

# Carrefour de l'eau

## Water at the heart of a living ecosystem

### CLIENT

Confidential

### TEAMS / PARTNERS

Patriarche (architecture, interior design, signage, graphic design)

Ville de Québec

H2O Innovation

2 Degrés

Institut national de la recherche scientifique (INRS)

Port de Québec

Patriarche is proud to take part in the feasibility study for the Carrefour de l'eau, a major project aiming to position Québec as an international hub of expertise in water technologies.

In partnership with H2O Innovation, 2 Degrés, INRS, the Port of Québec, and the City of Québec, the project addresses pressing challenges such as sustainable water management, pressure on public water networks, and adaptation to climate change.

The Carrefour de l'eau is envisioned as a hub for research, education, innovation, and engagement. It is a place where scientists, entrepreneurs, and citizens can come together to transform knowledge and technologies into practical, tangible solutions that can be applied and exported worldwide.

The project brings together state-of-the-art research and teaching facilities, a full-scale testing platform, a water recycling plant for industrial users, and an incubator to support new businesses in the water sector. This combination creates an ecosystem where sustainable technologies can be developed, tested, and brought to market while reducing pressure on public water networks.

The Carrefour de l'eau also includes a public interpretation and awareness center, designed to explain water-related challenges, demonstrate how water can be reused, and encourage responsible practices.

### Our Involvement

At Patriarche, our role is to bring our expertise in strategic planning and programming to this complex project. We help structure the overall vision, coordinate the different components, and lay the foundations of a strong ecosystem that is both rooted in Québec and oriented toward international reach.

Type

**New Construction**

Cost

**150–220 M\$**

Status

**Feasibility study ongoing**

Area

**19 000 m<sup>2</sup>**

Location

**Quebec (QC) Canada**





## Key Project Components

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### **Water Recycling Plant**

A facility serving nearby industrial users, reducing pressure on public water networks and promoting responsible water reuse.

### **Research Laboratories and Teaching Spaces**

Dedicated spaces for cutting-edge research, training of researchers and experts, and development of new water technologies.

### **Full-Scale Testing Platform**

Infrastructure enabling the testing, validation, and optimization of technologies under real-world conditions, accelerating deployment and market readiness.

### **Specialized Business Incubator**

An incubator supporting the creation and growth of young technology companies in the water sector, from idea to commercialization.

### **Specialized Real Estate Hub**

Rental spaces for sector-related companies, encouraging collaboration, synergy, and knowledge-sharing within the same ecosystem.

### **Interpretation and Awareness Center**

A public-facing center designed to shift perceptions about water reuse and raise awareness of its protection and sustainable management.



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