



AVENIR CENTRE

MONCTON, NB



QUICK FACTS

- + Multi-Purpose
- + Sports and Entertainment
- + Indoor Arena
- + Outdoor Ice Rink
- + Green Globes Standards
- + 250,000 square feet
- + Smith + Andersen Mechanical
- + Sustainability Services (Footprint)

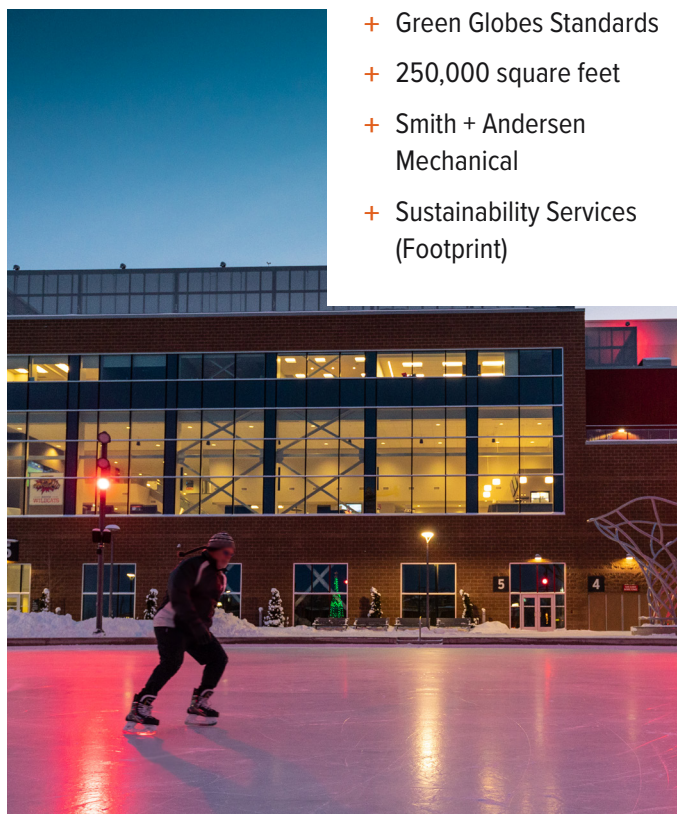


PHOTO CREDIT: Andre Audet Photography



AVENIR CENTRE

ABOUT THIS PROJECT

- + A multi-purpose sports and entertainment facility and a vital development in the City of Moncton’s long-term plan for urban development.
- + With an arena that holds 9,000 spectator seats (including 13 VIP suites), the Avenir Centre is home to the Wildcats and the Miracles.
- + The complex includes an NHL-sized ice rink and lounge areas.
- + The civic plaza—which features an outdoor ice rink—was designed to accommodate outdoor events year round.
- + Mechanical design team worked closely with the energy modelling team to create sustainable heating and ventilation solutions for the arena.
- + The arena refrigeration plant uses a heat recovery system to capture rejected heat for re-use in the facility’s heating systems.
- + Radiant in-floor heating systems keep spectators warm in the ice rink, while desiccant dehumidification units control cooling and humidity to keep the surface of the ice at an ideal temperature.
- + The main kitchen includes a variable speed exhaust system, which minimizes energy and make-up air requirements.

LOCATION
Moncton, NB

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical,
Sustainability (Footprint)

SIZE
250,000 sq. ft. (23,225 sq. m.)

BUDGET
Confidential

COMPLETION YEAR
2018

SUSTAINABILITY
Green Globes Standards

HOT BUTTONS

- ENTERTAINMENT
- NHL-SIZE ARENA
- OUTDOOR RINK
- CIVIC PLAZA
- GREEN GLOBES
- MECHANICAL DESIGN
- SUSTAINABLE DESIGN
- ENERGY MODELLING



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