7,736.3 M**

In study (projects of 100 million dollars and more)

	Name	Note	Region
1	RTC's operation centre – Québec City – Enhancement	5	03
2	RTC's Métrobus centre – Québec City – Enhancement	5	03
3	Priority measures for public transit interconnection between Québec City and Lévis – Québec – Enhancement	5	03-12
4	Structuring electric public transit project to link East, North-East and South-West to downtown Montréal – Enhancement	7	06
5	Reserved lanes on Autoroutes 13, 20, 25, 440, 640 and Route 116 – Greater Montréal – Enhancement		06-15-16
6	Structuring electric public transit projet between western Gatineau and downtown Ottawa – Enhancement		07
7	Autoroute 15, reserved lanes – Laval – Enhancement		13
8	Structuring public transit project on Boulevard Notre-Dame and Boulevard De La Concorde – Laval – Enhancement	5	13
9	Structuring public transit project between Laval east and west – Enhancement	5	13
10	Structuring public transit project on Boulevard Taschereau – Longueuil – Enhancement	8	16
11	Structuring public transit project between REM and Chambly/Saint-Jean-sur-Richelieu – Enhancement	5	16
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**$420.4 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$3,501.2 M
Sector total			**$13,581.2 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".
6 The contribution of the Gouvernement du Québec to projects in the “Public Transit” sector is assumed by the Land Transportation Network Fund.
7 The project “structuring electric public transit project to link East” that included the North-East branch, and that was “under study’ in the 2019-2029 QIP, has been merged with the one recently put ‘under study’ in the 2020-2030 QIP, which is the South-West branch to downtown Montréal. See box on page A.11.
8. The two projects in the 2019-2029 QIP located in Longueuil were merged to form a single project. See box on page A.11.

The contribution of the Gouvernement du Québec required to implement the projects under study is assessed at $26.0 billion, this amount is not provided for in the 2020-2030 QIP.

❑ Project withdrawn from the list of published projects in the 2020-2030 QIP

The implementation of the following infrastructure project in the "Public Transit" sector has been entrusted to CDPQ Infra. Accordingly, this project was withdrawn from the list:

- REM, Côte-de-Liesse – Montréal – Construction (region 06)

2.5.3 Profile of infrastructure and investment strategies – Public transit

Good condition (ABC)	2020-2030 QIP
75 %	$13,581 million

❑ Profile of the infrastructure

The infrastructure of public transit corporations is composed of the following:

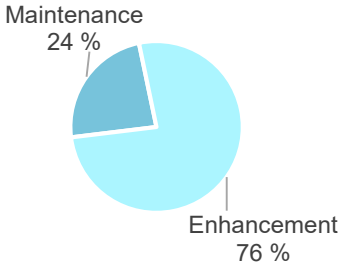
- Civil engineering structures such as metro stations and tunnels, reserved bus lanes, incentive parking lots and railroad tracks;
- Equipment such as metro cars, buses, trains, emergency response vehicles and all other equipment required for service continuity;
- Buildings such as terminals and bus shelters, garages for mechanical maintenance of equipment, stations, and administrative and service buildings.

❑ 2020-2030 QIP investments

The Government plans to invest $13.6 billion over the next 10 years in the public transportation sector, the majority of which (76.0%) 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 $3.2 billion are planned to maintain and replace infrastructure at the end of its useful life.

2020-2030 QIP Investments by Type
(contribution of the Gouvernement du Québec, in millions of dollars and percentage)

Infrastructure Maintenance		
Asset Maintenance	2,070.3	
Replacement	1,144.8	
Subtotal	**3,215.1**	**24 %**
Infrastructure Enhancement	10,366.1	76 %
Total	**13,581.2**	**100 %**



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

❑ Investment strategy for infrastructure portfolio maintenance

Condition Indicator

The majority of the infrastructure portfolio of public transit corporations is in good condition (GCI of A, B and C). This situation shows the efforts made by these corporations to maintain and develop infrastructure that delivers efficient, quality services that meet the population's needs.

The portfolio maintenance strategy is based on the following priorities:

- Offer safe, high-quality services that meet to current standards;
- Maintain existing assets in good condition (GCI of A, B and C) by continuous replacement and repair of equipment, rolling stock and infrastructure at the end of its useful life.

Specifically, the key investment projects planned to maintain the portfolio aim to:

- Replace fixed metro equipment, including escalators, ventilation, elevators and train control equipment;
- Perform general repairs to critical civil engineering structures such as electrical, mechanical and structural systems;
- Reconstruct and upgrade buildings such as the Société de transport de Montréal's Complexe Crémazie and the Réseau de transport de Longueuil operations centre in Saint-Hubert;
- Replace rolling stock, including trains, metro cars and buses.

❑ Investment strategy to enhance the infrastructure

The investment strategy to enhance public transport infrastructure consists in developing a network that allows to bring solutions to congestion issues and to address environmental issues by reducing GHG emissions.

These investments will make it possible to meet the following priorities:

- Network expansion, primarily by:
  - Extending the Montréal Métro's blue line from Saint-Michel station to Anjou;
  - Construction of a RTC’s structuring public transit network in Québec City;
  - Adding a structuring electric public transit projet between western Gatineau and downtown Ottawa;
- Service optimization by enhancing the technical and operational features of existing infrastructures:
  - Implementation of new reserved bus lanes, for instance on Autoroutes 13, 20, 25, 440, 640 and Route 116 in greater Montréal. In particular, the stretch of near 13 km on Autoroute 20 offers a great opportunity for implementing a reserved lane for carpool and buses considering frequent traffic congestion, high flow of vehicles and the very few physical constraint making it possible to proceed to a prescribed enlargement of the roadway;
  - Ticket distributor automation;
  - Improvement of accessibility to public transit networks;
  - The addition of smart screens displaying bus arrival times in real time.

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

- To provide 70.0% of the Québec population with access to at least four sustainable mobility services;
- A 20.0% reduction of the average travel time between home and work;
- A 20.0% reduction of solo car trips throughout Québec;
- A 40.0% reduction of petroleum consumption in the transportation sector below the 2013 level;
- A 37.5% reduction of GHG emissions in the transportation sector below the 1990 level.

2.6 Municipalities

2.6.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	338.1	483.0	599.7	576.6	698.1	2,695.5	3,401.5	**6,097.0**	80.9	**5,683.6**	78.8
AMD management	-	-	-	-	-	-	-	**-**	-	**-**	-
Replacement	85.2	92.2	112.5	117.1	17.5	424.5	339.0	**763.6**	10.1	**626.0**	8.7
Subtotal	423.3	575.2	712.2	693.7	715.7	3,120.0	3,740.6	**6,860.5**	91.0	**6,309.5**	87.4
Inventory enhancement	163.7	101.9	105.2	86.4	62.7	519.9	156.0	**675.9**	9.0	**907.2**	12.6
Total	**587.0**	**677.1**	**817.4**	**780.1**	**778.3**	**3,639.9**	**3,896.6**	**7,536.5**	**100.0**	**7,216.7**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Centre des glaces – Québec City – Construction		03	9.1	13.6	0.2	13.8	22.9	45.1	68.0
2	Drinking water treatment stations – Shawinigan – Construction		04	24.0	0.1	-	0.1	24.0	40.1	64.1
3	Jean-R.-Marcotte wastewater treatment station, disinfection unit – Montréal – Construction		06	24.5	1.5	37.8	39.3	63.8	86.3	150.0
4	Wastewater retention basins – Montréal – Construction		06	38.8	6.4	4.1	10.5	49.3	98.7	148.0
5	Quartier des spectacles – Montréal – Redevelopment		06	38.3	1.7	-	1.7	40.0	80.0	120.0
6	Outremont rail yard – Montréal – Redevelopment		06	27.6	1.5	1.0	2.4	30.0	90.0	120.0
7	Saint Joseph's Oratory – Montréal – Construction and redevelopment		06	13.0	6.9	10.9	17.8	30.8	48.4	79.2
8	Atwater plant, drinking water intake – Montréal – Reconstruction		06	42.6	17.2	-	17.2	59.8	12.3	72.1

In progress (cont'd)
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
9	Wastewater treatment station, oxygen production plant – Montréal – Construction		06	0.3	0.1	13.2	13.3	13.7	18.5	32.1
10	Wastewater treatment station – Gatineau – Construction and reconstruction		07	17.4	7.3	28.4	35.7	53.1	26.5	79.6
11	Arena and community rinks – Gatineau – Construction		07	24.2	2.1	0.3	2.3	26.5	26.5	53.0
12	Rouyn-Noranda regional airport – Expansion and repair		08	8.8	3.4	0.2	3.6	12.4	24.8	37.2
13	Stormwater network – Saint-Lambert (Rue Riverside) – Construction		16	17.1	4.7	-	4.7	21.9	10.9	32.8
14	Drinking and wastewater network – Léry (eastern sector) – Expansion and construction		16	0.5	9.9	9.9	19.8	20.3	10.1	30.4
Total				**286.2**	**76.4**	**105.8**	**182.2**	**468.4**	**618.1**	**1,086.5**

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

In planning

	Name	Note	Region
1	Écoquartier, îlot central de technopôle Angus – Montréal – Construction	4	06
2	Flood protection structure – Rivière-des-Mille-Îles – Construction	4	07
3	Dam – Sainte-Marthe-sur-le-Lac – Repair and construction	4	15
4	Flood protection structure – Lac des Deux Montagnes – Construction	4	15
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$60.5 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$7,293.8 M
Sector total			**$7,536.5 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

❑ Projects withdrawn from the list of published projects in the 2020-2030 QIP

The commissioning of the following infrastructure projects in the "Municipalities" sector has been finalized since the 2019-2029 QIP. Accordingly, these projects were withdrawn from the list of projects in progress:

1. Colisée de Trois-Rivières – Construction (region 04) ;
2. Parc Jean-Drapeau – Montréal – Construction and redevelopment (region 06).

2.6.3 Profile of infrastructure and investment strategies – Municipalities

Good condition (ABC)	2020-2030 QIP
80 %	$7,536 million

❑ Profile of the infrastructure

The infrastructures for municipal aqueduct and sewer services is primarily comprised of:

- 3,678 drinking water supply and production facilities;
- 4,948 wastewater/stormwater treatment facilities;
- 96,902 kilometres of pipes for drinking water, wastewater and stormwater;
- 37,981 kilometres of roadways above pipes.

❑ 2020-2030 QIP investments

The Government plans to invest nearly $7.5 billion in the next ten years in the municipalities sector, 91% of which, or $6.9 billion, will be dedicated to infrastructure maintenance.

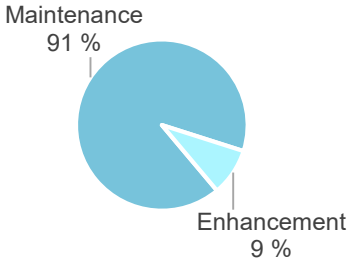
The majority of these investments, or $6.8 billion, is to carry out construction, repair or upgrading projects on drinking water and wastewater treatment facilities and to rehabilitate water pipes. In addition to water infrastructure projects, these funds will be used to carry out municipal, community, recreational and cultural infrastructure projects, such as renovating city halls and fire stations, as well as infrastructures intended for seniors.

Furthermore, in response to emerging needs, an investment of $675.9 million is planned for enhancement projects such as:

- Construction of a wastewater disinfection unit at Jean-R.-Marcotte wastewater treatment station in Montréal;
- Construction of wastewater retention basins in Montréal;
- Construction of the Centre des glaces in Québec City.

2020-2030 QIP investments
by Type
(contribution of the Gouvernement du Québec, in millions of dollars and percentage)

Infrastructure Maintenance		
Asset Maintenance	6,097.0	
Replacement	763.6	
Subtotal	**6,860.5**	**91 %**
Infrastructure Enhancement	675.9	9 %
Total	**7,536.5**	**100 %**



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

❑ Investment strategy for infrastructure portfolio maintenance and improvement

Condition Indicator

According to the *Portrait des infrastructures en eau des municipalités du Québec*[8] completed in 2019 by the CERIU, the municipalities' water infrastructure is in good condition (GCI of A, B and C). This result shows the positive impact of that the financial assistance programs have had on the condition of Québec's water infrastructures. Despite this satisfactory overall evaluation, the 20% of the infrastructures that are in poor (GCI of D) and very poor (GCI of E) condition will require significant investments in the coming years to restore them to good condition (GCI of A, B and C). Special attention will also have to be paid to the high number of infrastructures with a moderate risk of failure (GCI of C) as to extend their lifespan.

