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Projet d'implantation d'une ferme aquacole
terrestre en recirculation intensive dans la MRC de
Pontiac par Samonix

6211-12-020

Public Consultation Session

BAPE

English Version

August 25, 2026



SAMONIX

Land Acknowledgment

Samonix acknowledges that our project in Litchfield, Québec, is situated on the traditional, unceded territory of the Algonquin Anishinabeg. Located on the banks of the Kichi Sibi, the Ottawa River, this place has long held cultural, historical, and living significance for Indigenous peoples. We offer this acknowledgment with respect and humility, and with a commitment to building relationships rooted in listening, responsibility, and respect.

Agenda

- The Project
- Location
- Impact and Benefits
- Monitoring and Follow-Up Measures
- The Timeline

The Project

Samonix aims to build and operate a facility for the in-land production of Atlantic salmon, with an average annual output of 10,000 metric tons, but with a maximum production capacity of 12,000 metric tons per year, or approximately 2.8 million fish.

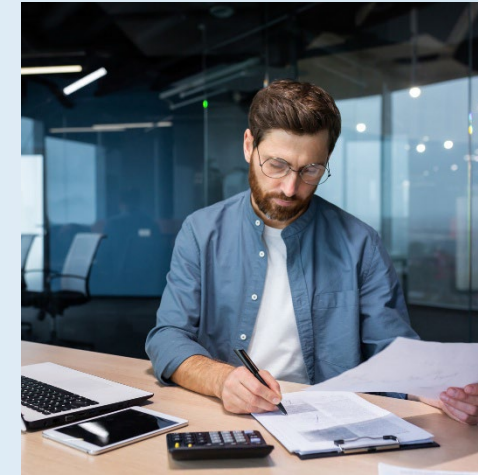


- The project will also include all auxiliary facilities necessary for processing operations. The entire facility will cover an area of approximately 5.6 hectares.
- Objective: to provide high-quality salmon to meet growing demand in Quebec, Ontario, and the U.S. while reducing dependence on imports.
- Strategic location near major urban centers to offer fresher salmon with a longer shelf life, quickly accessible to local consumers and export markets.
- Adopts eco-friendly practices by using a 99% water recirculation system, hydroelectric power, dual wastewater treatment before discharge into the Ottawa River, and the recycling of organic waste from farming and processing.

The Project (continued)

The project, with an investment of **\$300 million USD** will bring significant economic benefits to the Pontiac region.

- Approximately **500 temporary jobs** during the construction phase
- Creation of **100 permanent operational jobs** offering competitive salaries and prioritizing local hiring
- Stimulation of the local economy by creating business opportunities for existing companies and fostering the emergence of new businesses in the region
- Contribution to the improvement and development of public services



The Project (continued)

Is part of several government policies, including:

Canada 

Québec 

MRC PONTIAC
OUTAOUAIS

- Contributing to the objectives of the federal government’s National Food Security Strategy, which aims to strengthen domestic food production in Canada.
- The 2025–2035 Bio-Food Policy, titled “Feeding Our Ambitions,” aims to strengthen food self-sufficiency, sustainability, and the prosperity of the bio-food sector in Quebec;
- The 2023–2028 Sustainable Development Action Plan of the Ministry of Economy, Innovation, and Energy (MEIE), which supports sustainable business models, clean technologies, and the circular economy;
- Contribute to the growth of Quebec aquaculture, in line with the MAPAQ’s guidelines for the development of the commercial fisheries and aquaculture sector.
- Alignment with Vision Pontiac 2030, the strategic development plan of the MRC Pontiac, particularly regarding economic growth, agriculture, and regional diversification.

Atlantic Salmon

- Antibiotic-free
- Non-GMO
- No growth hormones
- Pesticide-free
- Intended for the regional table market
- Strict health standards



Location

The site was previously used as a log storage yard for the Smurfit-Stone pulp and paper mill.

The site is zoned for industrial use and has already been cleared of trees.

Dedicated high-voltage power line already in place on site.

Region offering both a bilingual living environment and a bilingual workforce pool.

