

small reactors big opportunities

Investing in Small Modular Reactor (SMR) technology is a made in New Brunswick contribution to the low carbon economy

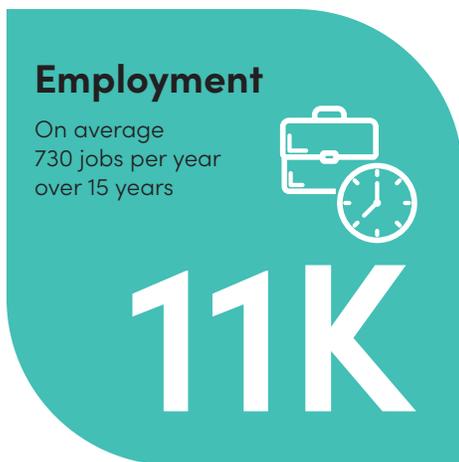
The future is now, and low carbon technologies are in the forefront.

New Brunswick is part of the pan-Canadian SMR Action Plan initiative, under the leadership of Natural Resources Canada Nuclear Energy division, so that we can be part of harvesting benefits for our customers — energy security, emission reductions, well-paid jobs, and business growth.

**small
modular
reactors**

technology development and construction of demonstration units will be a **valuable contributor** to the provincial economy

New Brunswick will be the centre of excellence for the development of the advanced SMR technology in the 2020-2035 time period. We plan to build the two demonstration units at the Point Lepreau Nuclear Generating Station site.



Direct and Indirect in New Brunswick



successful designs will then progress to **national** and **international** markets

New Brunswick will be the hub for supply chain and technical support as the New Brunswick SMR technology is deployed in Canada and internationally.

The economic benefits will go beyond New Brunswick and significant positive impact will be felt Canada wide as the technology grows.

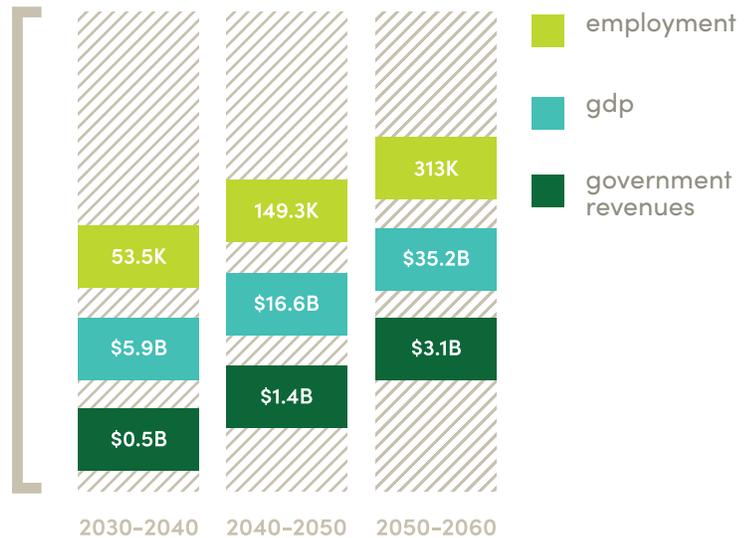


total economic impact – supply chain, construction, operation and fleet technical support

New Brunswick



Canada



The analysis considered successful deployment of both New Brunswick SMR technologies in Canada, and internationally, considering factors such as electricity demand, replacement of fossil fuel generation, expected capital costs and expected levelized cost of electricity. Three market penetration scenarios for New Brunswick SMR technologies were used. The figures represent the average number of jobs over the period of time.

SMR development – a centrepiece of nuclear **innovation** and economic **growth**

A state-of-the art SMR production program brings countless benefits to New Brunswick as part of the pan-Canadian program to grow the low carbon economy of the future.

SMR unit installation is forecast to grow at a rapid pace creating jobs, spin-off new businesses, and government revenues to invest in New Brunswick public services.