

Josephine Bahr Ljungdell
josephine.bahr@energimyndigheten.se

Facts and News - Sweden

The Swedish Parliament has set the following goals:

- The Swedish electricity supply should be 100 % renewable by 2040
- The energy use should be 50 % more efficient by 2030 relative to 2005, in terms relative to the GDP
- Net zero Swedish emissions of Greenhouse gases to the atmosphere in 2045; negative net emissions thereafter.

An agreement between four political parties form the basis of the government and includes action like the following:

- Easier and more profitable to invest in renewable energy for your own use, e.g. in solar PV and solar heating, or in sea-based wind power.
- Infrastructure for charging and for filling vehicles with fossil free fuels are to be expanded.
- Sale of petrol- or diesel-powered cars should not be allowed after 2030.
- Taxes on work and commercial activities to be lowered in exchange for increased environmental taxes.
- Investment support for pilot plants achieving negative climate emissions to be implemented.

The stated ambition of the Government is that Sweden should be the first fossil-free developed nation.

During 2020, the government planned to submit a bill on research and innovation policy, and a separate one on energy research and innovation policy. These are updated every four years. Due to political differences, the bill on energy R&I is delayed.

The Swedish National Energy Research and Innovation Programme is administered by the Swedish Energy Agency (SEA) and is focused on clean and efficient, sustainable energy solutions, products and services.

Date
11 Feb 2021

The support to small and medium sized companies for product development and innovation was evaluated during 2019 with excellent results. Contributions to the capital of the GreenTech Venture Capital Fund continues to be added.

To see some of the projects and enterprises we have funded over the years, please visit:

[Results from research and development \(energimyndigheten.se\)](https://energimyndigheten.se)

Three R&I funding agencies collaborate on Strategic Innovation Programmes. Among the programmes are Re:Source (on solutions for circular materials flow, reducing waste and energy use) and Viable Cities (aiming to have nine Swedish climate neutral cities or communities by 2030).

The Swedish Energy Agency has recently been given the task to develop both a Hydrogen strategy and a strategy for CCU+.

The following publication provides a quick overview of the Swedish energy system: [An overview of Energy in Sweden 2020 now available \(energimyndigheten.se\)](https://energimyndigheten.se)