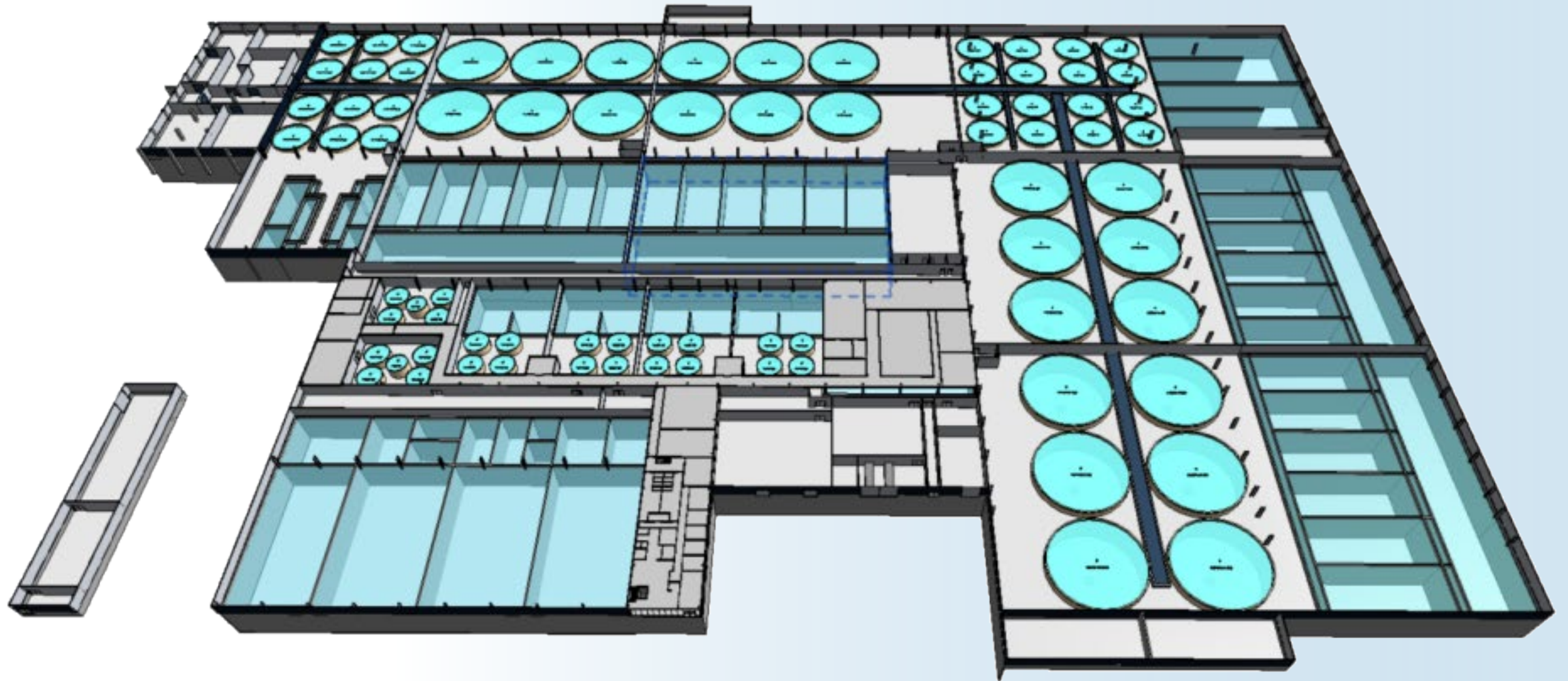


Location

Farm site with water intake and effluent outfall



Inside view of the farm



Key Issues



Preserving biodiversity and protecting endangered species and their habitats

Protection and preservation of the integrity of wetlands and aquatic environments



Combating climate change

Healthy coexistence and preservation of quality of life and public health



Responsible industrial development

Major environmental impacts (1/2)

- No interaction with wetlands and at-risk plant species
- Recycling of organic waste from livestock farming and processing (CTBM in Montérégie)
- Reduction of GHG emissions linked to salmon imports from Chili and Norway