The MAMH manages the following programs, which support municipalities in the maintenance, repair or improvement of their water infrastructure infrastructures and other municipal infrastructures:

<u>MAMH programs that provide provincial funding only</u>

- PRIMEAU: the purpose of this program is to help municipalities with projects to build, repair or expand drinking water and wastewater treatment infrastructure, as well as other projects to rehabilitate water and sewer lines;
- RÉCIM: this program offers assistance to municipalities with limited financial resources to maintain their infrastructure; This program applies to infrastructures such as administrative offices (city halls, borough offices), fire stations, municipal garages and warehouses, as well as community centres;
- PRIMADA: this program provides financial support for municipalities that have adopted policies for seniors and the MADA action plan to carry out small construction, repair or expansion projects on infrastructure used by seniors;
- PIQM: this program helps municipalities carry out various infrastructure work based on their needs. This program is closed to new grant applications, but projects that have already received confirmation of financial assistance are maintained.

These programs evolve based on municipal needs and investments authorized in the QIP.

[8] Website: https://ceriu.qc.ca/bibliotheque/rapport-2019-du-portrait-infrastructures-eau-municipalites-du-quebec-piemq

MAMH programs that provide both provincial and federal funding

These programs result from specific agreements between the Québec and federal governments:

- NFCCQ, Fonds des petites collectivités component: this program offers financial support to municipalities with 100,000 or less residents to maintain and upgrade their water infrastructure, as well as for their cultural, tourism, recreational and sports facilities and local and regional airports. This program is closed to new grant applications, but projects that have already received confirmation of financial assistance are maintained;
- FCCQ, Collectivités, Grandes villes and Grands Projets components: the purpose of this program is to provide municipalities with water infrastructure to improve the quality of drinking water or reduce the negative impacts of wastewater on the environment and public health. It also aims to provide communities or regions with service infrastructure that can spur their development in terms of culture, economy, sports and tourism, among other things. This program is closed to new grant applications, but projects that have already received confirmation of financial assistance are maintained;
- FEPTEU: this program supports projects targeting drinking water and wastewater treatment infrastructure in an effort to boost the economy. This program is closed to new grant applications, but projects that have already received confirmation of financial assistance are maintained.

The MAMH also announced two new programs in 2019, namely the 2019-2023 TECQ and FIMEAU, which will allow an increase of investments over the coming years. These programs will make an additional $4.9 billion in government funding available to carry out high-priority projects, $3.3 billion from Canada and $1.6 billion from Québec.

- TECQ: this program transfers to municipalities a portion of the federal gasoline excise tax revenue plus a contribution from the Gouvernement du Québec for drinking water, wastewater treatment, local roads and other types of infrastructure projects. Under the TECQ, all eligible project expenditures are fully refundable.
  - The 2019-2023 TECQ program includes investments of approximately $3.4 billion (from both Canada and Québec) for new drinking water, wastewater, local road network and other types of infrastructure projects that will be prioritized by 2023.
- FIMEAU: this new program arose from the implementation of the Integrated Bilateral Agreement for the Investing in Canada Infrastructure Program (IBA). It funds work to build, repair, expand or add municipal drinking water and wastewater treatment infrastructure.
  - The FIMEAU program plans investments of approximately $1.5 billion (from both Canada and Québec) for new projects to build, repair, expand or add municipal drinking water and wastewater infrastructure that will be prioritized by 2025.

2.7 Government administration

2.7.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	153.9	168.0	130.2	109.9	86.2	648.1	461.0	**1,109.1**	28.3	**1,416.9**	36.5
AMD management	20.6	26.1	40.6	23.7	5.4	116.4	283.4	**399.8**	10.2	**78.1**	2.0
Replacement	39.2	56.9	47.7	40.3	34.4	218.5	179.6	**398.1**	10.2	**435.6**	11.2
Subtotal	213.7	250.9	218.5	173.9	126.1	983.0	924.0	**1,907.1**	48.7	**1,930.6**	49.7
Inventory enhancement	373.7	276.2	277.0	227.2	180.3	1,334.4	678.2	**2,012.5**	51.3	**1,950.4**	50.3
Total	**587.4**	**527.1**	**495.5**	**401.1**	**306.4**	**2,317.4**	**1,602.2**	**3,919.6**	**100.0**	**3,881.0**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Rimouski courthouse – Repair and redevelopment		01	67.2	1.0	-	1.0	68.2	-	68.2
2	Roberval courthouse – Repair and redevelopment	2	02	7.8	16.6	41.9	58.4	66.2	-	66.2
3	Marie-Guyart building, parking – Québec – Repair		03	48.7	10.2	-	10.2	59.0	-	59.0
4	Temporary lodging building - Puvirnituq - Enhancement		10	8.2	14.0	0.8	14.8	23.0	-	23.0
Total				**132.0**	**41.8**	**42.7**	**84.4**	**216.4**	**-**	**216.4**

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

In planning

	Name	Note	Region
1	Complexe Desjardins – Montréal – Redevelopment		06
2	Maison Tanguay detention centre – Québec – Expansion and redevelopment		06
3	Maison des organisations internationales – Montréal – Purchase and construction		06
4	Regional center for addiction treatment – Isuarsivik – Construction		10
5	Saint-Hyacinthe courthouse – Redevelopment		16
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$241.8 M**

In study (projects of 50 million dollars and more)

	Name	Note	Region
1	Gérard-D.-Levesque building – Québec – Maintenance		03
2	Royal Victoria Hospital – Montréal – Maintenance		06
3	Québec Delegation in Paris building – Enhancement		Outside Québec
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**22.3 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$3,571.1 M
Sector total			**$3,919.6 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

2.7.3 Profile of infrastructure and investment strategies – Société québécoise des infrastructures

Good Condition (ABC)	2020-2030 QIP
69 %	$3,920 million
AMD	
$513 million	

❑ Profile of infrastructure

The infrastructure of the SQI consists of 368 owned buildings and civil engineering infrastructures, with a leasable area of more than 1.9 million square metres. Thus, across Québec there are:

- 56 office buildings used for government administration;
- 43 courthouses;
- 14 detention facilities;
- 72 Sûreté du Québec police stations;
- 164 other specialized buildings, in particular, transportation centres, conservatories of music and dramatic art, laboratories, warehouses, non-rental or surplus buildings;
- 19 underground parking lots and tunnels.

The other infrastructure in this sector consists of buildings, furniture and equipment belonging to about 100 government bodies, including the Agence du revenu du Québec and the Régie de l'assurance maladie du Québec.

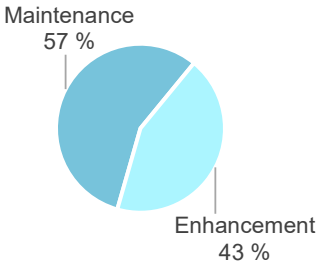
❑ 2020-2030 QIP investments

The investments provided for in the 2020-2030 QIP for the SQI ensure a balance between investments intended for maintenance and those earmarked for enhancing the infrastructure inventory. These investments will allow the SQI to continue implementing the Government's real estate vision and exercising its strategic role in maintaining and developing the real estate spaces it manages.

For the other bodies, the planned investments relate mainly to acquiring or replacing various types of equipment.

2020-2030 QIP Investments
by Investment Type and Beneficiary
(Gouvernement du Québec contribution, in millions of dollars and percentage)

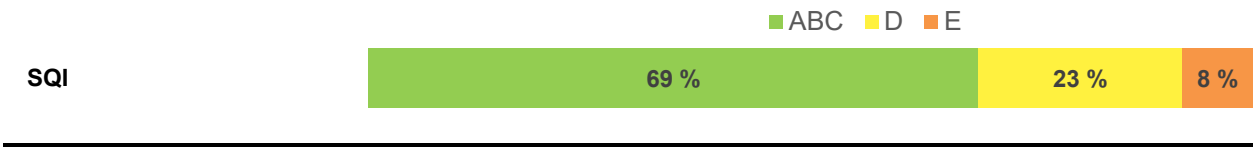
	SQI	%	Other	Total
Infrastructure Maintenance				
Asset Maintenance	962.9		146.2	**1,109.1**
AMD	399.8		–	**399.8**
Replacement	94.1		304.1	**398.1**
Subtotal	**1,456.7**	**57 %**	**450.3**	**1,907.1**
Infrastructure Enhancement	1,120.9	43 %	891.6	**2,012.5**
Total	**2,577.7**	**100 %**	**1,341.9**	**3,919.6**



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

❑ Investment strategy to maintain the SQI infrastructure inventory

Condition indicator



The sound infrastructure management practices of the SQI in the past have made it possible to keep most of the buildings and parking lots in good condition (GCI of A, B and C), at an overall level of 69.0%.

In order to ensure the continuity of this infrastructure inventory, the 2020-2030 QIP of the SQI provides investments of $1.5 billion over 10 years to maintain government buildings. The SQI investment strategy, which is based on best practices in building operation and workplace design, is aimed at keeping the building inventory under its responsibility in good condition.

The investments of the SQI are intended to:

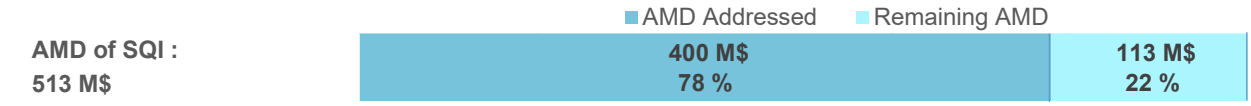
- Provide the government bodies across Québec with buildings and premises allowing them to boost their productivity and better provide services to citizens;
- Ensure the maintenance of healthy, comfortable and safe occupancy conditions, by conserving and managing optimally real estate properties;
- Contribute to the achievement of Government guidelines, particularly in terms of sustainable development, the fight against climate change, the use and management of building materials and the promotion of cultural heritage.

In this regard, the SQI has set the following objective:

- Increase the current number of buildings in good condition (GCI of A, B and C) by 10% by March 31, 2023, a target of 79%.

❑ SQI investment strategy for addressing the AMD

Addressing the AMD



The AMD currently evaluated for SQI infrastructure is $512.8 million, which is mainly due to several older rental buildings, many of which have components that have reached the end of their useful life.

Thus, in order to address the AMD, the SQI is making a priority to invest in infrastructure in poor (GCI of D) and very poor (GCI of E) condition to improve their condition and reduce their AMD.

Concretely, investments of $399.8 million are planned in the 2020-2030 QIP targeting several projects that will make it possible to reduce the current AMD of $512.8 million by 78%, in particular:

- Work on facades, exterior repairs such as curtain walls and architectural components required on certain office buildings and courthouses;
- Various upgrades such as the replacement or addition of security systems for people and goods and, the replacement of refrigeration systems or the completion of various work to comply with the Code du bâtiment;
- Work to upgrade and renovate certain detention facilities;
- Replacement of obsolete mechanical and electrical components;
- The replacement of abrasive warehouses that have reached the end of their useful life in several service centres of the MTQ;
- The sale of surplus buildings in poor condition.

Since it is foreseeable that certain older buildings will continue to increase the AMD over the next few years, the SQI has set the following objective:

- By March 2025, reduce the current AMD of $512.5 million by 25%, a reduction target of $128.0 million.

❑ Investment strategy to enhance the SQI infrastructure

The development of the SQI building inventory is based on the evolving needs of public bodies. To this end, investments planned to enhance the inventory by $1.1 billion over 10 years will make it possible to:

- Acquire new properties contributing to reducing the SQI's inventory of rental buildings;
- Build new facilities or redesign existing buildings to improve services in the regions, in particular, the construction of new Sûreté du Québec police stations and major redevelopments of various courthouses;
- Invest in existing buildings in order to optimize energy consumption and reduce the use of petroleum products making it possible to meet the established GHG reduction targets;
- Contribute to the electrification of transport by installing charging stations in the parking lots of buildings under the responsibility of the SQI.

