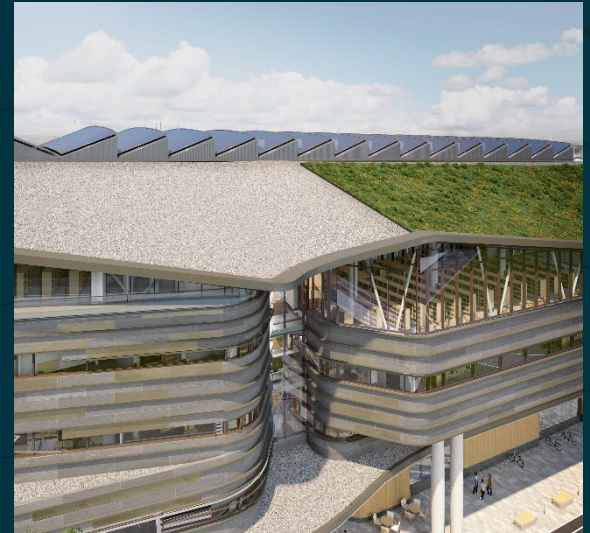


The new Ottawa Public Library (OPL)–Library and Archives Canada (LAC) joint facility will have many features that will make it a model of green infrastructure in the national capital. Thanks to additional funding from the federal government in the 2020 Fall Economic Statement, the building will meet the standards to be a net-zero carbon building.

Net-zero carbon buildings reduce energy consumption to a minimum through building design strategies and efficiency measures to the point where the use of non-carbon-based energy sources becomes practical.

HERE ARE SOME OF THE FEATURES THAT WILL MAKE THE NEW FACILITY A SUSTAINABLE BUILDING:

- an important community living space at the heart of the national capital, surrounded by green parklands and trees with the river running nearby
- native plants
- a green roof with solar panels
- large-scale use of natural materials, including wood and stone
- more sustainable building materials, inside and out
- upgraded insulation
- triple-glazed windows
- solar panels embedded in the building's facade
- abundant natural light inside the building
- a bird-friendly design
- an indoor green wall
- recycling and composting equipment
- connection to the federal government's heating and cooling district energy system
- access by public transit, bicycle paths and walking trails
- digitized tools and content at LAC to reduce the need for researchers to commute to Ottawa



Green roof with solar panels



Indoor green wall