



Case study 01

Laforest – Québec

Client: Statera
2022 – Ongoing



Laforest-Québec is a 13-storey mixed-use complex in Québec City featuring 358 residential units over ground-floor retail and public spaces. The project combines a forward-looking approach to environmental performance and innovation with a strong focus on community life and positive neighborhood impact.



Climate and Energy

Aims to be the first mixed-use building in Québec City to obtain a Zero Carbon Building (ZCB – Design V3) certification,

40% better energy performance than the 2017 National Energy Code for Buildings

Estimated annual emissions avoidance of approximately 340 tCO₂e



Circular Economy and Materials

Use of wood to reduce embodied carbon impacts

Recognized by the Québec government's wood construction innovation program for advancing new construction practices

Responsible construction practices, with environmental management aligned with ISO 14001 principles and a target to divert 85% of construction waste from landfill



Renewable Energy and Innovation

On-site solar panels (35 units) supplying electricity to common areas

Research partnership with Concordia University to test building-integrated solar technology

Participation in Hydro-Québec's Innovative Project Program



Community

New public and green spaces, increasing landscaped area from 6% to 24% of the site

Surface water bioretention measures through the installation of 4 rain gardens creating a storage capacity of 47.80m³

Universal accessibility, with 32 universally designed units and accessibility standards applied across all residences