2.8 Culture

2.8.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	76.7	90.9	107.1	114.6	105.1	494.4	380.7	**875.1**	44.6	**843.6**	53.5
AMD management	9.0	9.6	9.9	7.2	5.5	41.2	4.4	**45.6**	2.3	**86.0**	5.5
Replacement	35.4	39.6	33.9	29.3	26.8	165.0	134.0	**299.0**	15.2	**316.2**	20.1
Subtotal	121.0	140.1	151.0	151.1	137.4	700.6	519.1	**1,219.6**	62.1	**1,245.8**	79.1
Inventory enhancement	41.8	90.6	140.0	124.4	106.9	503.7	240.2	**743.9**	37.9	**329.8**	20.9
Total	**162.9**	**230.7**	**291.0**	**275.5**	**244.3**	**1,204.3**	**759.2**	**1,963.5**	**100.0**	**1,575.6**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Grand Théâtre de Québec – Repair		03	27.5	2.2	-	2.2	29.7	-	29.7
Total				**27.5**	**2.2**	**-**	**2.2**	**29.7**	**-**	**29.7**

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

In planning

	Name	Note	Region
1	Centre des collections et de conservation – Montréal – Construction		06
2	Musée d'art contemporain de Montréal – Redevelopment		06
3	Théâtre du Nouveau Monde – Montréal – Repair and expansion		06
4	Complexe Culturel – Longueuil – Construction		16
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$74.5 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$1,886.9 M
Sector total			**$1,963.5 M**

Note:
1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

❑ Project withdrawn from the list of published projects in the 2020-2030 QIP

The commissioning of the following infrastructure project in the "Culture" sector has been finalized since the 2019-2029 QIP. Accordingly, this project was withdrawn from the list of projects in progress:

- Théâtre Le Diamant – Québec – Construction (region 03).

2.9 Development of sport

2.9.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	32.5	9.3	7.9	7.9	7.9	65.4	6.0	**71.4**	10.9	**63.5**	8.8
AMD management	-	-	-	-	-	-	-	**-**	-	**-**	-
Replacement	-	-	-	-	-	-	-	**-**	-	**-**	-
Subtotal	32.5	9.3	7.9	7.9	7.9	65.4	6.0	**71.4**	10.9	**63.5**	8.8
Inventory enhancement	67.1	89.2	88.8	77.7	35.8	358.6	223.2	**581.9**	89.1	**654.5**	91.2
Total	**99.6**	**98.5**	**96.7**	**85.6**	**43.7**	**424.1**	**229.2**	**653.3**	**100.0**	**718.0**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Centre multisport – Saguenay – Construction		02	3.3	4.2	-	4.2	7.5	13.3	20.8
2	Centre sportif et communautaire – Mont-Royal – Construction		06	0.8	1.6	0.7	2.2	3.0	27.1	30.1
3	Aréna Raymond-Bourque – Montréal – Repair		06	3.1	4.4	-	4.4	7.5	15.7	23.2
Total				**7.2**	**10.1**	**0.7**	**10.8**	**18.0**	**56.1**	**74.1**

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

In planning

	Name	Note	Region
1	Complexe aquatique et récréatif – Pierrefonds-Roxboro – Construction		06
2	Complexe sportif multifonctionnel – Saint-Jérôme – Construction		15
3	Complexe multisport – Sainte-Catherine – Construction		16
4	Complexe sportif Girardin – Drummondville – Construction		17
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$30.0 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$612.5 M
Sector total			**$653.3 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

2.10 Marine, air, rail and other transportation

2.10.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	316.1	319.1	239.2	272.8	169.4	1.316.6	678.0	**1.994.6**	49.2	**1.270.3**	43.3
AMD management	10.0	19.8	4.7	7.5	5.3	47.4	9.0	**56.4**	1.4	**-**	-
Replacement	19.8	24.2	45.5	28.4	25.8	143.7	10.5	**154.2**	3.8	**145.9**	5.0
Subtotal	345.9	363.1	289.4	308.7	200.6	1.507.7	697.5	**2.205.2**	54.4	**1.416.3**	48.2
Inventory enhancement	241.3	336.5	293.4	263.3	275.9	1.410.3	438.4	**1.848.7**	45.6	**1.519.3**	51.8
Total	**587.2**	**699.6**	**582.8**	**572.0**	**476.5**	**2.918.0**	**1.135.9**	**4.053.9**	**100.0**	**2.935.6**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	MV Saaremaa I Vessel – Rivière-du-Loup–Saint-Siméon ferry – Purchase and repair		01-03	42.2	6.6	-	6.6	48.8	-	48.8
2	Modernization of avionics of the CL-415		03	18.1	0.9	37.2	38.0	56.2	-	56.2
3	Salluit airport terminal and hangar – Construction		10	17.3	10.2	0.6	10.8	28.1	-	28.1
4	Kangiqsujuaq airport terminal and hangar – Construction		10	0.1	0.1	27.1	27.2	27.3	-	27.3
5	Gaspésie railway between Caplan and Port-Daniel–Gascons – Repair and reconstruction	2	11	10.1	28.9	57.9	86.9	96.9	2.0	98.9
6	Gaspésie railway between Matapédia and Caplan – Repair and reconstruction	2	11	16.1	18.6	19.8	38.4	54.5	-	54.5
7	Rest areas and service area – Lavaltrie – Repair		14	1.6	13.5	2.0	15.5	17.1	5.0	22.1
Total				**105.5**	**78.9**	**144.6**	**223.5**	**328.9**	**7.0**	**335.9**

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

In planning (projects of 50 million dollars and more)

	Name	Note	Region
1	MV Joseph-Savard vessel – Île-aux-Coudres–Saint-Joseph-de-la-Rive – Repair and redevelopment	4	03
2	Backup vessel – Central and western Québec – Purchase	4	03-09-12-14-16
3	Railway network, diversion track – Lac-Mégantic – Construction		05
4	Gaspésie railway between Port-Daniel–Gascons and Gaspé – Maintenance and enhancement	3	11
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$348.5 M**

In study (projects of 50 million dollars and more)

	Name	Note	Region
1	Shore-to-shore link between Sorel-Tracy and Saint-Ignace-de-Loyola – Enhancement		14-16
2	Logistics hub – Vaudreuil-Soulanges – Enhancement		16
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**$1.5 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$3,480.4 M
Sector total			**$4,053.9 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

2.11 Tourism and recreational activities

2.11.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	62.3	69.3	41.2	25.3	17.8	215.9	117.2	**333.1**	29.0	**290.2**	26.0
AMD management	41.6	26.3	13.9	10.4	9.2	101.3	31.7	**133.1**	11.6	**157.8**	14.2
Replacement	9.9	12.2	16.7	120.8	51.0	210.6	-	**210.6**	18.3	**222.3**	20.0
Subtotal	113.7	107.8	71.7	156.5	78.1	527.8	149.0	**676.8**	58.9	**670.3**	60.2
Inventory enhancement	166.8	176.2	83.8	25.7	8.0	460.6	11.2	**471.7**	41.1	**444.0**	39.8
Total	**280.5**	**284.1**	**155.5**	**182.2**	**86.1**	**988.4**	**160.1**	**1,148.5**	**100.0**	**1,114.3**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Saint-Félicien Zoo, Centre for the conservation of boreal biodiversity – Construction and purchase		02	17.7	6.7	1.6	8.3	26.0	6.5	32.5
2	Promenade Samuel-De Champlain (Phase III) – Québec City – Construction		03	18.4	62.3	78.7	141.1	159.5	11.6	171.1
3	Docking facilities for international cruise ships – Québec City – Construction and purchase		03	9.9	4.3	0.7	5.1	15.0	15.0	30.0
4	New fire stations – Québec – Repair		03	11.1	3.7	5.2	8.9	20.0	-	20.0
5	Owl's Head tourist station – Construction and purchase		05	2.1	3.8	14.5	18.3	20.4	141.5	161.9
6	Alexandra Pier and terminal – Montréal – Expansion and repair		06	17.0	3.0	-	3.0	20.0	58.0	78.0
7	Parc national d'Opémican – Laniel – Construction		08	22.3	4.8	8.9	13.7	36.0	-	36.0
8	Bromont, mountain adventure – Construction and purchase		16	2.4	2.5	4.7	7.2	9.6	66.1	75.7
9	Granby Zoo – Construction and purchase		16	6.4	2.0	9.6	11.6	18.0	18.0	36.0
10	Parc Safari – Saint-Bernard-de-Lacolle – Construction and purchase		16	5.3	4.9	1.8	6.7	12.0	12.0	24.0
Total				**112.6**	**98.0**	**125.9**	**223.9**	**336.5**	**328.7**	**665.2**

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

In planning

	Name	Note	Region
1	Olympic Stadium, roof – Montréal – Reconstruction		06
2	Olympic Stadium, funicular tower – Montréal – Repair		06
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$226.0 M**

In study (projects of 50 million dollars and more)

	Name	Note	Region
1	Aquarium du Québec predator pavilion – Québec City – Enhancement		03
2	Palais des congrès de Montréal – Enhancement		06
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP (study cost)			**$0.2 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$698.4 M
Sector total			**$1,148.5 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

2.12 Social and community housing

2.12.1 2020-2030 QIP investments

2020-2030 QIP Investments for the Sector
By Type and by Year
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	2020-2030 QIP									2019-2029 QIP	
Investment type	**2020-2021**	**2021-2022**	**2022-2023**	**2023-2024**	**2024-2025**	**Subtotal**	**2025-2026 to 2029-2030 (5 years)**	**Total**	**%**	**Total**	**%**
Inventory maintenance											
Asset maintenance	116.4	84.6	87.1	94.8	102.0	484.9	713.4	**1,198.3**	47.7	**1,033.8**	42.3
AMD management	19.6	57.5	61.1	15.9	17.1	171.3	9.2	**180.5**	7.2	**210.8**	8.6
Replacement	-	-	-	-	-	-	-	**-**	-	**15.1**	0.6
Subtotal	135.9	142.2	148.2	110.8	119.1	656.3	722.6	**1,378.8**	54.9	**1,259.7**	51.6
Inventory enhancement	306.3	287.4	174.8	103.3	79.7	951.5	179.7	**1,131.2**	45.1	**1,182.7**	48.4
Total	**442.2**	**429.5**	**323.1**	**214.1**	**198.9**	**1,607.7**	**902.3**	**2,510.0**	**100.0**	**2,442.4**	**100.0**

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

2.13 Northern development

2.13.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	84.4	87.4	39.4	38.3	35.8	285.3	20.7	**306.0**	33.7	**272.4**	26.7
AMD management	-	-	-	-	-	-	-	**-**	-	**-**	-
Replacement	-	-	-	-	-	-	-	**-**	-	**-**	-
Subtotal	84.4	87.4	39.4	38.3	35.8	285.3	20.7	**306.0**	33.7	**272.4**	26.7
Inventory enhancement	32.5	63.9	73.1	102.8	91.8	364.1	238.0	**602.1**	66.3	**745.9**	73.3
Total	**116.9**	**151.2**	**112.4**	**141.2**	**127.6**	**649.4**	**258.7**	**908.0**	**100.0**	**1,018.3**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Société ferroviaire et portuaire de Pointe-Noire facilities – Redevelopment and construction	2	09	27.0	29.0	24.0	53.0	80.0	100.0	180.0
2	James Bay Road – Nord-du-Québec – Repair		10	86.6	45.9	21.0	66.8	153.5	111.2	264.7
Total				**113.6**	**74.9**	**45.0**	**119.8**	**233.5**	**211.2**	**444.7**

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

In planning

	Name	Note	Region
1	Science Complex at the Institut nordique du Québec – Québec – Construction		03-06-10
2	Road between Schefferville and Kawawachikamach – Repair		09
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$68.3 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$719.9 M
Sector total			**$908.0 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

2.14 Research

2.14.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	-	-	-	-	-	-	-	-	-	-	-
AMD management	-	-	-	-	-	-	-	-	-	-	-
Replacement	-	-	-	-	-	-	-	-	-	**27.4**	2.8
Subtotal	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27.4**	2.8
Inventory enhancement	175.9	184.2	108.8	71.3	85.0	625.1	381.4	**1.006.5**	100.0	**958.4**	97.2
Total	**175.9**	**184.2**	**108.8**	**71.3**	**85.0**	**625.1**	**381.4**	**1.006.5**	**100.0**	**985.8**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Université de Sherbrooke, pavilion for personalized medicine and translational research – Construction		05	0.9	1.8	32.8	34.6	35.5	3.9	39.4
2	Université de Sherbrooke, digital prosperity research equipment – Purchase		05	3.2	11.1	6.2	17.3	20.5	8.0	28.5
3	McGill University – Development of spaces and research equipment – Redevelopment and purchase		06	4.0	16.0	-	16.0	20.0	21.5	41.5
4	École de technologie supérieure, main pavilion – Montréal – Redevelopment		06	0.2	10.7	10.9	21.6	21.8	14.6	36.4
Total				**8.3**	**39.6**	**49.9**	**89.4**	**97.8**	**48.1**	**145.9**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes										$917.1 M
Sector total										**$1,006.5 M**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

❑ Project withdrawn from the list of published projects in the 2020-2030 QIP

The commissioning of the following infrastructure project in the "Research" sector has been finalized since the 2019-2029 QIP. Accordingly, this project was withdrawn from the list of projects in progress:

- École de technologie supérieure, Pavilion D – Montréal – Construction (region 06).

