

MONITORING OF RESULTS

To ensure that the Québec Timber Production Strategy's targets are met, a monitoring and reporting mechanism will be put in place and the Chief Forester will be involved in the process.

The improvement of the value of harvested timber (quality and quantity), which is the medium and long term target, reflects the result of putting together all taken actions. It will be measured every five years. Some concrete actions will have to be part of regional timber production strategies, while others will have to be measured regularly using indicators. These indicators are:

- » Economic profitability of silvicultural scenarios and management strategies
- » Economic benefits
- » The ratio of volumes harvested to allowable cuts in the public forest in public and private lands
- » The ratio of forest monitoring completed to forest monitoring planned
- » The ratio of silvicultural work completed to silvicultural work planned
- » The success of silvicultural treatments (size, volume, composition, quality) compared to anticipated success by silvicultural intensity gradient level
- » Quantity of carbon sequestered and climate benefits (radiative forcing) obtained from silvicultural work

These indicators will be subject to public accountability, some of them in the Sustainable Forest Management Report produced every five years by the Department.

A NEW VISION, A COMMITMENT

With the Québec Timber Production Strategy, the province is firmly committed to creating wealth from wood. Québec is proud to put forward a new vision for forestry that will maintain it as a leader in sustainable forest management.

OVERVIEW OF QUÉBEC'S TIMBER PRODUCTION STRATEGY

VISION

With a forest regime built on the principles of sustainable forest management, the Gouvernement du Québec is now taking action to increase the value of the province's public and private forests and create more wealth that will not only benefit all the regions but will also support the role played by the forest in the tackle against climate change.

The Québec Timber Production Strategy is an ambitious initiative designed to produce more timber with the desired characteristics, through profitable investments, while developing the forest's existing potential to create more wealth.

A GREATER FOCUS ON VALUE

The Strategy focuses on improving tree characteristics (their quality) and their available amount to define the value of timber available for harvest. This value increase will in turn increase the amount of timber harvested and processed, which will create more wealth for society.

PROVINCIAL STRATEGIC TARGETS

The strategic targets are based on reference values, which are 29.0 Mm³ in volume of harvested timber and \$6.3 billion in forestry sector gross domestic product (GDP). The strategy includes:

Short term: Optimize operational conditions to increase timber harvest from available wood volumes, starting in 2025.

Medium and long term: Increase the volume of timber harvested and generate additional GDP for the forestry sector by 2050 and 2080.

Table of provincial strategic targets in volumes of timber harvested (Mm³) and GDP (\$ billions)

Timeframe	Provincial strategic targets		Economic indicators related to Strategy targets	
	Volumes of timber harvested in the public and private forests (Mm ³)	Forestry sector GDP (\$ billions, 2018)	Forest product exports (\$ billions, 2018)	Number of jobs (Thousands of jobs)
Reference ^a	29.0	6.3	9.3	59.1
2025	33.0	7.1	10.7	63.5
2050	42.9	9.3	14.1	71.6
2080	52.9	12.3	19.0	75.4

a. The reference period is 2013-2018 for the management units and 2015-2018 for the residual forest areas. The data include unharvested volumes determined by the Chief Forester. The reference period for the private forest is the year 2018. The harvested volume in the private forest excludes firewood production.

To help achieve the provincial targets, each region will prepare its own timber production strategy by December 2021.

MAJOR AXIS, OBJECTIVES AND SPECIFIC ACTIONS

The Québec Timber Production Strategy focusses on five major axis fulfilled through eleven objectives, all aiming to create wealth by the effects they will have on improving the characteristics and the quantity of timber produced in Québec's private and public forests. The Ministère des Forêts, de la Faune et des Parcs (Department) has identified the specific actions needed to achieve these objectives.

Major axis	Objectives	Specific actions
Major axis 1 Production of economically desirable wood	Objective 1 Increase timber production with characteristics desired	1.1 Create regional timber production strategies to meet local timber production needs
		1.2 Encourage silvicultural treatments that will help produce high timber quality and generate economic benefits for society
	Objective 2 Make profitable investments in the forest	2.1 Support State decisions to invest in sustainable forest management by producing economic analysis
	Objective 3 Increase the robustness of management strategies so that they are able to withstand risk and uncertainty in the context of climate change	3.1 Include risk management guidelines for natural disturbances in management strategies
		3.2 Diversify timber production options to address different issues
		3.3 Gradually incorporate the impacts of climate change into forestry plans
Objective 4 Provide the necessary care to forests in which silvicultural investments have been made, in order to achieve the anticipated results	4.1 Plan investments according to the operational feasibility of the silvicultural scenario	
	4.2 Monitor and maintain areas under management to obtain the anticipated economic and timber yields	
Major axis 2 Harvest of available wood	Objective 5 Increase the harvest of available timber	5.1 Support the development of the industry and its supply structure by taking timber production issues into account
		5.2 Introduce means, including programs, to facilitate the harvest of available timber
		5.3 Increase the harvest rate for timber affected by natural disturbances
	Objective 6 Make better use of the wood available in the short and medium term	6.1 Optimize harvest planning to minimize impacts on supply costs
		6.2 Perform a detailed characterization of the quality and volume of timber currently available and required in the future

Major axis	Objectives	Specific actions
Major axis 3 Private forest's contribution to collective wealth	Objective 7 Increase the harvest of available timber in private forests	7.1 Encourage forest owners to harvest more timber
		8.1 Ensure that investments in private forests are economically profitable
	Objective 8 Increase timber production in private forests	8.2 Improve forest productivity by intensifying silviculture and increasing the size of areas to be used for forest production
8.3 Provide better protection for the private forests, including via the spruce budworm spray program		
Major axis 4 Forest sector's contribution to climate change mitigation goals	Objective 9 Help to increase carbon sequestration in the forest and in forest products	9.1 Identify the forest sector's potential additional contribution to the achievement of Québec's greenhouse gas reduction objectives and targets
		9.2 Promote silvicultural scenarios that will help increase the contribution of forest management to the tackle against climate change
Major axis 5 Innovation and knowledge	Objective 10 Support innovation, research and development	10.1 Provide financial support for silviculture and sustainable management research institutions and centres, and ensure that they complement the Government's own research
		11.1 Make available the products derived from knowledge acquisition
	Objective 11 Incorporate leading-edge knowledge into forestry practices	11.2 Ensure that knowledge is incorporated into forestry practice

