



Image: Moltex Energy

Government of Canada supports SMR development in New Brunswick

Investment totalling \$56 million for CANDU Owners Group (COG) Small Modular Reactor (SMR) Vendor Participant Moltex Energy, member New Brunswick Power and the University of New Brunswick

MARCH 19, 2021 — The prospect of small modular reactor (SMR) deployment in Canada has come closer to reality with a significant boost from the Canadian government.

Minister of Intergovernmental Affairs, Dominic Leblanc, announced, March 18, an investment of \$50.5 million in New Brunswick-based Moltex Energy Canada provided through the government's Strategic Innovation Fund (SIF) and the Regional Economic Growth through Innovation (REGI) program.

The funds are expected to enable Moltex to develop its Stable Salt Reactor – Wasteburner (SSR-W) technology that will produce clean energy through its Waste To Stable Salts (WATSS) process that recycles existing used nuclear fuel to produce non-carbon emitting energy. The technology has the potential to reduce storage needs for existing used nuclear fuel and could lead the way in establishing a first-of-its-kind system in Canada.

The government also announced funding in the amount of \$4.99 million for COG member, New Brunswick Power (NB Power), to prepare its Point Lepreau site, home to the province's lone CANDU reactor, for SMR deployment and demonstration.

As well, the University of New Brunswick's Centre for Nuclear Energy Research (CNER), received nearly \$562,000 to expand its capacity to support SMR technology development in New Brunswick. The university is a member of COG's partner organization, University Network of Excellence in Nuclear Engineering (UNENE).



Artist's rendering of Moltex Energy at the New Brunswick Power Point Lepreau site. Image: Moltex Energy

In February, ARC Canada, also a COG SMR vendor participant, [received \\$20 million in funding from the Government of New Brunswick](#). The funds are intended to support the deployment of its ARC-100 advanced SMR by the late 2020s.

These projects support [Canada's SMR Action Plan](#), released in December 2020, which outlines a long-term vision for the development and deployment of this technology in Canada and the world.

COG works with the Canadian Nuclear Association on the Canadian Nuclear Industry SMR Secretariat to track progress against the Action Plan.

[Click here](#) to read the full announcement from the Government of Canada.

[Click here](#) to read the announcement from Moltex Energy.