2.15 Environment

2.15.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	4.7	18.6	31.5	58.9	61.9	175.6	366.1	**541.7**	58.2	**154.4**	24.6
AMD management	8.5	6.9	9.1	14.7	5.3	44.5	-	**44.5**	4.8	**77.4**	12.3
Replacement	5.8	8.2	22.1	12.1	9.6	57.7	54.2	**111.9**	12.0	**119.5**	19.0
Subtotal	19.0	33.6	62.7	85.7	76.8	277.8	420.3	**698.1**	75.0	**351.4**	56.0
Inventory enhancement	38.7	48.9	24.7	21.8	21.3	155.4	77.1	**232.5**	25.0	**276.3**	44.0
Total	**57.7**	**82.5**	**87.4**	**107.5**	**98.1**	**433.2**	**497.4**	**930.6**	**100.0**	**627.7**	**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 $20.0 million or more, by degree of progress

In planning

	Name	Note	Region
1	Mathieu-D'Amours dam – Matane – Reconstruction	4	01
2	Quebec City incinerator, steam valorization - Construction	4	03
3	Biomethanization plant – Québec – Construction		03
4	Biomethanization plant – Montréal – Construction		06
5	Biomethanization plant – Laval – Construction		13
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$145.0 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$785.6 M
Sector total			**$930.6 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

❑ Projects withdrawn from the list of published projects in the 2020-2030 QIP

The commissioning of the following infrastructure project in the "Environment" sector has been finalized since the 2019-2029 QIP:

- Biomethanization plant – Varennes – Construction (region 16).

Furthermore, this project is no longer applicable because the City of Longueuil will be serviced by the plant belonging to the City of Varennes:

- Biomethanization plant – Longueuil – Construction (region 16).

Accordingly, these projects were withdrawn from the list of projects in progress.

2.16 Agriculture, forests, fauna and other

2.16.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	37.3	30.7	26.3	17.9	16.8	129.0	79.5	**208.6**	24.7	**193.6**	27.7
AMD management	-	-	-	-	-	-	-	**-**	-	**-**	-
Replacement	2.0	-	-	-	-	2.0	-	**2.0**	0.2	**4.5**	0.6
Subtotal	39.3	30.7	26.3	17.9	16.8	131.0	79.5	**210.6**	24.9	**198.1**	28.3
Inventory enhancement	151.9	72.8	64.5	62.6	47.9	399.8	235.1	**634.9**	75.1	**502.0**	71.7
Total	**191.2**	**103.5**	**90.9**	**80.5**	**64.7**	**530.8**	**314.6**	**845.4**	**100.0**	**700.1**	**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 $20.0 million or more, by degree of progress

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Telecommunications network – Nunavik – Construction		10	28.3	34.3	-	34.3	62.6	63.1	125.7
2	Digital infrastructure – Antoine-Labelle RCM – Construction		15	2.7	10.7	-	10.7	13.4	36.8	50.2
Total				**30.9**	**45.0**	**-**	**45.0**	**76.0**	**99.9**	**175.9**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes										$800.4 M
Sector total										**$845.4 M**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

2.17 Educational childcare services

2.17.1 2020-2030 QIP investments

2020-2030 QIP Investments for the Sector
By Type and by Year
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

	2020-2030 QIP									2019-2029 QIP	
Investment type	**2020-2021**	**2021-2022**	**2022-2023**	**2023-2024**	**2024-2025**	**Subtotal**	**2025-2026 to 2029-2030 (5 years)**	**Total**	**%**	**Total**	**%**
Inventory maintenance											
Asset maintenance	8.7	9.7	10.1	9.0	9.0	46.6	44.9	**91.5**	24.4	**88.8**	22.1
AMD management	-	-	-	-	-	-	-	**-**	-	**-**	-
Replacement	-	-	-	-	-	-	-	**-**	-	**-**	-
Subtotal	8.7	9.7	10.1	9.0	9.0	46.6	44.9	**91.5**	24.4	**88.8**	22.1
Inventory enhancement	54.5	70.0	40.2	30.1	21.0	215.8	67.5	**283.3**	75.6	**313.0**	77.9
Total	**63.2**	**79.8**	**50.3**	**39.1**	**30.0**	**262.4**	**112.4**	**374.8**	**100.0**	**401.8**	**100.0**

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

2.18 Information resources

2.18.1 2020-2030 QIP investments

2020-2030 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	2020-2030 QIP									2019-2029 QIP	
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Subtotal	2025-2026 to 2029-2030 (5 years)	Total	%	Total	%
Inventory maintenance											
Asset maintenance	240.9	222.4	167.9	186.7	186.8	1,004.7	930.0	**1,934.7**	26.2	**2,243.3**	34.1
AMD management	-	-	-	-	-	-	-	**-**	-	**-**	-
Replacement	114.5	98.3	94.5	90.3	51.6	449.1	184.7	**633.8**	8.6	**1,482.8**	22.5
Subtotal	355.4	320.7	262.4	277.1	238.4	1,453.8	1,114.7	**2,568.5**	34.7	**3,726.1**	56.6
Inventory enhancement	548.6	580.0	516.7	675.8	508.4	2,829.5	1,996.2	**4,825.8**	65.3	**2,852.0**	43.4
Total	**904.0**	**900.7**	**779.1**	**952.9**	**746.8**	**4,283.4**	**3,110.9**	**7,394.3**	**100.0**	**6,578.1**[1]	**100.0**

Note: Figures are rounded and the sum of the amounts may not correspond to the total indicated.
1 Before the transfer to the "Information Resources" sector of $779.0 million from the "Health and Social Services" sector and of $50.0 million from the "Higher Education" sector, this amount was set at $5,749.1 million as presented in the 2019-2029 QIP.

2.18.2 Authorized and announced projects of $20.0 million or more, by degree of progress[9]

In progress
(millions of dollars)

	Name	Note	Region	Québec Contribution					Partners' Contribution	Total Cost
				Before 2020-2021	2020-2030 QIP			Total		
					2020-2021	2021-2030	Total			
1	Consolidation of the data processing centres – CSPQ		-	-	17.2	66.2	83.3	83.3	-	83.3
2	Mandatory invoicing Solution Évolutive – Transport rémunéré de personnes – ARQ		-	-	7.0	16.3	23.3	23.3	-	23.3
3	Shared management of service delivery – MTESS		-	-	7.0	34.1	41.0	41.0	-	41.0
4	Système d'information de laboratoire unique - SIL CoreLab – FRISSSS	2	-	-	14.1	44.6	58.7	58.7	-	58.7
Total				**-**	**45.1**	**161.2**	**206.3**	**206.3**	**-**	**206.3**

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

[9] Although investments in the "Information Resources" sector are subject to the *Public Infrastructure Act*, the management of its projects is subject to the *Act respecting the governance and management of the information resources of public bodies and government enterprises*.

In planning

	Name	Note	Region
1	Accès UniQc		-
2	Mandatory invoicing for restaurants and bars (FO-RB) – ARQ		-
3	Modernization of corrections' information systems (DACOR 2.0) – MSP		-
4	Université de Sherbrooke – Projet Véo		-
5	Solution d'affaires en gestion intégrée des ressources (SAGIR) – Phase SGR7 (Payroll system)		-
6	Information system – Financial management and supplying (SI-GFA) – FRISSSS		-
7	Information system – Human resources (SI-GFA) – Human resources – FRISSSS		-
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP			**$309.0 M**
Contribution of the Gouvernement du Québec planned in the 2020-2030 QIP for other projects and envelopes			$6,879.0 M
Sector total			**$7,394.3 M**

1 Infrastructure in partial operation.
2 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "in planning" to "in progress".
3 Since publishing the 2019-2029 QIP, the progress of these projects on the list of published projects changed from the "under study" to "in planning".
4 Since publishing the 2019-2029 QIP, these projects were added to "in planning".
5 Since publishing the 2019-2029 QIP, these projects were added to "under study".

More information regarding the information resource projects is presented in the Government's online Tableau de bord sur l'état de santé des projets en ressources informationnelles.[10]

[10] Website: https://www.tableaudebordprojetsri.gouv.qc.ca/tableau-de-bord/

3. Update of planned investments for 2019-2020

Probable Investments for 2019-2020

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

Mission and sector		Inventory maintenance				Inventory enhancement	Subtotal	Adjust-ment[1]	Total	Probable completion rate[2]
		Asset maintenance	AMD management	Repla-cement	Sub-total	Addition and improvement				
Health and Social Services										
Health and social services	**Planned[3]**	172.7	73.7	266.2	512.5	789.9	1,302.5	-	**1,302.5**	122.4%
	Probable	275.1	107.1	426.8	809.0	773.5	1,582.5	12.0	**1,594.5**	
Education and Culture										
Education	**Forecast**	394.9	167.2	35.2	597.3	719.3	1,316.6	-	**1,316.6**	105.2%
	Probable	490.1	139.4	34.5	663.9	720.9	1,384.8	-	**1,384.8**	
Higher education	**Forecast[4]**	448.3	169.2	159.2	776.7	217.1	993.7	-	**993.7**	109.3%
	Probable	478.9	180.6	160.4	819.9	212.9	1,032.8	53.7	**1,086.5**	
Culture	**Forecast**	67.6	16.0	35.3	118.9	48.6	167.5	-	**167.5**	110.8%
	Probable	91.1	18.7	34.7	144.5	37.2	181.7	3.9	**185.6**	
Development of sport	**Forecast**	34.4	-	-	34.4	67.6	102.0	-	**102.0**	95.2%
	Probable	29.6	-	-	29.6	67.4	97.1	-	**97.1**	
Economy and Environment										
Road network	**Forecast**	402.5	1,009.8	397.6	1,809.9	556.1	2,366.0	-	**2,366.0**	107.9%
	Probable	705.2	921.1	486.6	2,113.0	439.3	2,552.3	-	**2,552.3**	
Public transit	**Forecast**	97.5	-	208.5	306.0	736.1	1,042.1	-	**1,042.1**	90.5%
	Probable	149.7	-	251.5	401.2	541.8	943.0	-	**943.0**	
Marine, air, rail and other transportation	**Forecast**	210.3	-	26.3	236.5	272.6	509.2	-	**509.2**	119.7%
	Probable	339.4	-	5.9	345.2	264.0	609.3	-	**609.3**	
Municipalities	**Forecast**	265.6	-	103.0	368.6	224.0	592.6	-	**592.6**	99.9%
	Probable	156.8	-	163.0	319.8	272.3	592.1	-	**592.1**	
Tourism and recreational activities	**Forecast**	46.9	35.7	12.4	95.1	219.6	314.7	-	**314.7**	78.9%
	Probable	88.3	34.8	8.9	132.0	116.4	248.3	-	**248.3**	
Social and community housing	**Forecast**	118.4	25.0	15.1	158.5	204.5	363.1	-	**363.1**	111.9%
	Probable	122.7	20.6	19.1	162.4	243.7	406.1	-	**406.1**	
Northern development	**Forecast**	70.0	-	-	70.0	70.0	140.0	-	**140.0**	53.9%
	Probable	54.3	-	-	54.3	21.1	75.4	-	**75.4**	
Research	**Forecast**	-	-	16.5	16.5	132.7	149.2	-	**149.2**	81.3%
	Probable	-	-	-	-	121.3	121.3	-	**121.3**	
Environment	**Forecast**	2.7	7.8	9.4	19.9	43.8	63.7	-	**63.7**	53.9%
	Probable	1.0	7.6	2.6	11.2	23.1	34.3	-	**34.3**	
Agriculture, forests, fauna and other	**Forecast**	29.2	-	2.5	31.7	95.6	127.3	-	**127.3**	157.8%
	Probable	21.9	-	2.5	24.4	176.6	201.0	-	**201.0**	
Support for Individuals and Families										
Educational childcare services	**Forecast**	8.1	-	-	8.1	27.9	36.0	-	**36.0**	83.1%
	Probable	8.6	-	-	8.6	21.3	29.9	-	**29.9**	
Administration and Justice										
Government administration	**Forecast**	161.4	7.1	43.4	211.9	376.9	588.8	-	**588.8**	78.3%
	Probable	130.5	3.3	29.0	162.8	298.4	461.2	-	**461.2**	
Information resources	**Forecast[5]**	263.3	-	200.3	463.6	377.9	841.5	-	**841.5**	92.6%
	Probable	155.7	-	57.5	213.3	566.3	779.6	-	**779.6**	
Central envelope	**Forecast**	5.0	-	-	5.0	5.0	10.0	-	**10.0**	-
	Probable	-	-	-	-	-	-	-	**-**	
Total	**Forecast**	**2,798.9**	**1,511.5**	**1,530.8**	**5,841.2**	**5,185.2**	**11,026.4**	**-**	**11,026.4**	**103.4%**
	Probable	**3,298.9**	**1,433.2**	**1,682.9**	**6,415.0**	**4,917.8**	**11,332.8**	**69.5**	**11,402.3**	

