

# Green-powered Canada

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Energy Source: Nuclear Power

Type of resource: Renewable

Benefits: Can be utilized again and again without putting a source or adding more energy

How is this energy source being used in Canada

Nuclear is the world's second largest source of low-carbon power (29% of the total in 2018). Over 50 countries utilise nuclear energy in about 220 research reactors. In addition to research, these reactors are used for the production of medical and industrial isotopes, as well as for training.

What role could this energy source have in the future?

On a global scale nuclear power currently reduces carbon dioxide emissions by some 2.5 billion tonnes per year (relative to the main alternative of coal-fired generation, about 2 billion tonnes relative to the present fuel mix). ... Nuclear power has a key role to play in reducing greenhouse gases.

Provide two reliable sources for people who would like to learn more about this energy source: this is the government of canada

<https://www.nrcan.gc.ca/science-data/data-analysis/energy-data-analysis/energy-facts/uranium-and-nuclear-power-facts/20070>

<https://www.cnsccsn.gc.ca/eng/reactors/power-plants/index.cfm>

