



**“The National Energy and Climate Plans &
the EU Recovery Plan: The Finnish Green Vision”**

24.9.2020

How to stimulate investments in Building Renovation?

Päivi Laitila, Motiva Oy



Sustainable
Development
Company

Key figures 2019



68

Motiva is

100 %

State-owned

61
Person-
years

Turnover

7,8 milj. €

www.motiva.fi



Legislation Strategic goals

How to
stimulate
investments
in building
renovation?



Energy and renovation subsidies,
other financial mechanisms



Incentives to change to
low carbon heating



Information and advise,
best practices



Low carbon roadmaps
Energy Efficiency Agreements



Competence and capacity building

Long-term renovation strategy 2050

Brings out a wide scope of views on renovation, its ways, means, and needs.

Strategy that meets Finnish needs while complying to the directive's requirements.

2020

Energy Performance of Buildings Directive (EPBD), art 2a), March 2020

Long-term renovation strategy aims for very energy efficient and low carbon building stock by 2050.

2050

Ministry of the Environment (by Motiva Oy, VTT, Tampere University of Applied Sciences and Finnish Environmental Institute) with over 540 participants representing nearly 150 Finnish organisations.

Long-term renovation strategy - goals

Goals by 2050

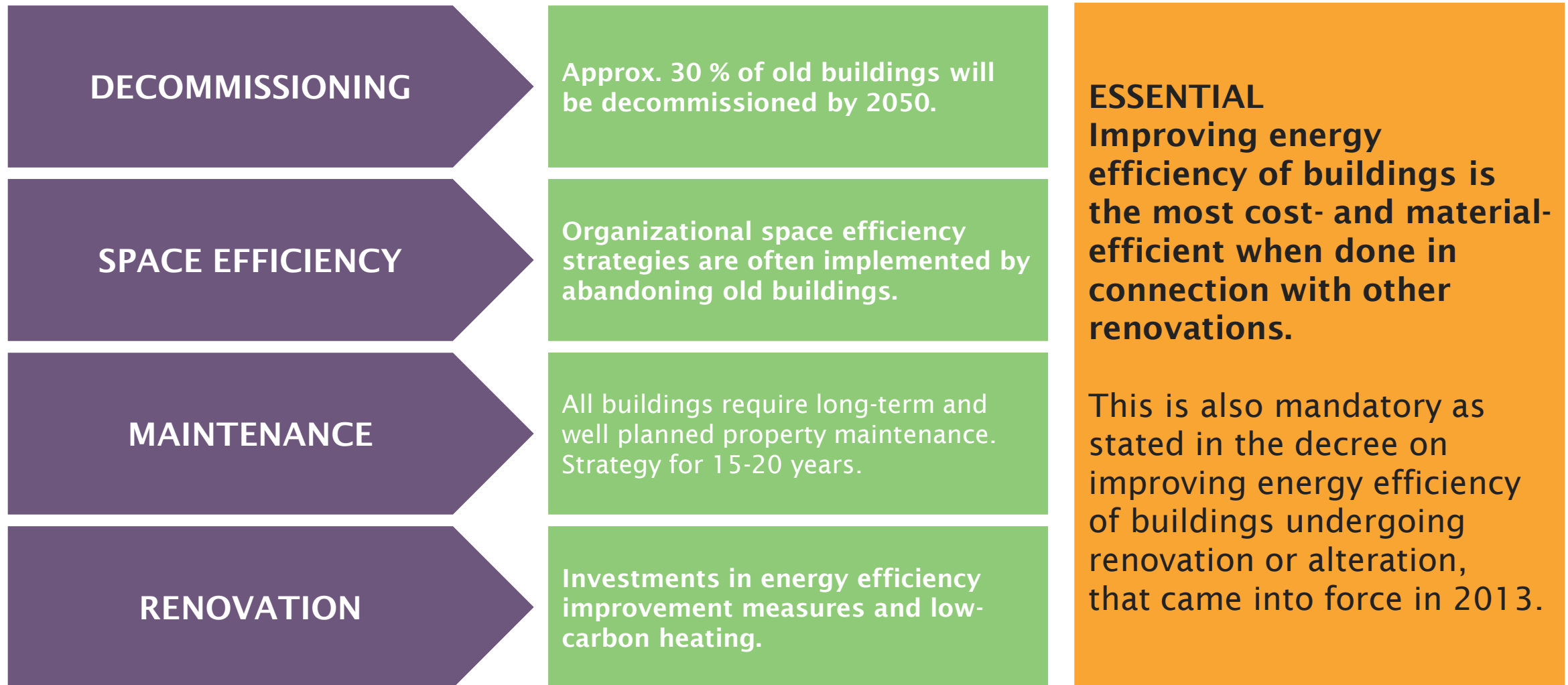
to **reduce** CO₂ emissions
from buildings by
90 %

to **increase** the share of
near-zero energy buildings from
10 %
to more than
90 %