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

1 The investments presented for 2019-2020 were standardized on the same bases.

2 A probable completion rate of over 100% may be explained by work that is ahead of schedule or being completed at a faster rate than anticipated.

3 Taking into account the amount of $49.6 million from the "Health and Social Services" sector transferred to the "Information Resources" sector, this amount was set at $1,352.0 million, as presented in the 2019-2029 QIP.

4 Taking into account the amount of $5.0 million from the "Higher Education" sector transferred to the "Information Resources" sector, this amount was set at $998.7 million, as presented in the 2019-2029 QIP.

5 Before the transfer of $49.6 million and $5.0 million, this amount was set at $786.9 million, as presented in the 2019-2029 QIP.

4. Report on investments made in 2018-2019

Investments Made in 2018-2019

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

Mission and sector		Inventory maintenance				Inventory enhancement	Subtotal	Adjust-ment[1]	Total	Completion rate[2]
		Asset maintenance	AMD management	Repla-cement	Sub-total	Addition and improvement				
Health and Social Services										
Health and social services	**Probable[3]**	106.1	27.6	217.8	351.5	693.0	1,044.5	370.5	**1,415.0**	101.2%
	Actual	142.3	38.1	192.7	373.1	587.1	960.2	471.2	**1,431.4**	
Education and Culture										
Education	**Probable**	344.8	219.5	8.1	572.5	406.1	978.6	41.6	**1,020.2**	127.0%
	Actual	585.1	229.7	23.1	837.9	416.0	1,253.9	41.6	**1,295.5**	
Higher education	**Probable[4]**	410.0	145.3	161.2	716.5	167.3	883.8	68.1	**951.9**	69.5%
	Actual	252.5	117.5	154.6	524.6	74.3	598.9	62.8	**661.8**	
Culture	**Probable**	70.8	16.3	32.8	120.0	58.1	178.1	11.0	**189.1**	98.3%
	Actual	71.0	20.7	33.3	125.0	52.0	177.0	8.8	**185.8**	
Development of sport	**Probable**	24.0	-	-	24.0	26.0	50.0	-	**50.0**	83.8%
	Actual	22.5	-	-	22.5	19.4	41.9	-	**41.9**	
Economy and Environment										
Road network	**Probable**	462.3	1,095.3	430.3	1,987.9	404.6	2,392.5	-	**2,392.5**	92.7%
	Actual	512.9	818.2	442.3	1,773.4	443.2	2,216.7	-	**2,216.7**	
Public transit	**Probable**	147.9	-	400.6	548.5	376.1	924.6	-	**924.6**	76.2%
	Actual	139.5	-	365.6	505.1	199.2	704.3	-	**704.3**	
Marine, air, rail and other transportation	**Probable**	153.7	-	244.7	398.4	133.3	531.7	-	**531.7**	80.2%
	Actual	67.2	-	235.4	302.6	123.6	426.2	-	**426.2**	
Municipalities	**Probable**	191.6	-	185.0	376.7	328.8	705.4	-	**705.4**	91.1%
	Actual	199.4	-	170.4	369.9	272.6	642.5	-	**642.5**	
Tourism and recreational activities	**Probable**	71.3	21.5	2.7	95.5	98.7	194.2	-	**194.2**	73.7%
	Actual	47.7	19.7	2.8	70.2	73.1	143.2	-	**143.2**	
Social and community housing	**Probable**	116.3	24.6	7.0	147.9	177.5	325.5	-	**325.5**	68.7%
	Actual	123.4	22.4	7.0	152.9	70.7	223.5	-	**223.5**	
Northern development	**Probable**	27.7	-	-	27.7	27.1	54.8	-	**54.8**	65.8%
	Actual	22.7	-	-	22.7	13.4	36.0	-	**36.0**	
Research	**Probable**	-	-	2.2	2.2	157.3	159.5	1.0	**160.6**	94.2%
	Actual	-	-	-	-	150.1	150.1	1.0	**151.2**	
Environment	**Probable**	0.4	24.5	4.4	29.2	24.6	53.8	-	**53.8**	84.2%
	Actual	1.6	22.6	2.9	27.1	18.2	45.4	-	**45.4**	
Agriculture, forests, fauna and other	**Probable**	12.2	-	2.5	14.7	99.0	113.7	-	**113.7**	82.4%
	Actual	10.1	-	2.5	12.6	81.0	93.6	-	**93.6**	
Support for Individuals and Families										
Educational childcare services	**Probable**	9.9	-	-	9.9	20.3	30.3	-	**30.3**	55.1%
	Actual	6.5	-	-	6.5	10.2	16.7	-	**16.7**	
Administration and Justice										
Government administration	**Probable**	82.6	2.2	25.9	110.8	285.3	396.0	-	**396.0**	73.6%
	Actual	61.8	1.6	19.2	82.6	208.7	291.3	-	**291.3**	
Information resources	**Probable[5]**	218.5	-	252.7	471.2	387.8	859.0	5.0	**864.0**	61.5%
	Actual	115.4	-	21.7	137.1	394.2	531.3	-	**531.3**	
Central envelope	**Probable**	-	-	-	-	-	-	-	**-**	-
	Actual	-	-	-	-	-	-	-	**-**	
Total	**Probable**	**2,450.1**	**1,576.9**	**1,978.0**	**6,005.0**	**3,871.0**	**9,876.0**	**497.3**	**10,373.4**	**88.1%**
	Actual	**2,381.7**	**1,290.4**	**1,673.6**	**5,345.6**	**3,207.1**	**8,552.8**	**585.4**	**9,138.2**	

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

1 The investments presented for 2018-2019 were standardized on the same bases. In the 2019-2029 QIP, a probable amount of $10.4 billion was planned for 2018-2019, after adjustment for standardization on the same bases. Before adjustment, an amount of $9.9 billion had been foreseen.

2 A completion rate of over 100% may be explained by work that is ahead of schedule or being completed at a faster rate than anticipated.

3 Taking into account the amount of $24.4 million from the "Health and Social Services" sector transferred to the "Information Resources" sector, this amount was set at $1,439.5 million, as presented in the 2019-2029 QIP.

4 Taking into account the amount of $5.3 million from the "Higher Education" sector transferred to the "Information Resources" sector, this amount was set at $957.2 million, as presented in the 2019-2029 QIP.

5. Before the transfer to the "Information Resources" sector of $24.4 million and $5.3 million, this amount was set at $834.3 million as presented in the 2019-2029 QIP.

Appendix 1 – Investments made in 2018-2019 in relation to those planned for this year in the 2018-2028 QIP

Investments Made in 2018-2019
in relation to those planned for this year in the 2018-2028 QIP

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

Mission and sector		Inventory maintenance				Inventory enhancement	Subtotal	Adjust-ment[1]	Total	Completion rate[2]
		Asset maintenance	AMD management	Repla-cement	Sub-total	Addition and improvement				
Health and Social Services										
Health and social services	**Planned[3]**	96.7	87.0	299.9	483.6	763.5	**1,247.2**	-	**1,247.2**	114.8%
	Actual	142.3	38.1	192.7	373.1	587.1	**960.2**	471.2	**1,431.4**	
Education and Culture										
Education	**Forecast[4]**	396.8	210.3	11.1	618.2	322.9	**941.1**	-	**941.1**	137.7%
	Actual	585.1	229.7	23.1	837.9	416.0	**1,253.9**	41.6	**1,295.5**	
Higher education	**Planned[5]**	329.3	126.7	165.5	621.4	75.1	**696.5**	-	**696.5**	95.0%
	Actual	252.5	117.5	154.6	524.6	74.3	**598.9**	62.8	**661.8**	
Culture	**Planned[6]**	70.0	23.1	31.9	125.0	60.0	**184.9**	-	**184.9**	100.5%
	Actual	71.0	20.7	33.3	125.0	52.0	**177.0**	8.8	**185.8**	
Development of sport	**Forecast**	40.2	-	-	40.2	32.2	**72.3**	-	**72.3**	57.9%
	Actual	22.5	-	-	22.5	19.4	**41.9**	-	**41.9**	
Economy and Environment										
Road network	**Forecast**	328.2	1,098.8	371.0	1,797.9	387.9	**2,185.8**	-	**2,185.8**	101.4%
	Actual	512.9	818.2	442.3	1,773.4	443.2	**2,216.7**	-	**2,216.7**	
Public transit	**Forecast**	213.7	-	319.2	532.9	563.6	**1,096.4**	-	**1,096.4**	64.2%
	Actual	139.5	-	365.6	505.1	199.2	**704.3**	-	**704.3**	
Marine, air, rail and other transportation	**Forecast**	185.5	-	35.1	220.5	282.3	**502.8**	-	**502.8**	84.8%
	Actual	67.2	-	235.4	302.6	123.6	**426.2**	-	**426.2**	
Municipalities	**Forecast**	210.7	48.2	139.3	398.1	386.1	**784.3**	-	**784.3**	81.9%
	Actual	199.4	-	170.4	369.9	272.6	**642.5**	-	**642.5**	
Tourism and recreational activities	**Forecast**	68.7	31.7	1.2	101.6	131.0	**232.7**	-	**232.7**	61.6%
	Actual	47.7	19.7	2.8	70.2	73.1	**143.2**	-	**143.2**	
Social and community housing	**Forecast**	111.4	29.8	0.4	141.7	132.6	**274.3**	-	**274.3**	81.5%
	Actual	123.4	22.4	7.0	152.9	70.7	**223.5**	-	**223.5**	
Northern development	**Forecast**	52.6	-	-	52.6	52.7	**105.3**	-	**105.3**	34.2%
	Actual	22.7	-	-	22.7	13.4	**36.0**	-	**36.0**	
Research	**Forecast**	-	-	5.2	5.2	148.3	**153.5**	-	**153.5**	98.5%
	Actual	-	-	-	-	150.1	**150.1**	1.0	**151.2**	
Environment	**Forecast**	2.4	12.6	5.3	20.3	15.9	**36.2**	-	**36.2**	125.3%
	Actual	1.6	22.6	2.9	27.1	18.2	**45.4**	-	**45.4**	
Agriculture, forests, fauna and other	**Forecast**	27.2	-	2.5	29.7	97.8	**127.5**	-	**127.5**	73.5%
	Actual	10.1	-	2.5	12.6	81.0	**93.6**	-	**93.6**	
Support for Individuals and Families										
Educational childcare services	**Forecast**	6.0	-	-	6.0	48.7	**54.7**	-	**54.7**	30.5%
	Actual	6.5	-	-	6.5	10.2	**16.7**	-	**16.7**	
Administration and Justice										
Government administration	**Forecast**	184.9	17.4	36.0	238.3	386.9	**625.2**	-	**625.2**	46.6%
	Actual	61.8	1.6	19.2	82.6	208.7	**291.3**	-	**291.3**	
Information resources	**Planned[7]**	168.6	-	56.0	224.5	474.0	**698.6**	-	**698.6**	76.1%
	Actual	115.4	-	21.7	137.1	394.2	**531.3**	-	**531.3**	
Central envelope	**Forecast**	5.0	-	-	5.0	5.0	**10.0**	-	**10.0**	-
	Actual	-	-	-	-	-	**-**	-	**-**	
Total	**Forecast**	**2,497.7**	**1,685.7**	**1,479.5**	**5,662.9**	**4,366.3**	**10,029.2**	**-**	**10,029.2**	**91.1%**
	Actual	**2,381.7**	**1,290.4**	**1,673.6**	**5,345.6**	**3,207.1**	**8,552.8**	**585.4**	**9,138.2**	

