Small Modular Reactors: Canada’s Approach. Canada’s Advantage.

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Canada’s Small Modular Reactor Roadmap

SMRs as a source of safe, clean, affordable energy — opening opportunities for a resilient, low-carbon future and capturing benefits for Canada and Canadians.

[Website Link]  
www.smrroadmap.ca
Nuclear energy is a growth industry in Canada.

Canada's supply chain advantage is fuelled by strategic investments.

NUCLEAR REFURBISHMENTS
$26 billion in Ontario to keep nuclear plants running for another 30+ years
Enabling frameworks are geared for innovation.

Projects are moving forward, enabled by a flexible regulator, risk-based standards, and climate change policies.

DEMONSTRATION PROJECTS
Canada's first SMR licensing application to prepare site at Chalk River Laboratories
Markets are real. Demand is real. Canada has sites.

Site owners and prospective customers are completing feasibility studies and technology down-selection to meet their requirements.

LICENSED SITES
Licensed sites in Ontario and New Brunswick. Additional greenfield sites under consideration.
Canada’s Advantage

Sound Investment Climate

- Canada’s banking system ranked 2\textsuperscript{nd} in the world and soundest in the G7
- Lowest business costs in the G7
- First in the G7 and 8\textsuperscript{th} out of 126 countries for ease of investor protection
- Ranked 2\textsuperscript{nd} in the G20 and 5\textsuperscript{th} overall in Forbes latest 153-country annual study, \textit{The Best Countries for Business}
- Strong intellectual property regime
- Open and transparent government
- Most educated workforce in the world

\begin{figure}[h]
\centering
\includegraphics[width=\textwidth]{marginal_effective_tax_rate.png}
\caption{Marginal Effective Tax Rate on New Business Investment, 2018}
\end{figure}
Canada’s Advantage

Connected to the World

Preferential Market Access to 2/3 of the Global Economy:

- **14** trade agreements
- **51** countries
- **1.5 billion** consumers
- **$49.3 trillion USD** combined GDP
- **$2 billion** government investment for trade corridors

Source: Global Affairs Canada, Trade and Investment Update 2018

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**USMCA**
A new agreement that protects North America’s supply chains

**CPTPP**
Reaching key Asia-Pacific markets

**CETA**
Access to Europe with a focus on sustainable sourcing and supply
Canada’s Advantage

Canada is an established leader in nuclear innovation and a trusted partner.

Pursuing bilateral and multilateral collaborations: policy, regulatory, science and technology, and industry.