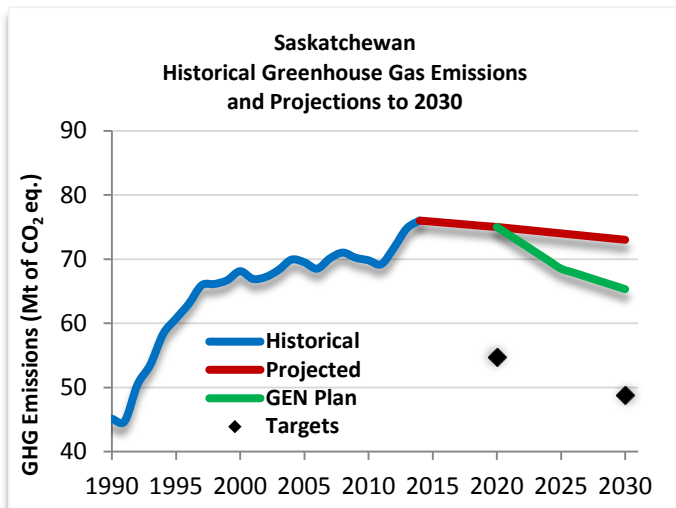


One Million Climate Jobs Challenge for Canada: 48,029 Climate Jobs in Saskatchewan

The Green Economy Network (GEN) has calculated that Saskatchewan could create 48,029 person-years of employment over five years through a total public investment of \$3.62 billion in energy efficiency and conservation, renewable energy, and public transit. In addition, targeted public investment in these three priority areas will reduce Saskatchewan's annual greenhouse gas (GHG) emissions by up to 9.7 megatonnes (Mt). This action plan will help to transition the province to a lower-carbon economy, create a healthier environment, and strengthen communities, while reducing poverty and inequality.



Emissions

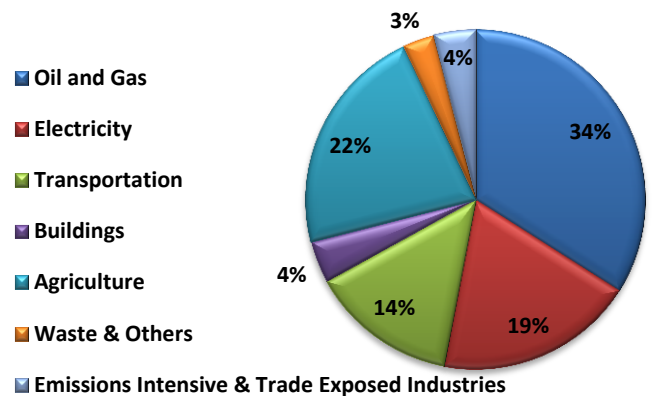
- Saskatchewan has the fourth highest total annual GHG emissions in Canada at 10.3% of total annual GHG emissions;
- Emissions have increased by 68% since 1990;
- Saskatchewan has the highest per capita GHG emissions;
- One-third of the province's GHG emissions are from the oil, gas, and mining sectors; and
- Saskatchewan has committed to generate 40% of electricity from renewable energy sources by 2025, and 50% by 2030.

Unemployment

In 2016, Saskatchewan had an annual average of 38,300 unemployed workers and an annual average unemployment rate of 6.3%, one of the lowest unemployment rates in Canada. However, Saskatchewan's average annual unemployment rate in 2016 was the highest it has been since 1996.

For references and additional information, please see <http://greeneconomy.net.ca/>

GHG Emissions for Saskatchewan by Canadian Economic Sector (2014)



Summary of Calculations for Saskatchewan

	\$Billions Invested Over 5-Year Period	Total Person-Years Created	GHG Emission Reductions (Mt CO ₂ e)
Renewable Energy	\$1.6	18,906	5.3 - 7.5
Energy Efficiency (incl. building retrofits)	\$1.8	26,280	1.0 - 1.9
Public Transit (improvement and expansion)	\$0.224	2,843	0.2 - 0.3
5-Year TOTALS	\$3.62	48,029	6.5 - 9.7

Energy Efficiency and Conservation

Targeted public investment of \$1.8 billion in energy efficiency and conservation over a five-year period could generate 26,280 person-years of employment in Saskatchewan and reduce annual GHG emissions by up to 1.9 Mt.

- Saskatchewan has the country's second highest rate of energy consumption per square meter;
- Nearly 60% of Saskatchewan's housing stock was built before 1977;
- Nearly 20% of housing stock was built before 1946 and uses twice the amount of energy as houses built after 1995; and
- Over 85% of the province's housing stock is still in need of energy efficiency retrofits.

