

# WHY IS RENEWABLE ENERGY IMPORTANT

*An in-depth look into the benefits of renewable energy*

For more information | [www.nunavutcleanenergy.ca](http://www.nunavutcleanenergy.ca)

Renewable energy offers a unique opportunity to enhance energy independence and reduce reliance on diesel fuel in Nunavut. In addition to the various economic, social, environmental, and human health benefits derived from renewable energy development, communities in Nunavut have

the opportunity to own and operate their own clean energy infrastructure, thereby increasing self-sufficiency and building community capacity. As we begin to recover from the global effects of COVID-19, it is important to prioritize a just clean energy transition across the Territory.

## QUICK FACTS

According to the Pan-Canadian Framework on Clean Growth and Climate Change

**30%**

Canada needs to reduce its greenhouse gas (GHG) emissions by 30% below 2005 levels by 2030 to meet international climate targets

**\$43B**

Climate change could cost Canada \$43 billion per year by 2050 if measures are not taken to reduce GHG emissions

**66%**

Between 2010 and 2015, the costs for new utility-scale solar declined by 66%, while onshore wind fell by 30% on average during that same period

## BENEFITS OF RENEWABLES

### economic



- Generates revenue for local communities
- Boosts local economies during development, construction, and operation

### social

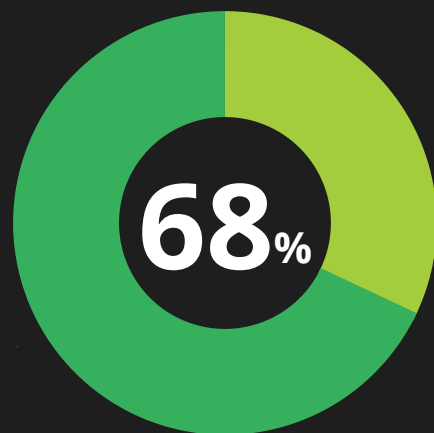


- Jobs created
- Enhanced energy access
- Achieving energy independence

### environmental



- Fewer greenhouse gas emissions
- Enhanced air quality
- Improved human and environmental health



#### Did you know?

According to the Canadian Renewable Energy Association, wind and solar energy made up 68% of new installed generating capacity across Canada from 2009-2018.