



Finland and the European Green Deal:

Climate and energy targets in Finland

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#EUGreenDeal

To fight the climate crisis, the EU's goal is to cut its net greenhouse gas emissions by 55% by 2030. For Finland, this means **reducing emissions by 50% by 2030** in sectors outside the EU Emissions Trading System, compared to 2005. These include emissions from transport, buildings, agriculture and waste.

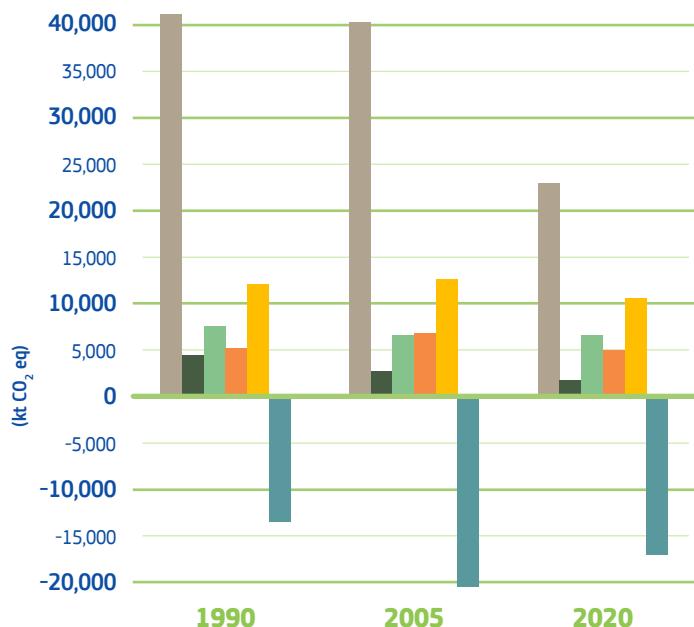
To get there, the European Commission estimates that **at least 51%** of Finland's final energy consumption would need to come from **renewable sources by 2030**.

With a national energy efficiency target of 1.4% reduction in final energy consumption by 2030 compared to 2017, there is potential for Finland to contribute more to the proposed EU-wide goals of 41.5% for primary energy consumption and 39% for final energy consumption.



Greenhouse gas emissions in Finland

We're on the right track. Since 1990, Finland has successfully reduced its emissions in several key sectors. However, land-based removals have been decreasing, and it is important to reverse this trend by 2030.



	1990	2005	2020
Energy	41,347	40,867	23,846
Waste	4,669	2,812	1,736
Agriculture	7,507	6,529	6,566
Industrial Processes	5,398	6,765	5,124
Transport	12,095	12,876	10,443
Land-based removals	-13,441	-20,494	-17,303
Total	57,741	49,444	30,479

Net removals of carbon in soils, forests and bio-based products; depending on the situation in the Member State, there could also be net emissions from the land sector

Benefits of climate action



As well as limiting the impact of global warming, climate action brings many other benefits:

More than
66%
of Finns

consider climate change
a serious problem.

- ✓ **It saves lives:** climate action helps improve air quality. Every year 1,500 Finns die prematurely due to air pollution. By delivering the European Green Deal, we can cut that number by 41%, saving some 615 lives.
- ✓ **It saves money:** improving energy efficiency, insulating homes and installing renewable energy lowers energy bills.
- ✓ **It protects nature:** restoring natural landscapes to capture carbon is great for biodiversity.
- ✓ **It strengthens energy independence:** more renewable energy means less dependence on oil and gas imports.
- ✓ **It boosts innovation:** the climate transition creates a powerful incentive to develop climate-friendly technologies, boosting growth and creating jobs.

Climate action is worth it, and Finns know it. The majority (61%) believe national governments are responsible for tackling climate change, while over 7 in 10 (73%) have taken action themselves.

70%
of Finns



believe the damage due to
climate change is higher
than the investment needed
for a green transition.

Financing Finland's green transition

Various European funding sources are available to support Finland's green transition.



EU budget sources

Just Transition Fund

465.7 million
(2021-2027)

Cohesion Policy Funds (ERDF, ESF+, Cohesion)

447.7 million
(2021-2027)

Recovery and Resilience Fund

1.1 billion (in grants)
(2021-2026)

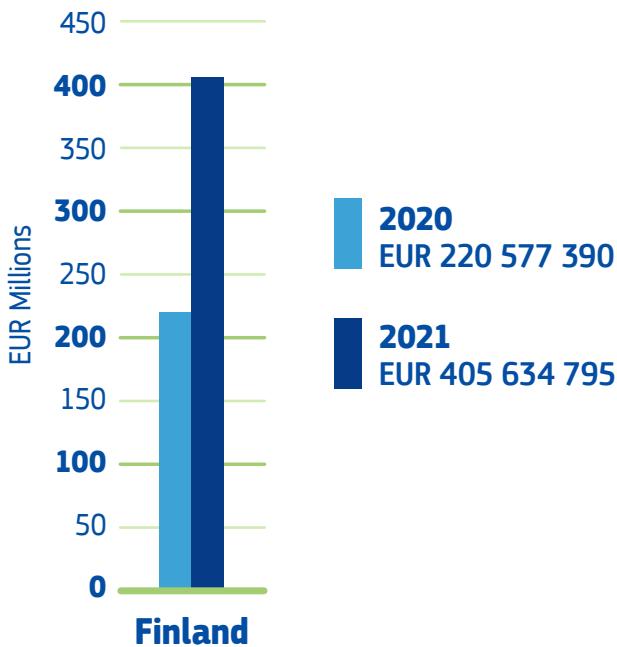
Social Climate Fund*

387 million
(2025-2032)

* The Social Climate Fund was proposed by the Commission in July 2021 and will accompany the new Emissions Trading System (ETS) for road transport and buildings. The fund will help vulnerable households and micro-enterprises invest in clean heating, electric driving, solar panels, and more.



Revenues from the Emissions Trading System



Revenues from the sales of emission allowances largely stay with the national government. In addition, some ETS revenues flow into the Innovation Fund, which seeks to incentivise investment in the next generation of low-carbon technologies.

The **Sustainable Hydrogen and Recovery of Carbon project** (SHARC) in Porvoo will reduce greenhouse gas emissions by moving away from the production of fossil-fuel based hydrogen towards both renewable hydrogen production (through the introduction of electrolysis) and hydrogen production by applying carbon capture technology. In the first ten years of operation, the SHARC project will avoid the emission of more than 4 Mt of CO₂eq.