Investments in home and building retrofits will save a significant amount of energy, reduce GHG emissions, reduce energy poverty, create opportunities to complete apprenticeships, and generate employment.

One Million Climate Jobs Challenge for Canada: 48,029 Climate Jobs in Saskatchewan

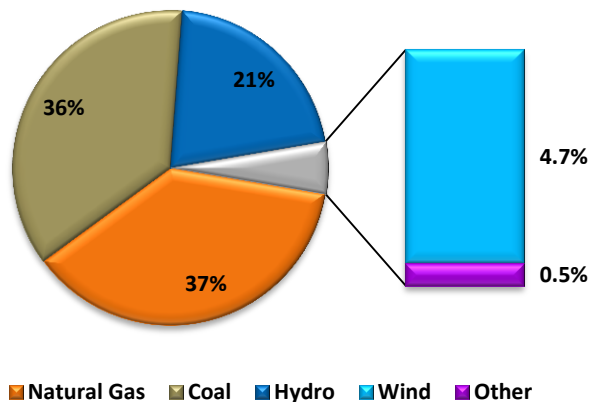
Types of Jobs in Energy Efficiency and Conservation:

- Architect
- Boilermaker
- Carpenter
- Civil Structural Engineer
- Community and Social Services
- Construction Equipment Operator
- Construction Labourer
- Education and Health Services
- Electrical Engineer
- Electrician
- Energy Efficiency Auditor
- HVAC Installer
- HVAC Technician
- Ironworker
- Office and Administrative Support
- Pipefitter
- Plumber
- Roofer
- Service Industry Occupations
- Steelworker
- Weatherization Installer/Technician

Types of Jobs in Renewable Energy:

- Boilermaker
- Community and Social Services
- Construction Worker
- Drilling Equipment Operator
- Education and Health Services
- Electrician
- Engineer
- Excavator
- Heavy Equipment Operator
- Ironworker
- Land Surveyor
- Machinist
- Mechanic
- Office and Administrative Support
- Pipefitter
- Plumber
- Service Industry Occupations
- Scientist
- Sheet Metal Worker
- Steelworker
- Surveyor
- Welder

Saskatchewan
Installed Capacity Mix (2015)



Renewable Energy

With a total public investment of \$1.6 billion in renewable energy, GEN has calculated that 26,280 person-years of employment could be created over a five-year period. In addition, this investment will result in an annual GHG emission reduction of up to 7.5 Mt.

- Electricity accounts for 21% of Saskatchewan's annual GHG emissions;
- Over 35% of Saskatchewan's total energy generating capacity comes from coal-fired generation;
- 18% of Saskatchewan's generation capacity comes from renewable sources;
- Saskatchewan has the highest potential for solar energy in all of Canada; and
- Saskatchewan maintains the second-highest renewable energy potential for onshore wind energy in Canada.

The transition to a renewable energy economy must be a Just Transition that respects the rights of Indigenous Peoples, revitalizes communities, and ensures that workers in carbon-intensive industries are protected and able to support their families.

Public Transit

With an investment of \$224 million in public transit, GEN has calculated that 2,843 person-years of employment would be created in Saskatchewan. Targeted public investment in public transit will also reduce Saskatchewan's annual GHG emissions by up to 0.3 Mt, with the potential for greater emissions reductions over time.

- Less than 5% of people living in Regina and Saskatoon commute by public transit, while over 85% use a private automobile

Targeted investments in public transportation will introduce more comprehensive and accessible services while making fares more affordable for low-income families. Implementing these priorities as part of a public transportation strategy will ensure that underserved communities and individuals – including (but not limited to) women, people of colour, Indigenous Peoples, youth and students, seniors, and persons with disabilities – will benefit from increased access to health services, education, recreation, and employment, including the employment opportunities that are created through the creation and expansion of transit services.

Types of Jobs in Public Transit:

- Automotive Technician
- Bus and Transit Driver
- Civil Engineer
- Community and Social Services
- Construction Equipment Operator
- Construction Labourer
- Education and Health Services
- Electrician
- Industrial Engineer
- Machinist
- Mechanic
- Mechanical Engineer
- Metal Fabricator
- Office and Administrative Support
- Service Industry Occupations
- Transportation Planner
- Urban Planner
- Welder

This plan for Saskatchewan lays the foundation for tackling climate change while creating jobs. It also provides a strategy to address poverty and inequality. The proposals outlined in this plan will not only serve displaced workers from polluting industries, but will also create opportunities for workers from industries suffering the impacts of climate change, the unemployed, the working poor, as well as Indigenous Peoples, racialized communities, women, youth LGBTI individuals, and persons with disabilities. Let's act now to make this plan for Saskatchewan a reality!