

# Bhutan

**Location:**

Country of south-central Asia

**Population:**

763,400

- Farmers are offered free electricity by the Bhutanese government to reduce the amount of CO2 produced by burning wood.
- This nation uses its many rivers to generate electricity. These rivers provide entirely renewable and clean electricity.
- Bhutan subsidises LED lights.
- The Bhutanese constitution stipulates that at least 60% of the country should be covered by forest. More than half of the country is covered by protected national forests, nature reserves, and wildlife protection areas.



# Iceland

**Location:**

Island country in the North Atlantic

**Population:**

380,500

- Iceland became the first place in the world for direct air carbon capture and storage.
- The country uses geothermal water for electricity. Iceland harnessing geothermal energy from its volcanoes and many hot springs.
- The government plans to reforest 20,000 trees.
- Even though Iceland is a very cold climate, the heat from geothermal energy helps to grow crops like cucumbers potatoes, tomatoes, bell peppers.



# Norway

**Location:**

Northern European country

**Population:**

5,526,000

- Norway has fully adopted electric vehicles and is looking to fully phase out fossil fuel vehicles sooner than its goal of 2025.
- Norwegian transport sector is also being fully electrified.
- Norway's electricity generation is almost all renewable with majority hydropower and a small percentage wind and geothermal.
- Norway is also in place to help support the energy grids of neighbouring countries with their hydropowered electricity.



# New Zealand

**Location:**

Island country in the South Pacific Ocean

**Population:**

5,128,000

- New Zealand has a net zero emissions by 2050 goal in law with the Zero Carbon Act.
- Other climate policies include:
  - renewable electricity target of 100% by 2035
  - government vehicles electrified by 2025/26
  - CO2 emissions standard for imported cars in 2021
- New Zealand government is developing a hydrogen roadmap.



# Denmark

**Location:**

Northern Europe, made up of more than 400 islands in the North Sea

**Population:**

5,986,000

- Denmark established a net zero target to reach carbon neutral emissions by 2050.
- Striving for a fossil fuel-free electricity sector by 2030 with a focus on renewable energy.
- Denmark produces a large amount of wind power. There are two Energy Islands in Denmark being created that will be able to generate enough wind power (10 GW) to supply 10 million homes with average energy consumption, and is the first of its kind.
- First Energy Island due to be finished by 2030.



# Hungary

**Location:**

Central Europe

**Population:**

9,705,000

- Energy generated in Hungary aims to be 90% carbon-free by 2030.
- The Climate and Nature Protection Plan supports renewable energy production of small and medium-sized enterprises, increase of solar capacity and new incentives for of low- and zero-emission vehicles.
- Plan also includes certain sectors reducing carbon by 2030 such as transportation, agriculture, building, and waste management.



# Lebanon

**Location:**

Eastern side of Mediterranean Sea

**Population:**

6,685,000

- Decreasing cost of solar photovoltaic (PV) and increasing cost of oil has created a incentive to reduce diesel consumption and move to solar.
- Estimated that the increase in electricity generation from solar has avoided 125,561 tonnes CO<sub>2</sub>eq of emissions during the 2016-2018 period



# Malawi

**Location:**

Southeastern Africa

**Population:**

19,610,000

- Malawi has been creating new forested areas and replanted in existing areas.
- Since 2011, the country has planted over 50 million trees every year.
- This increases Malawi's carbon sinks.



# France

**Location:**

Northwestern Europe

**Population:**

66,218,000

- France has a plan for a net zero target.
- They are phasing out coal-fired power plants.
- France law declares a reduction of fossil fuel consumption by 30-40% by 2030.
- Improvement of about 7.2 million poorly insulated households will also reduce carbon emissions as their housing sector contributes 25% of all emissions, 45% of power used.



# Canada

**Location:**

Northern North American country

**Population:**

37,808,000

- Canada has made targets to to exceed their lower emissions objective by 2030 and achieve a net zero emissions goal for 2050.
- The country plans to invest in green jobs.
- Canada plans to reduce energy waste and pollution and work on better public transportation.
- Natural solutions will also be supported such as planting two billion trees and supporting sustainable farming.



# **Fiji**

**Location:**

Country in the South Pacific Ocean

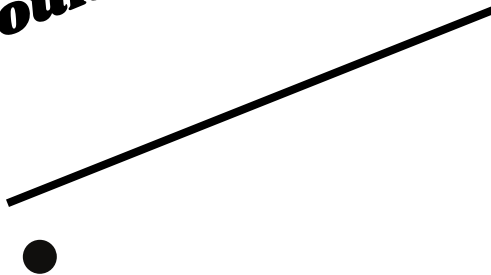
**Population:**

895,700

- Fiji has created a Low Emission Development Strategy (LEDS).
- The focus of this strategy is on preserving mangrove ecosystems and decarbonising land and maritime transport.
- Fiji will look to Implement a mix of energy sources such as wind, solar, hydro, and waste-to-energy.
- Plan to manage waste, aviation fuel,



**Country name**



**Location:**

**Population:**



**Country name**

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Location:

Population:



**Country name**

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Location:

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