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

1 The investments presented for 2018-2019 were standardized on the same bases.
2 A completion rate of over 100% may be explained by work that is ahead of schedule or being completed at a faster rate than anticipated.
3 Taking into account the amount of $54.8 million from the "Health and Social Services" sector transferred to the "Information Resources" sector, this amount was set at $1,301.9 million, as presented in the 2019-2029 QIP.
4 The education network's information resources investments of $84.2 million were presented separately from the "Education" sector in the 2018-2028 QIP.
5 The higher education networks' information resources investments of $110.4 million were presented separately form the "Higher Education" sector in the 2018-2028 QIP, to which $5.3 million is added.
6 Taking into account the amount of $8.6 million from the "Culture" sector transferred to the "Information Resources" sector, this amount was set at $193.9 million, as presented in the 2018-2028 QIP.
7 Before the transfer to "Information Resources" sector of $263.3 million (54.8 + 84.2 + 110.4 + 5.3 + 8.6) from the "Health and Social Services," "Education," "Higher Education" and "Culture" sectors, this amount was set at $435.3 million as presented in the 2018-2028 QIP.

Appendix 2 – History of investments made compared to those planned for 2015-2016 to 2018-2019

History of Investments Made compared to those planned for 2015-2016 to 2018-2019

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

Mission and sector	2015-2016 (2015-2025 QIP)			2016-2017 (2016-2026 QIP)		
	Forecast	Actual	%	Forecast	Actual	%
Health and Social Services						
Health and social services[1, 2]	1,425.9	1,424.2	99.9	1,180.2	1,032.1	87.5
Education and Culture						
Education[1, 2]	1,296.2	1,065.4	82.2	1,483.3	1,290.8	87.0
Higher education[1, 2]	357.4	489.1	136.8	542.4	490.7	90.5
Culture[1, 2]	212.7	224.4	105.5	223.6	182.3	81.5
Development of sport	66.0	45.7	69.2	59.8	43.2	72.2
Economy and Environment						
Road network	2,342.7	2,032.7	86.8	2,042.2	1,920.5	94.0
Public transit	948.1	457.8	48.3	1,133.7	644.1	56.8
Marine, air, rail and other transportation	365.3	352.7	96.6	366.6	184.8	50.4
Municipalities	709.7	567.0	79.9	623.6	489.4	78.5
Tourism and recreational activities	112.6	94.8	84.2	160.3	93.0	58.0
Social and community housing	285.1	241.8	84.8	278.2	164.5	59.1
Northern development	112.0	140.3	125.3	92.5	86.7	93.7
Research	94.3	70.1	74.3	114.1	99.9	87.6
Environment	57.9	31.4	54.2	72.8	58.4	80.2
Agriculture, forests, fauna and other	35.0	11.9	34.0	34.2	44.4	129.8
Support for Individuals and Families						
Educational childcare services	80.7	59.4	73.6	75.8	33.6	44.3
Administration and Justice						
Government administration	691.4	512.0	74.1	463.1	317.8	68.6
Information resources[1, 2]	657.3	380.1	57.8	640.0	352.2	55.0
Central envelope[3]	61.1	-	-	10.0	-	-
Total	**9,911.5**	**8,200.8**	**82.7**	**9,596.3**	**7,528.4**	**78.5**

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 basis.

2 For purposes of comparison with the years 2018-2019, investments in information resources of the health and social services network, the Health and Social Services Information Resources Fund (FRISSSS), the education and higher education networks, and state-owned cultural enterprises were reclassified to the "Information Resources" sector.

3 See section 1.3 in the section A.

2017-2018 (2017-2027 QIP)			2018 2019 (2018-2028 QIP)			Average 2015-2016 to 2018-2019		
Forecast	Actual	%	Forecast	Actual	%	Forecast	Actual	%
1,343.8	1,136.9	84.6	1,247.2	1,431.4	114.8	1,299.3	1,256.2	96.7
1,158.2	1,240.5	107.1	941.1	1,295.5	137.7	1,219.7	1,223.1	100.3
696.7	566.1	81.3	696.5	661.8	95.0	573.3	551.9	96.3
146.0	160.8	110.1	184.9	185.8	100.5	191.8	188.3	98.2
81.5	50.0	61.3	72.3	41.9	58.0	69.9	45.2	64.7
2,159.4	1,796.7	83.2	2,185.8	2,216.7	101.4	2,182.5	1,991.6	91.3
825.9	887.4	107.4	1,096.4	704.3	64.2	1,001.0	673.4	67.3
321.5	228.3	71.0	502.8	426.2	84.8	389.1	298.0	76.6
800.3	768.7	96.1	784.3	642.5	81.9	729.5	616.9	84.6
177.8	152.0	85.5	232.7	143.2	61.5	170.9	120.8	70.7
253.1	177.8	70.2	274.3	223.5	81.5	272.7	201.9	74.0
68.1	44.4	65.2	105.3	36.0	34.2	94.5	76.9	81.4
174.0	126.1	72.5	153.5	151.2	98.5	134.0	111.8	83.5
51.2	33.8	65.9	36.2	45.4	125.3	54.5	42.2	77.4
95.0	50.5	53.1	127.5	93.6	73.4	72.9	50.1	68.7
80.2	26.2	32.7	54.7	16.7	30.5	72.9	34.0	46.6
506.3	233.3	46.1	625.2	291.3	46.6	571.5	338.6	59.3
636.5	566.2	89.0	698.6	531.3	76.1	658.1	457.4	69.5
48.0	-	-	10.0	-	-	32.3	-	-
9,623.5	**8,245.6**	**85.7**	**10,029.2**	**9,138.2**	**91.1**	**9,790.1**	**8,278.3**	**84.6**

Appendix 3 – History of investment levels planned in the Québec Infrastructure Plan

History of Investment levels planned in the QIP

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

Mission and sector	2013-2023 QIP	2014-2024 QIP	2015-2025 QIP	2016-2026 QIP
Health and Social Services				
Health and social services[1, 2]	18,632.0	16,257.5	13,795.5	13,994.6
Education and Culture				
Education[3]	7,440.3	7,315.4	8,077.7	8,253.3
Higher education[3]	4,951.8	4,884.5	5,291.9	5,756.9
Culture[4]	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[1, 2, 3, 4]	5,542.1	4,865.2	5,125.3	5,166.8
Central envelope[5]	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 purposes of comparison with the 2020-2030 QIP, investments in information resources of the health and social services networks planned for the 2013-2023 to 2019-2029 QIPs have been reclassified to the "Information Resources" sector.

2 For purposes of comparison with the 2019-2029 QIP, investments in information resources of the Health and Social Services Information Resources Fund (FRISSSS) planned for the 2013-2023 to 2018-2028 QIPs had been reclassified to the "Information Resources" sector.

3 For purposes of comparison with the 2019-2029 QIP, investments in information resources of the education and higher education networks planned for the 2013-2023 to 2018-2028 QIPs had been reclassified to the "Information Resources" sector.

4 For purposes of comparison with the 2019-2029 and 2020-2030 QIPs, investments in information resources of state-owned cultural enterprises planned for the 2013-2023 to 2018-2028 QIPs were reclassified to the "Information Resources" sector.

5 See section 1.3 in the section A.

2017-2027 QIP	2018-2028 QIP	2019-2029 QIP	2020-2030 QIP
16,318.6	17,812.1	19,407.4	20,462.6
8,175.7	8,972.7	13,889.2	19,150.3
5,916.1	6,090.7	6,325.6	6,323.4
1,468.4	1,515.2	1,575.6	1,963.5
392.5	468.2	718.0	653.3
17,901.0	20,027.5	24,580.0	26,832.1
7,059.9	9,002.4	9,040.3	13,581.2
2,654.3	3,089.8	2,935.6	4,053.9
7,003.9	7,296.4	7,216.7	7,536.5
769.4	1,001.3	1,114.3	1,148.5
2,082.5	2,320.1	2,442.4	2,510.0
826.2	823.1	1,018.3	908.0
863.9	917.3	985.8	1,006.5
574.0	577.8	627.7	930.6
561.2	706.7	700.1	845.4
529.8	456.5	401.8	374.8
3,719.9	3,872.5	3,881.0	3,919.6
5,507.2	5,548.9	6,578.1	7,394.3
8,775.4	9,900.9	11,962.1	10,905.4
91,100.0	**100,400.0**	**115,400.0**	**130,500.0**

Appendix 4 – Investments by mission, sector, type and by administrative region

2020-2030 QIP Investments
by Mission, Sector, Type and by Administrative Region
(contribution of the Gouvernement du Québec, in millions of dollars and as a percentage)

Mission and sector / Region[1]		01	02	03	04	05	06	07	08
Health and Social Services									
Health and social services	Inventory maintenance	270.3	316.7	1,350.9	419.8	391.9	3,724.7	244.2	190.6
	Inventory enhancement	178.5	196.6	2,263.5	190.6	361.1	2,022.8	316.1	233.1
Education and Culture									
Education	Inventory maintenance	402.5	599.2	1,085.6	457.4	526.2	3,364.9	584.3	324.7
	Inventory enhancement	56.2	56.6	294.3	54.7	61.9	1,837.7	197.4	22.4
Higher education	Inventory maintenance	110.2	148.8	778.4	176.5	386.7	2,702.2	159.0	61.3
	Inventory enhancement	5.1	18.9	33.9	12.4	22.0	337.8	7.8	13.6
Culture	Inventory maintenance	37.6	41.8	174.7	48.7	46.3	476.8	31.0	15.8
	Inventory enhancement	19.8	23.6	61.1	13.3	15.1	313.0	26.8	6.9
Development of sport	Inventory maintenance	7.0	2.3	4.4	2.0	2.5	20.9	1.9	1.1
	Inventory enhancement	13.9	21.4	52.3	16.7	23.6	142.2	24.1	10.0
Economy and Environment									
Road network	Inventory maintenance	479.7	540.1	2,276.1	795.2	400.6	8,712.9	399.6	410.1
	Inventory enhancement	626.2	344.8	142.1	75.2	97.5	655.4	217.3	71.7
Public transit	Inventory maintenance	-	38.9	93.3	7.2	89.3	2,519.5	103.4	-
	Inventory enhancement	-	25.5	2,149.4	53.7	32.0	6,598.9	472.3	0.5
Marine, air, rail and other transportation	Inventory maintenance	74.5	70.2	167.5	51.3	97.0	333.2	54.0	22.1
	Inventory enhancement	41.0	31.0	804.5	39.6	83.4	276.9	63.7	9.6
Municipalities	Inventory maintenance	156.2	198.0	573.9	154.8	239.2	1,686.3	289.1	129.2
	Inventory enhancement	22.7	16.7	37.7	23.0	22.2	70.9	23.1	17.3
Tourism and recreational activities	Inventory maintenance	12.8	31.7	86.8	2.2	7.6	418.2	25.4	2.1
	Inventory enhancement	6.9	28.2	186.4	6.8	27.7	59.2	16.1	16.6
Social and community housing	Inventory maintenance	46.9	63.4	121.3	46.9	37.2	377.4	56.5	24.8
	Inventory enhancement	41.2	31.2	137.9	18.4	30.8	498.7	37.4	14.8
Northern development	Inventory maintenance	-	-	-	-	-	-	-	-
	Inventory enhancement	-	-	26.4	-	-	-	-	-
Research	Inventory maintenance	-	-	-	-	-	-	-	-
	Inventory enhancement	17.3	28.1	86.0	29.4	128.3	278.5	33.7	12.9
Environment	Inventory maintenance	47.4	59.4	373.8	11.7	20.6	12.4	5.4	38.1
	Inventory enhancement	2.3	3.2	32.5	3.1	3.6	74.1	4.3	1.7

