



YMPÄRISTÖMINISTERIÖ
MILJÖMINISTERIET
MINISTRY OF THE ENVIRONMENT

Government Foresight
Report on Long-term
Climate and Energy
Policy:
*Towards a Low-carbon
Finland*

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- New framework for climate and energy policy

- Climate change is the most pressing challenges of our time
- Finland is committed to reduce its' emissions at least 80 per cent from the 1990 level by 2050
- The shift to a low-carbon society without jeopardising wellbeing
- Update the scientific information regularly



- Need for something that doesn't exist
 - Emission-free energy system in the long term
 - Gradually out of fossil fuels and peat → unless carbon-capture technology is installed
 - Safeguard competitiveness → minimize the threat of carbon leakage
 - **Energy efficiency** as a key factor: there is no environmentally trouble-free energy production

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- Huge need for renewable energy

- Renewable energy sources play an essential role
- Promote energy solutions that are truly resource and cost efficient
- Supports the creation of a domestic markets for sustainable technology
- Development must be based on efficient and environmentally responsible use of all of our scarce resource



● What Copenhagen agreement needs to cover

- Ambitious, comparable emission reduction commitments by all developed countries
- A commitment to nationally appropriate mitigation action by developing countries
- Sufficient financial support and technology co-operation with developing countries
- A solid institutional arrangement to support the agreement in an effective, equitable and transparent way

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- Essential: shift to sustainable development

- *Global green new deal is already taking place*