

REYKAJAVIK, ICELAND

Reykjavik relies on renewable hydropower and geothermal plants to provide all of the heat, electricity and hot water for its 120,000 citizens. **The city plans on becoming fossil-fuel-free by 2050** and the final piece of that puzzle is hydrogen power. In the mid-2000s, the city began replacing its public buses with hydrogen-fueled buses – water being the only emission..

1st

VANCOUVER, CANADA

In 2012, Vancouver set out an action plan to become the **world's greenest city by 2020.**

- Hydroelectric power accounts for 90% of the city's energy supply,
- 10% is from renewables like wind, solar and wave power
- 250miles of bike lanes.

One of the lowest per capita carbon emissions of any major city in North America.

2nd

COPENHAGEN, DENMARK

- Large off-shore wind farm,
 - Considered to be one of the world leaders in clean technology.
 - Green roofs becoming widespread
- It is the city's goal to be the first carbon-neutral capital by 2025.**

OSLO, NORWAY

- 80 % of Oslo's heating is from renewable energy – mainly bio-methane from waste.
- Over the next 10 years, the city hopes to get that number up to 100%
- The city also uses "intelligent lights" which adjust their output depending on weather and traffic conditions, these have greatly improved the city's energy efficiency.

By 2030, Oslo hopes to reduce carbon emissions by 50% while all of Norway hopes to be carbon neutral by 2050.

NEW YORK, USA

- Is a leader in community-wide initiatives, building policies, utilities and public benefit programs as well as access to energy data.
- New York transit systems are well known.
- The city plans to double its recycling rate to 30 percent by 2017.

BOSTON, USA

Central to their energy efficiency strategy is community-wide programs and utility partnerships, including - Renew Boston, a public-private partnership to boost energy efficiency and alternative energy services for Boston residents and businesses.

SAN FRANCISCO, USA

- The city recycles 77% of its waste, Reserves nearly 20% of its land for green space
- Is a leader on the electric car front.
- Residents approved a \$100m bond initiative for renewable energy

PORTLAND, USA

Portland has long been one of the most environmentally friendly cities in the U.S.

- Eco-conscious citizenry that makes extensive use of bikes.
- Portland replaced its traditional street lights with LEDs and Set a goal of relying 100% on renewables.

MALMO, SWEDEN

- Most of Sweden's energy comes from nuclear power, the country has reduced its consumption of fossil fuels by 25% from 2008 to 2012.
- Measures in place for waste management, minimised transport and increased biodiversity.

LONDON, ENGLAND

In 2007 a climate change action plan was laid out, goals include:

- Switch 25% of its power generation to more efficient, local sources.
- Cut CO₂ emissions by 60% over the next 20yrs.
- Stiff taxes on automobiles - hitting SUVs particularly hard (electric vehicles and hybrids are exempt).

England now has 10 of the top 25 operational offshore wind farms.