09	10	11	12	13	14	15	16	17	Outside Québec	Total
188.5	89.0	162.4	337.9	209.0	251.0	445.5	795.1	28.3	-	**9,415.9**
109.3	452.2	153.3	289.9	173.6	705.5	545.7	2,594.6	260.3	-	**11,046.6**
220.6	115.0	203.1	611.6	609.5	671.6	824.7	2,396.4	587.8	-	**13,585.0**
14.3	121.4	15.3	107.4	515.5	363.7	425.9	1,216.6	204.1	-	**5,565.2**
31.5	13.2	29.0	133.9	149.3	157.6	187.3	483.2	79.0	-	**5,787.1**
1.7	0.7	1.5	7.1	14.0	8.3	9.9	26.8	14.8	-	**536.3**
14.5	2.7	20.8	40.7	30.4	47.1	39.2	119.1	32.2	-	**1,219.6**
7.3	5.1	12.6	11.4	64.4	22.6	24.0	94.4	22.8	-	**743.9**
0.7	0.5	1.0	5.7	2.6	2.6	4.0	9.9	2.5	-	**71.4**
6.0	2.7	11.4	29.9	26.3	30.4	44.0	101.1	25.8	-	**581.9**
706.9	101.1	473.7	801.4	545.7	593.4	908.3	3,534.1	596.3	-	**22,275.1**
402.8	8.8	132.5	456.1	141.4	246.6	121.1	768.5	48.9	-	**4,557.0**
-	-	-	63.0	149.7	-	-	150.8	-	-	**3,215.1**
0.5	0.5	-	129.6	297.4	91.5	43.9	469.3	1.0	-	**10,366.1**
69.2	146.8	352.1	182.5	56.8	93.9	80.5	304.4	49.2	-	**2,205.2**
116.0	50.0	4.9	32.0	11.0	33.8	14.7	142.4	94.1	-	**1,848.7**
75.0	41.2	69.0	527.6	391.7	339.5	491.5	1,328.8	169.5	-	**6,860.5**
21.8	157.2	18.6	52.8	15.3	23.8	31.4	105.7	15.7	-	**675.9**
3.1	0.4	3.2	2.4	2.3	4.8	36.8	14.6	22.3	-	**676.8**
4.1	0.9	4.6	9.4	7.4	9.3	25.2	51.0	12.0	-	**471.7**
24.8	248.2	26.2	43.9	29.4	28.1	38.0	125.0	40.7	-	**1,378.8**
10.1	3.4	22.9	41.5	27.7	30.8	41.6	121.7	21.2	-	**1,131.2**
167.2	138.7	-	-	-	-	-	-	-	-	**306.0**
341.8	233.8	-	-	-	-	-	-	-	-	**602.1**
-	-	-	-	-	-	-	-	-	-	**-**
8.6	3.6	25.6	45.7	36.5	55.0	64.8	131.8	20.8	-	**1,006.5**
14.3	3.4	9.7	48.3	2.9	9.9	24.7	12.4	3.6	-	**698.1**
1.1	0.5	1.4	4.7	38.1	5.5	6.5	47.3	2.7	-	**232.5**

2020-2030 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)

Mission and sector / Region[1]		01	02	03	04	05	06	07	08
Agriculture, forests, fauna and other	Inventory maintenance	42.3	19.3	26.3	12.3	6.0	-	8.9	13.0
	Inventory enhancement	38.1	33.4	219.7	21.5	8.8	51.5	17.7	23.7
Support for Individuals and Families									
Educational childcare services	Inventory maintenance	2.1	3.0	8.1	2.9	3.6	22.2	4.4	1.7
	Inventory enhancement	6.7	9.3	24.1	8.9	11.9	69.3	12.7	5.9
Support for Individuals and Families									
Government administration	Inventory maintenance	23.3	31.8	658.7	51.9	36.3	494.1	43.9	15.2
	Inventory enhancement	37.6	91.1	519.4	34.5	61.4	533.8	51.7	18.7
Information resources	Inventory maintenance	59.8	84.7	233.9	82.2	100.1	664.7	120.7	43.6
	Inventory enhancement	107.8	153.7	423.2	147.9	180.3	1,234.8	217.3	78.6
Subtotal		2,993.9	3,362.7	15,508.3	3,072.5	3,562.5	40,586.1	3,871.1	1,851.4
As a percentage		2.5	2.8	13.0	2.6	3.0	33.9	3.2	1.5
Central envelope (not broken down)[2]	Inventory maintenance								
	Inventory enhancement								
Total		**2,993.9**	**3,362.7**	**15,508.3**	**3,072.5**	**3,562.5**	**40,586.1**	**3,871.1**	**1,851.4**

1. The sectoral investment envelopes that do not include a special project were distributed among the various regions, based on the proportion of the each region's population divided by that of Québec as a whole.
2. See section 1.3 in the 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
15.5	3.7	12.8	0.9	-	6.4	4.2	39.0	-	-	**210.6**
17.2	50.6	6.4	10.8	10.9	15.1	24.4	79.0	6.1	-	**634.9**
1.0	0.7	1.0	4.6	4.6	5.4	6.4	16.6	3.1	-	**91.5**
3.3	2.6	3.2	13.9	14.2	17.8	20.4	51.1	7.9	-	**283.3**
25.8	3.2	68.5	69.7	78.6	39.3	62.2	143.9	33.4	27.2	**1,907.1**
23.3	59.8	17.9	58.1	51.0	56.5	66.9	299.9	26.8	4.0	**2,012.5**
30.5	14.1	28.2	131.7	133.5	156.9	187.4	479.5	74.5	2.9	**2,629.0**
54.7	23.3	50.9	237.2	240.4	282.5	337.5	860.3	134.1	1.0	**4,765.3**
2,733.0	2,099.2	1,943.4	4,543.6	4,081.2	4,406.3	5,188.6	17,114.3	2,641.4	35.1	**119,594.6**
2.3	1.8	1.6	3.8	3.4	3.7	4.3	14.3	2.2	0.0	**100.0**
										2,815.1
										8,090.3
2,733.0	**2,099.2**	**1,943.4**	**4,543.6**	**4,081.2**	**4,406.3**	**5,188.6**	**17,114.3**	**2,641.4**	**35.1**	**130,500.0**

Section C

Report on the Condition of Public Infrastructure

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1. A Long-Term Vision of Government Investments

To assess and continually monitor the condition of the public infrastructure inventory and the asset maintenance deficit (AMD), the Government has developed a government condition indicator (GCI) to establish and plan investment priorities in order to protect infrastructure durability.

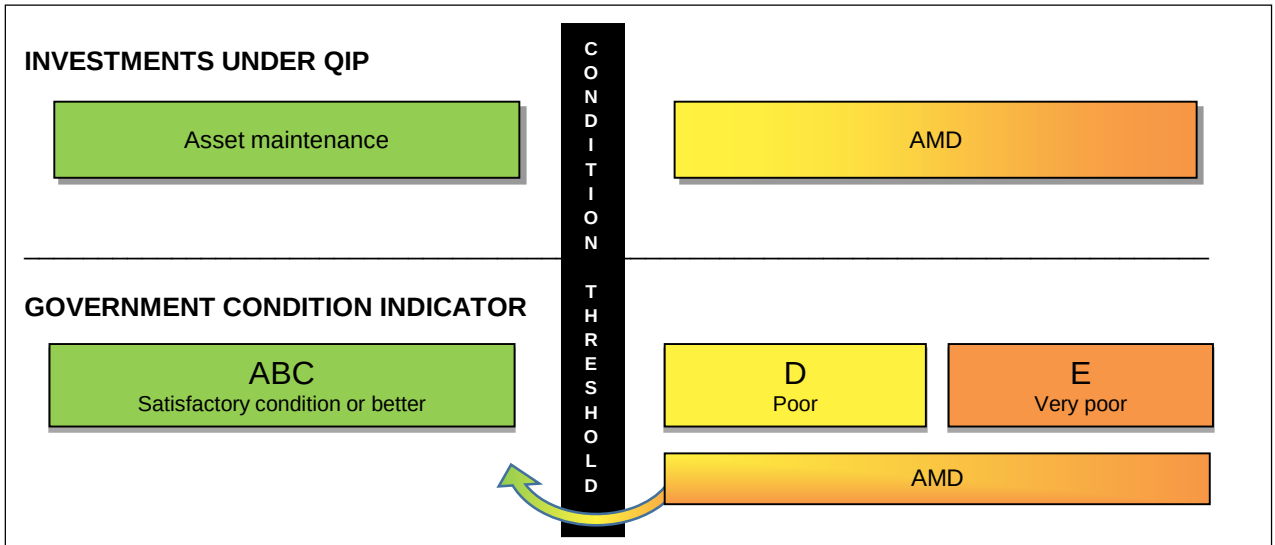
The indicator, which is based on best infrastructure investment management practices, provides a comprehensive, comparative and relative basis for assessing the condition of various categories of infrastructure. The primary basis is quantitative, that is, an evaluation of the investment required in the next five years for each existing infrastructure. This is then combined with a risk management factor based on the service potential of the infrastructure. The GCI guides the level of recurring investment required to maintain the QIP inventory.

The GCI comprises 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 the 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 degradation 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 degradation 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 as needed.
Condition threshold		
D	**Poor**	The infrastructure shows a high level of degradation and defect. It requires significant, and sometimes urgent, asset maintenance work. Generally, the infrastructure has surpassed its useful life. Interruptions or service slowdowns occur often. Significant risk mitigation measures are implemented as needed.
E	**Very poor**	The infrastructure shows a very high level of degradation and defect. It requires very significant, and often urgent, asset maintenance work. Generally, the infrastructure has clearly surpassed its useful life. Interruptions and service slowdowns occur very often. Very significant risk mitigation measures are implemented.

The AMD represents an estimate of the value of the investments required to return 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 human health and safety are not compromised, failing which the infrastructure must be decommissioned. The GCI and the AMD help guide the Government's choices in the development of the QIP.



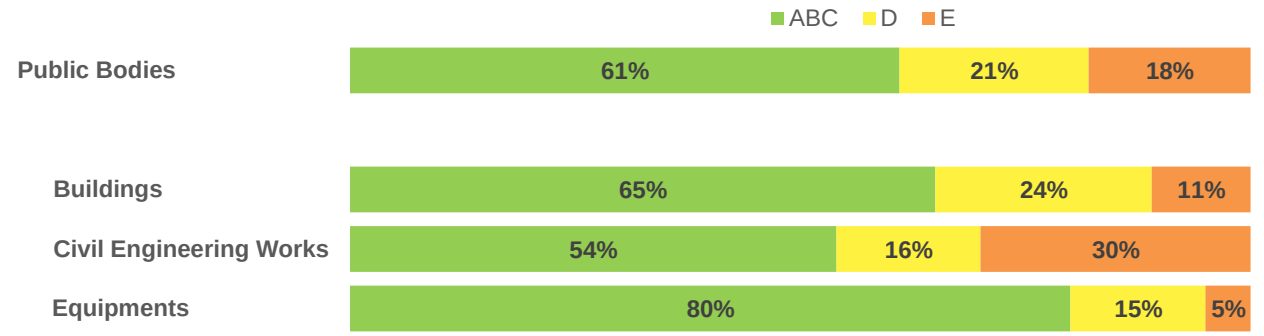
AMD : Assessment of the required investments to restore the physical condition of infrastructure to a satisfactory condition or better.