- The strategy applies to residential and service buildings completed by the beginning of 2020, which total 1.4 million.
- **Heating residential and service buildings** causes about 7.8 Mt of carbon dioxide emissions per year.
- This is about **17 % of Finland's current carbon dioxide emissions** (46 MtCO₂).

https://ec.europa.eu/energy/topics/energy-efficiency/energy-efficient-buildings/long-term-renovation-strategies_en#national-long-term-renovation-strategies-2020

Strategic measures of Long-term renovation strategy



Financial mechanisms

- **Governmental grants, aids, subsidies and guarantees for loans**
 - **Energy aids** for residential buildings (including single family homes) 2020-2022
 - **Aid to replace oil heating** in single family homes (2020-2022)
 - Planned: aid to replace oil heating in municipal buildings
 - **Renovation subsidies:** for special interest groups (including single family homes)
 - Interest subsidy loans: Renovation of residential buildings (publicly owned)
 - Guarantees for loans: Renovation of private housing companies

- **Other financial instruments and mechanisms**

- Green/sustainable bonds
- Environmental impact bonds
- Green mortgages
- Public and private partnerships
- Private funds
- ESCOs



Other measures to stimulate investments in renovation

Communication, information

Financial mechanisms,
Examples and Best
practices of cost
effective measures

Advise on renovation and financing to relevant target groups

(what, how, and with what
money?)
Neutral, reliable advise

Competence and capacity building

How to procure financing?
How to plan and execute
renovations?



Drivers of renovation

Low carbon roadmaps

2020

Sectoral low-carbon road maps (>10)

- Prepared in cooperation with companies and organizations
- A detailed picture of the scale and measures needed into transition of low-carbon society.

<https://tem.fi/en/low-carbon-roadmaps-2035>

Energy efficiency agreements

(2008-2016), (2017-2025)

The principal method to promote the efficient use of energy. Covering more than 60% of Finland's total energy use.

- 16 TWh annual cumul. energy savings in 2016
- Corresponds more than the annual heating energy consumption of all residential block of flats

<https://energiatehokkuussopimukset2017-2025.fi/en/>



Sustainable Energy Investment – Forum in Finland Tuesday 29th September

Cross-sectoral dialogue on available energy efficiency financing possibilities and needs. Current information on financing, including recovery funds.

Interested?

Contact Motiva by Friday 25th of September to receive your invitation!

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Organisers:

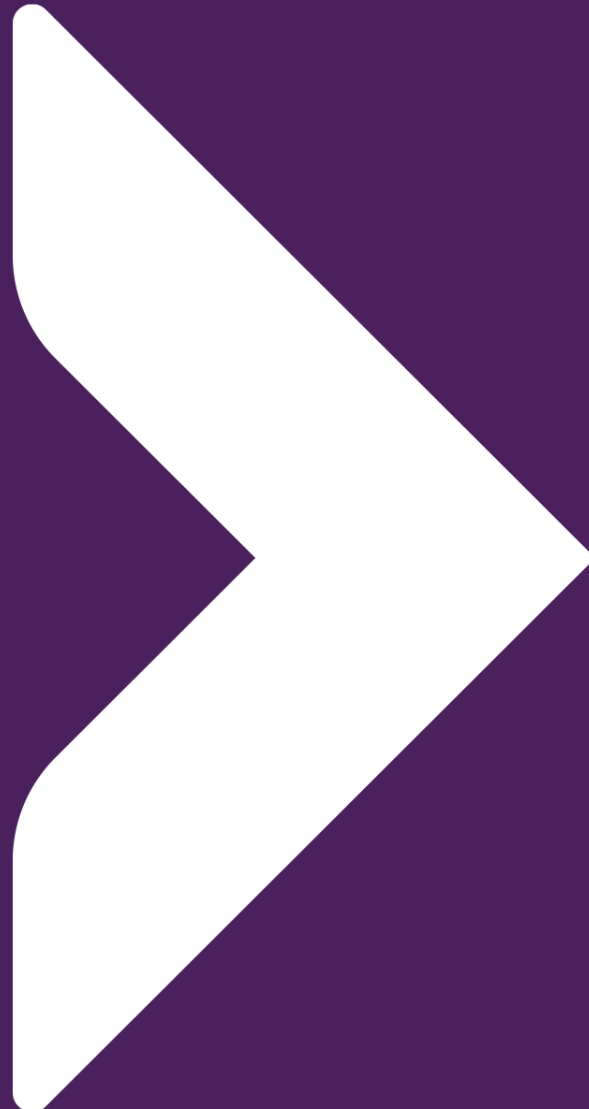


Ministry of the
Environment Finland



Ministry of Economic Affairs
and Employment of Finland





Thank You!

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