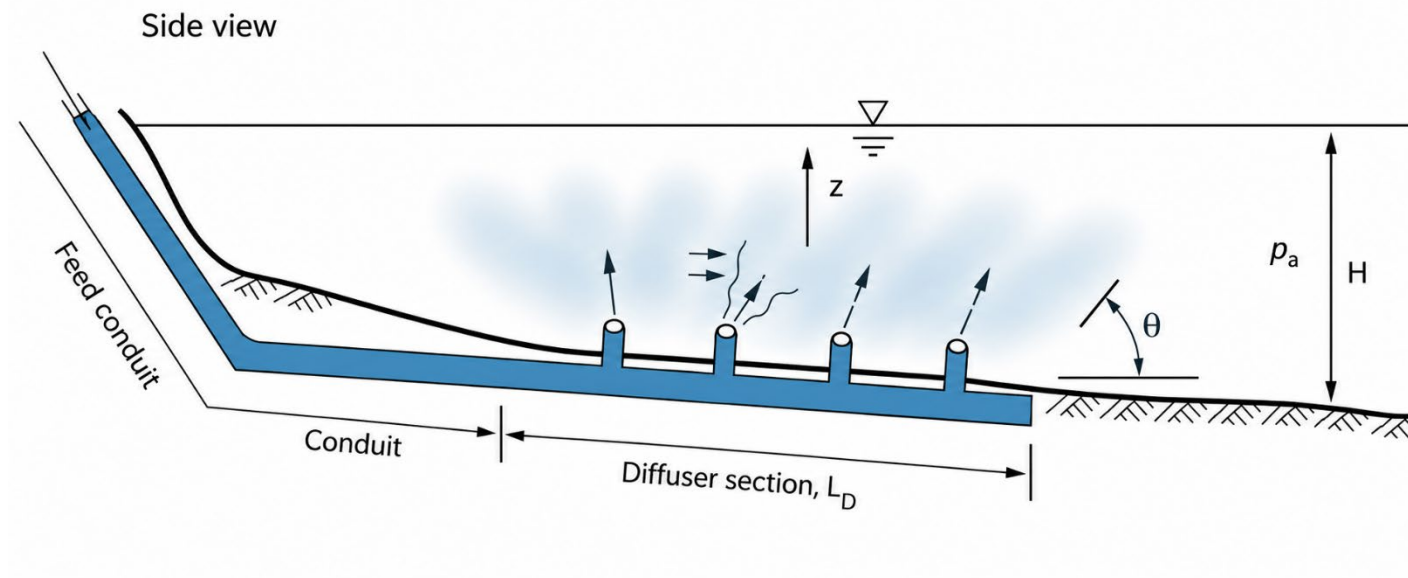
Sources of impact	Potential impacts	Mitigation measures
Activities related to site development and operations	• GHG emissions associated with construction and operational activities	• Inspection of construction equipment and truck used
Activities related to site development and operations	• Habitat loss/alteration • Disturbance (noise) and • potential mortality	• Avoidance of sensitive areas when locating facilities • Monitoring of construction equipment • Work conducted outside of sensitive periods

Major environmental impacts (2/2)

Sources of impact	Potential impacts	Mitigation measures
River Construction Work	• Impact on water quality and introduction of suspended solids (SS)	• Work conducted outside of sensitive periods • Relocation of mussels
Intake and Outfall	• Loss of a small area of aquatic habitat • Water withdrawal (less than 0.02% of flow) • Highly controlled discharge into the river	• Installation via directional drilling • Design of the intake and diffuser • Rigorous monitoring to ensure compliance with environmental protection requirements

