



Ympäristöministeriö
Miljöministeriet
Ministry of the Environment



Built Environment

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Government Programme - Objectives

- Finland will achieve carbon neutrality by 2035 and aims to be the world's first fossil-free welfare society and will
- Strengthen the role of the Climate Change Act as a guiding instrument
- Update Finnish medium-term climate change policy plan and national climate and energy strategy so we can reach the 2030 emissions reduction level required to achieve carbon neutrality
- Phase out the use of fossil fuel oil in heating by the start of the 2030s. Oil heating will no longer be used in properties owned by the central and local governments by 2024. A separate action plan will be adopted to encourage properties using oil heating to switch to other forms of heating during the 2020s.
- In cooperation with industry operators, we will create sector-specific low-carbon roadmaps that will be brought in line with our new climate actions.



Government Programme - Objectives

- Finland will **support sustainable urban development** and increase housing construction in growing urban areas
- Finland will **reduce the carbon footprint** of construction and housing and will
- adopt an energy subsidy scheme designed especially for housing companies with the goal of supporting **improvements in energy efficiency**
- continue to offer subsidies for building **charging infrastructure for electric cars**
- continue to implement the **low-carbon construction roadmap** and develop a **legislative framework based on the carbon footprint of buildings** throughout their lifecycle
- enhance the efficiency of the **circular economy and the recycling of materials in the construction sector**
- **promote wood construction**, as wooden buildings also function as carbon stores
- set minimum requirements for building charging infrastructure for electric vehicles at properties in connection with major renovations



Reform of the Land Use and Building Act

- **The main objectives of the reform are to create a carbon neutral society, strengthen biodiversity, improve the quality of construction and advance digitalisation**
- The mitigation of climate change will be taken into account in land use planning, construction and the maintenance of the building stock. Community structures must support adaptation to climate change and motivate people to choose walking, cycling or public transport, particularly in urban areas.
- We will safeguard cultural environments and strengthen biodiversity, including in urban environments. We will improve people's opportunities to participate in society.
- **A national digital register and data platform for the built environment will be established to be utilised in the decision-making and processes related to land use and building** (ie leading to a digital twin of the built environment)



Carbon footprint during building life cycle

- The plan is **to start regulating the carbon footprint during a building life cycle** in the mid-2020s.
- The Ministry of the Environment is currently developing and testing a national method of calculating the building carbon footprint and preparing a national building material emission database.
- During the early stage, the carbon footprint regulation will probably only cover new buildings. The calculation method may also be applied to renovation.
- Once the calculation method and the emission database are complete, emissions during major renovations may be included as one of the indicators describing the status of the 2020 building stock.



Subsidies and aids in Finland (2020)

- Interest subsidy loans: Renovation of residential buildings (publicly owned)
- Guarantees for loans: Renovation of private housing companies
- Renovation subsidies: for special interest groups (including single-family homes)
- Energy aid for residential buildings (including single-family homes)
- Aid for building charging infrastructure for electric cars
- Aid to replace oil heating in single-family homes

Planned:

- Aid to replace oil heating in municipal buildings



The magnitude of Green Recovery under construction enables kickstart for

- **European energy renovation wave**
- **Building charging infrastructure for electric cars**
- **European circular economy with carbon neutral production**
- **European digital transition**
- **New design of low carbon buildings**



Thanks for your attention!

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Ministry of the Environment



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