Neue Zielsetzungen für die energetische Gebäudesanierung in Europa

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Tuesday, 30 June 2020, 9-12 am

Online-Konferenz
Energetische Gebäudesanierung in Deutschland und Frankreich:
Fördermechanismen, Akteure und Finanzierung
OFATE/DFEWB
European targets
EU Green Deal & Paris Agreement:
Climate neutrality by 2050

Binding targets for non-ETS sectors
for 2030:
-30% compared to 2005
DE: -38% compared to 2005
FR: -37% compared to 2005

Decarbonised & highly efficient
building stock by 2050

National Energy and Climate Plans (NECP)

Art. 2a Long-term renovation strategies (LTRS)
European Green Deal and the building sector

- Tackle climate & environmental related challenges
- Protect health and wellbeing of citizens
- Transform the EU into a prosperous and fair society

→ Objective of actions for the building sector: addressing the twin challenge of energy efficiency and affordability
EGD: areas of action

- Rigorous enforcement of existing legislation
- Evaluate the extension of the ETS to the building sector
- Review of the Construction Products Regulation
- Renovation Wave
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LTRS give an indication about implementation and gaps
Is Europe on track?
The European building stock

Source: BPIE (2017) Factsheet
We need a highly efficient and decarbonised building stock by 2050

Renovation is the main challenge!

80% of the current building stock will remain in use in 2050
What needs to be addressed? – the European building stock in numbers
Floor space of residential and non-residential buildings across the EU

France and Germany have the largest building stock per floor area in the EU

Source: BPIE Europe’s buildings under the microscope
Residential building stock

92 million Single Family Houses

SFH breakdown by age bands
- up to 1970: 9%
- 1971 - 1980: 15%
- 1981 - 1990: 15%
- 1991 - 2000: 18%
- post 2000: 43%

25 million Multi Family Houses

MFH breakdown by age bands
- up to 1970: 6%
- 1971 - 1980: 11%
- 1981 - 1990: 16%
- 1991 - 2000: 57%
- post 2000: 10%

Distribution of population by dwelling type

Source: EU BSO
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Distribution of population by dwelling type

Source: EU BSO
Energy consumption across the EU

Average space Heating and Cooling consumption

Source: EU BSO
Final energy demand for heating and cooling in Europe

Final energy demand for heating and cooling in Europe

Ways forward
The Renovation Wave

A strategic communication expected in September 2020, it will include:

• An Action Plan that defines next steps and outline the timeline for new possible measures.

• It will consider legislative and non-legislative instruments and enabling tools, financing and non-financing aspects, and different levels of action (EU, national and local or regional).

A public consultation running until 9th July 2020
Renovation Wave: this is communicated already

- Create a new platform to bring stakeholders together
- Innovative financing (within the framework of InvestEU) targeting housing associations and energy service companies
- Organise renovation in bigger projects to reach scale effects ("aggregation")
- Remove regulatory barriers for energy efficiency investments in rental building and apartments with multiple owners
- Focus on renovation of schools, hospitals and social housing
Our view
The RW must put the building sector on a pathway towards climate neutrality

**IN A CLIMATE-NEUTRAL EUROPE, BUILDINGS WILL BE...**

- Healthy and foster well-being
- Part of the energy system infrastructure
- Highly energy efficient
- Circular in materials and use
- Fossil fuels free
- Resilient to climate risks
Key recommendations

Implementation & enforcement of the EPBD
- Full assessment of the LTRS, especially long-term goals as well as the “wider benefits”
- Monitor and assess NZEB obligations

Consider new and reviewed provisions
- Improve reliability and consistency of EPC across MSs
- Develop measures to tackle the worst performing buildings
- Expand and strengthen the obligation to renovate public buildings

Create a supportive framework to mobilise investment
- Recognise buildings as a key priority infrastructure
- Mobilise EU funds in support of the RW
Merci beaucoup… Vielen Dank…

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