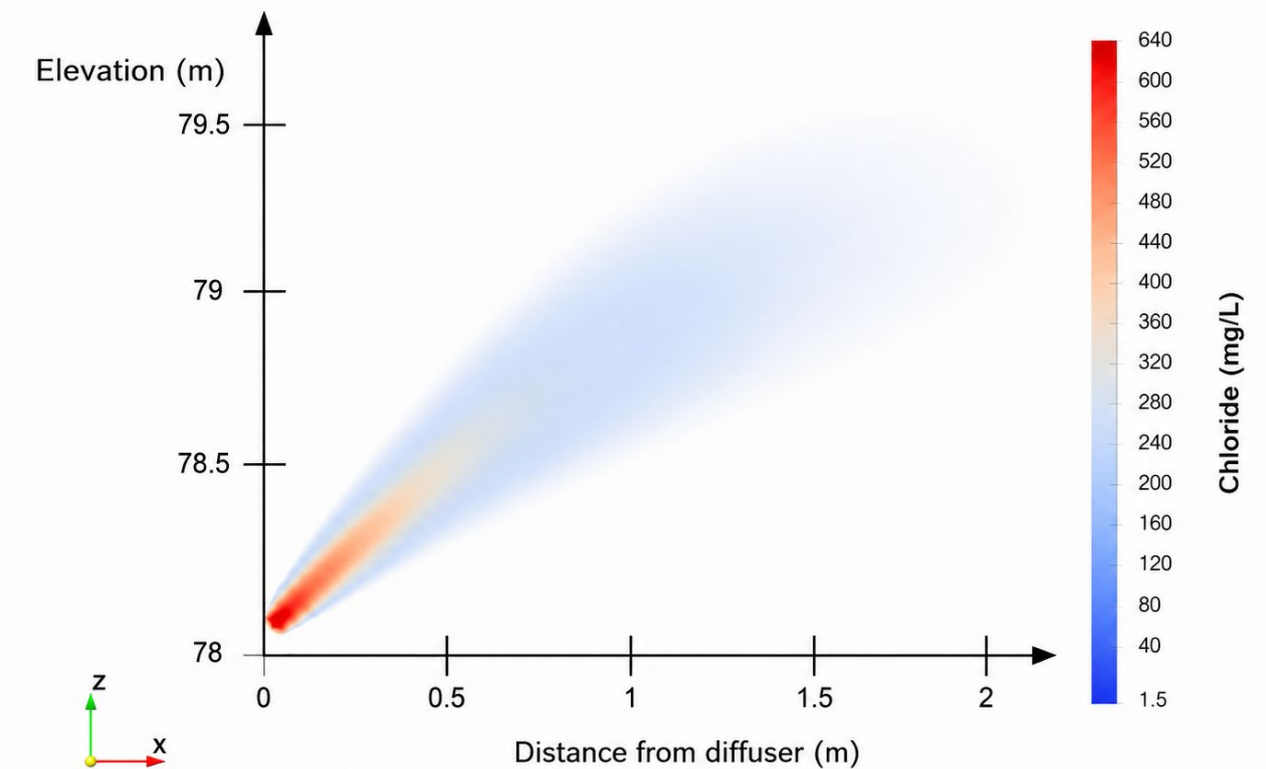
Minimizing impact of discharge into the river

Geometric optimization of the diffuser



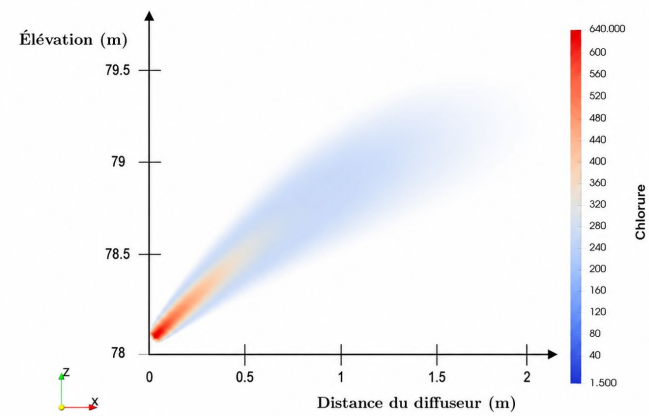
Comprehensive modeling of discharge into the river during historical low-flow conditions

Figure 3.6 Typical side-view cross section of the chloride concentration field (in mg/L) in the direction of the flow discharged from a diffuser for a low-flow scenario



Conceptual illustration of the plume in the river

Figure 3.6 Coupe type vue de côté du champ de concentration en chlorure (en mg/l) dans la direction de l'écoulement sortant d'un diffuseur pour un scénario d'été



8m

2m

Major impacts on the human environment

- Project located in an industrial area
- Nearest residence approximately 2.6 km away
- No interaction with water intakes (groundwater wells more than 2 km away, river water intakes more than 5 km downstream from the project)
- No anticipated impact related to odors since operations take place indoors

Sources of Impact	Potential Impacts	Mitigation Measures
Activities Related to Site Development and Operation	• Increase in the number and frequency of trucks on the road	• Compliance with traffic laws • Trucks in good condition • Adequate signage
Presence of Infrastructure	• Visibility of facilities from the Ottawa River	• Selection of building materials • Maximum height of 10 m