Highlights of the 2020-2021 AMPIs

2.1 61% of the Infrastructure of Public Bodies Is Deemed in Good Condition

Overall, 61% of the infrastructure under the responsibility of public bodies is deemed to be in satisfactory or better condition, with an average condition indicator of satisfactory (C).

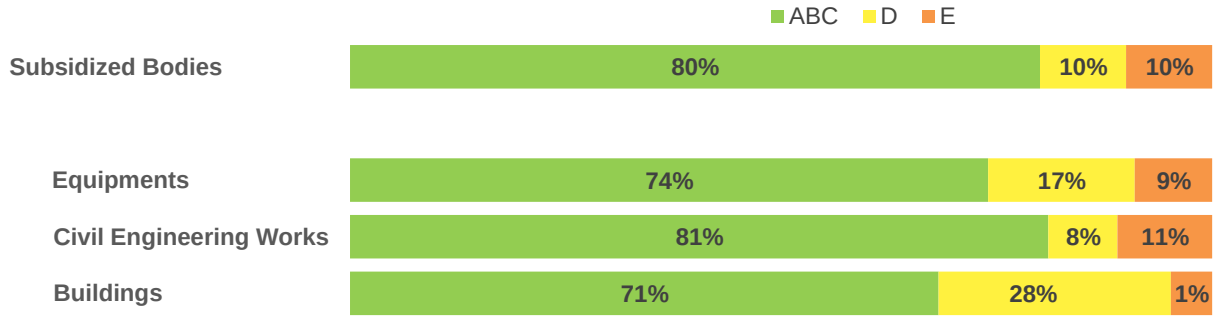
Condition Indicators of Public Bodies
By Body and Infrastructure Category



2.2 80% of the Infrastructure of Subsidized Bodies Is Deemed in Good Condition

Overall, 80% of the infrastructure of subsidized bodies are deemed to be in satisfactory or better condition, with an average condition indicator of good (B).

Condition Indicators of Subsidized Bodies
By Infrastructure Category



Overall Condition of the Public Infrastructure Portfolio
By Mission, Sector and Body
(percentage)

	2019-2020 AMPI	2020-2021 AMPI			
		Condition Indicator			Average Condition Indicator
	ABC	ABC	D	E	
Public Bodies Infrastructures	**60**	**61**	**21**	**18**	**C**
HEALTH AND SOCIAL SERVICES					
Health and Social Services					
Establishments of the HSSN	83	84	13	3	B
EDUCATION AND CULTURE					
Education					
School boards	46	46	34	20	D
Higher Education					
CEGEPs	76	70	25	5	C
Universities	68	63	20	17	D
Culture					
Government Bodies and Corporations under the Authority of the MCC	80	60	36	4	C
ECONOMY AND ENVIRONMENT					
Road Network					
Ministère des Transports					
Roadways	50	49	22	29	D
Structures — Highway System [1]	53	53	9	38	C
Structures — Municipal Bridges [1]	58	58	9	33	C
Culverts	83	83	9	8	B
Marine, Air, Rail and other Transportation					
Société des traversiers du Québec	79	81	17	2	B
Tourism and Recreational Activities					
Régie des installations olympiques	33	30	55	15	D
Social and Community Housing					
Société d'habitation du Québec	77	79	17	4	B
Environment					
Ministère de l'Environnement et de la Lutte contre les changements climatiques	30	49	51	0	C
ADMINISTRATION AND JUSTICE					
Government Administration					
Société québécoise des infrastructures	75	69	23	8	C
Subsidized Bodies Infrastructures	**79**	**80**	**10**	**10**	**B**
ECONOMY AND ENVIRONMENT					
Public Transit					
Public Transit Corporations	82	75	17	8	B
Municipalities					
Municipalities	79	80	9	11	B
Social and Community Housing					
Bodies Funded by the SHQ	78	78	17	5	B

[1] Proportion of condition indicator according to replacement value

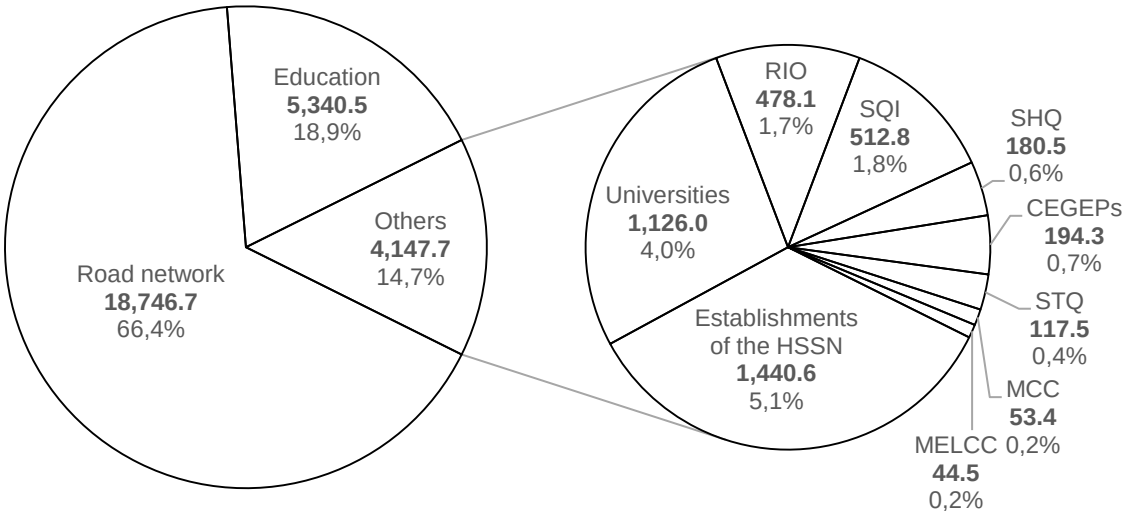
2.3 The Asset Maintenance Deficit of Public Bodies Is Assessed at $28.2 Billion

In 2020-2021, the Government's AMD stands at $28.2 billion, a gross increase of $3.6 billion in relation to the previous year. The AMD is attributable to:

- the Road network sector (67%);
- the Education sector (19%);
- other sectors (15%).

It is incumbent upon each body designated by the Government to develop an AMPI to estimate the AMD. The AMD represents the value of investments required to return public body infrastructure with a GCI of poor (D) or very poor (E) to satisfactory or better condition. Since the infrastructure of subsidized bodies does not belong to the Gouvernement du Québec and the responsibility for their maintenance lies with the subsidized bodies, their AMD is not included in that of the Government.

Public Bodies' Asset Maintenance Deficit Distribution
By Sector
(millions of dollars)



The Net Increase in the AMD Stands at $0.9 billion

The change in the AMD stems from three main causes: the natural deterioration of infrastructure over its useful life, including the increased cost of cumulative work not done during the year, new needs identified in recent inspections and investments made to reduce the AMD during the period.

Compared to last year's AMD ($24.6 billion), there is a net increase of $0.9 billion for 2020-2021, after the effect of new needs identified during the year in the amount of $2.7 billion, meaning that the natural deterioration of infrastructure in poor condition outstripped the repair work carried out during the year. This result demonstrates the need to increase investments to maintain the inventory in good condition, which is being done under the 2020-2030 QIP.

More specifically, changes in the AMD for 2020-2021 stem from:

- The natural deterioration of infrastructure, which contributed to an increase of $3.3 billion, including:
  - $1.8 billion related to the natural deterioration of civil engineering structures, especially roadways and road network structures;
  - $1.5 billion related to the aging of buildings, especially those in the education network.
- New findings observed during the period and the update of prior AMD assessments, for a value of $2.7 billion, including:
  - $1.0 billion for the very first AMD identified for culverts of less than 3 m in diameter in the road network;
  - $0.9 billion stemming from the reassessment of the scope and cost of planned repairs to structures in the road network;
  - $0.8 billion mainly for new work in the education sector.
- Investments made during the period reduced the overall AMD by $2.4 billion, including:
  - $1.3 billion in repair and reconstruction work on roadways and road network structures;
  - $1.0 billion for work and upgrades of obsolete critical components, mainly in buildings in the health and social services, education and higher education networks;
  - $0.1 billion to replace outdated medical equipment in the health and social services network.

Change in the Asset Maintenance Deficit of Public Bodies
By Mission, Sector and Body
(millions of dollars)

	2019-2020 AMPI	Natural Degradation	New Findings	Decrease	2020-2021 AMPI
Total AMD of Public Bodies	**24,639.7**	**3,285.6**	**2,657.1**	**(2,347.5)**	**28,234.9**
HEALTH AND SOCIAL SERVICES					
Health and Social Services					
Establishments of the HSSN	1,399.0	196.3	-	(154.7)	1,440.6
EDUCATION AND CULTURE					
Education					
School Boards	4,456.0	1,090.6	480.1	(686.2)	5,340.5
Higher Education					
CEGEPs	124.6	58.6	29.9	(18.8)	194.3
Universities	980.8	140.3	60.9	(56.0)	1,126.0
Culture					
Government Bodies and Corporations under the Authority of the MCC	53.9	6.4	17.9	(24.8)	53.4
ECONOMY AND ENVIRONMENT					
Road Network					
Ministère des Transports					
Roadways	7,025.0	1,145.0	(73.0)	(696.0)	7,401.0
Structures — Highway System	8,651.8	407.1	985.3	(517.0)	9,527.2
Structures — Municipal Bridges	760.1	39.8	35.1	(49.3)	785.7
Culverts	-	-	1,032.8	-	1,032.8
	16,436.9	1,591.9	1,980.2	(1,262.3)	18,746.7
Marine, Air, Rail and other Transportation					
Société des traversiers du Québec	85.2	39.5	0.1	(7.3)	117.5
Tourism and Recreational Activities					
Régie des installations olympiques	451.3	12.8	44.7	(30.7)	478.1
Social and Community Housing					
Société d'habitation du Québec	182.2	20.3	0.4	(22.4)	180.5
Environment					
Ministère de l'Environnement et de la Lutte contre les changements climatiques	52.8	4.7	(8.4)	(4.6)	44.5
ADMINISTRATION AND JUSTICE					
Government Administration					
Société québécoise des infrastructures	417.0	124.2	51.3	(79.7)	512.8

2. 2020-2021 Annual Management Plans for Public Infrastructure investments

Since 2015-2016, the Annual Management Plans for Public Infrastructure Investments (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 such plans is the first step in a process to provide optimal planning of the infrastructure investments set out in the QIP, bearing in mind the requisite balance between infrastructure maintenance and development needs and the public's ability to pay.

The following 2020-2021 AMPIs are available on the website of the Secrétariat du Conseil du trésor[1].

Organizations Designated by the Government to Produce AMPIs

Budgetary portfolio/QPI sector	Bodies
Affaires municipales et Habitation	
Municipalities	Municipalities
Social and community housing	Société d'habitation du Québec
	Bodies funded by the Société d'habitation du Québec
Conseil du trésor et Administration gouvernementale	
Government Administration	Société québécoise des infrastructures
Culture et des Communications	
Culture	Bodies and government corporations reporting to the Minister of Culture and Communications
Environnement et Lutte contre les changements climatiques	
Environment	Ministère de l'Environnement et de la Lutte contre les changements climatiques
Éducation et enseignement supérieur	
Education	School boards
Higher Education	CEGEPS
	Universities
Santé et Services sociaux	
Health and social services	Establishments of the HSSN
Tourisme	
Tourism and recreational activities	Régie des installations olympiques
Transports	
Road network	Ministère des Transports
Public transit	Public transit corporations
Marine, air, rail and other transportation	Société des traversiers du Québec

[1] Website : https://www.tresor.gouv.qc.ca/infrastructures-publiques/publications/

Conseil du trésor
Québec