Establishment of a mechanism for receiving and handling complaints

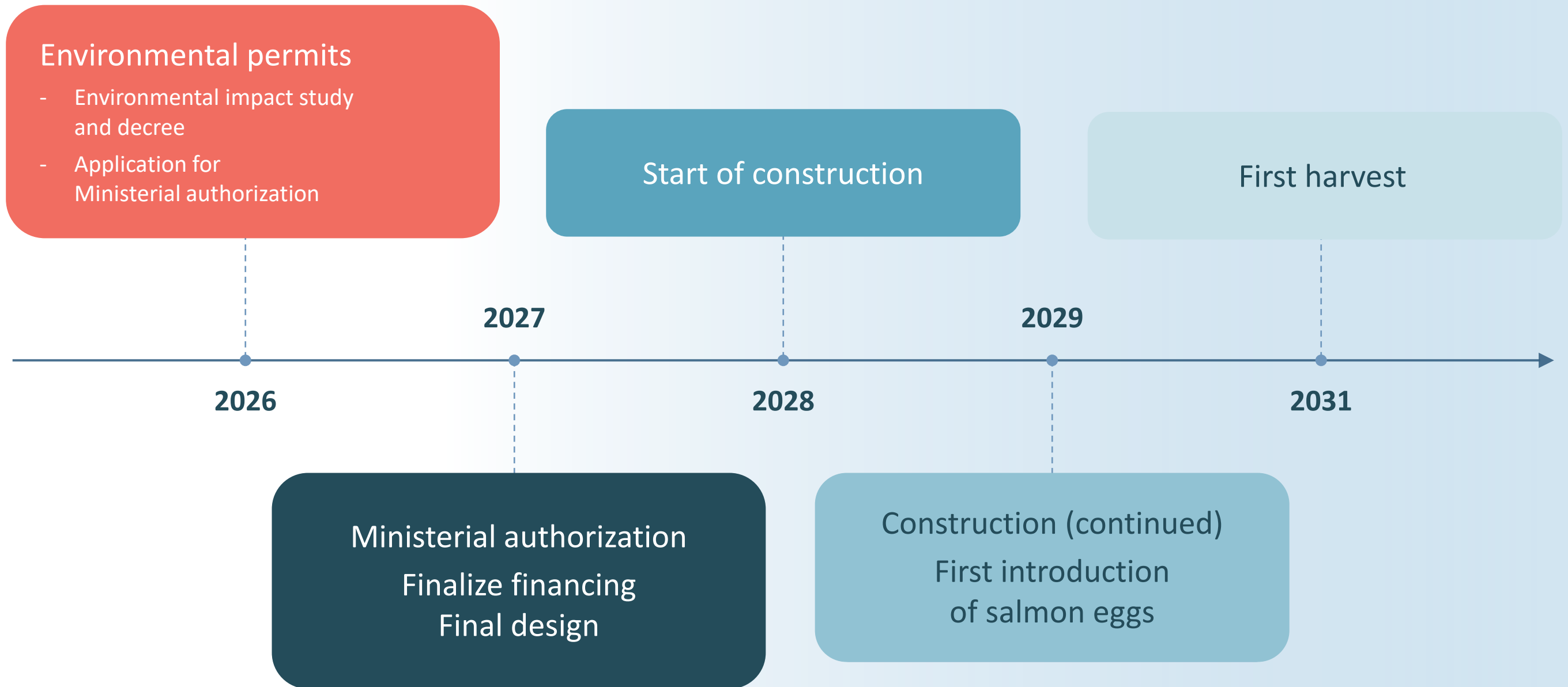
Key Economic Impacts and Benefits

Sources of impact	Potential impacts	Mitigation measures
Site development activities	• Use of local businesses • 500 temporary jobs	• Discussions with economic and administrative stakeholders in the region • Procurement of goods and services from qualified local suppliers whenever possible. • Hiring of local labour for certain trades required for the operation of the aquaculture farm.
Operation of the aquaculture farm	• Creation of permanent jobs in the region	
Local salmon production	• Reduction in salmon imports from Chile and Norway	

Monitoring and Follow-up Measures

Environmental Monitoring during construction	Environmental Monitoring during operations
• Presence of a site supervisor • Maintenance of regulatory compliance • Maintenance of the complaint management system • Control and supervision of site activities • Traffic management • Spill management • Implementation and monitoring of protective measures (e.g., sediment barriers) • Implementation of corrective measures as needed	• Restoration of natural environments temporarily disturbed during construction • Maintenance of various mandatory activity logs • Compliance with effluent OERs • Operation of the stormwater management system • Validation of noise emissions • Local Liaison Committee

Project timeline



Thank you!

