Renovation Wave
Revision of the EPBD

13th BUILD UP Skills European exchange meeting
30 November 2021

#EUGreenDeal
"We are determined to tackle climate change and turn it into an opportunity for the European Union”.

President von der Leyen
The European Green Deal

Transforming the EU's economy for a sustainable future

- Mobilising research and fostering innovation
- A zero pollution ambition for a toxic-free environment
- Preserving and restoring ecosystems and biodiversity
- From 'Farm to Fork': a fair, healthy and environmentally friendly food system
- Accelerating the shift to sustainable and smart mobility

Building and renovating in an energy and resource efficient way

- Increasing the EU's Climate ambition for 2030 and 2050
- Supplying clean, affordable and secure energy
- Mobilising industry for a clean and circular economy

Financing the transition

Leave no one behind (Just Transition)

And leave No one behind

The EU as a global leader

A European Climate Pact
The 2030 Climate Target Plan

- EU-wide, economy-wide greenhouse gas emissions reduction target of **at least 55%**, including emissions and removals, by 2030 compared to 1990
- **Actions required across all sectors** of the economy and launch of revisions of the key legislative instruments
- Public debate in autumn 2020 to increase the EU’s contribution to the Paris Agreement before the end of the year and set the stage for the Commission to make detailed legislative proposals by June 2021

https://ec.europa.eu/clima/policies/eu-climate-action/2030_ctp_en
Building Renovation for Climate Neutrality and Recovery

The building sector is one of the largest energy consumers in Europe, responsible for more than one third of the EU's energy-related emissions.

Effective actions are crucial to make Europe climate-neutral as:
- Only 1% of buildings undergo energy efficient renovation every year
- Roughly 75% of the building stock is energy inefficient
- Almost 85-95% of today's buildings will still be in use in 2050

Therefore, by 2030:
- 35 million buildings could be renovated and
- Additional green jobs created in the construction sector
The Renovation wave
Greening our buildings faster, Creating jobs, Improving lives

On 14 October 2020, the European Commission presented its Renovation Wave Strategy. The Commission aims to at least:

• double renovation rates in the next ten years
• make sure renovations lead to higher energy and resource efficiency

This will enhance the quality of life for people living in and using the buildings, reduce Europe's greenhouse gas emissions, foster digitalisation and improve the reuse and recycling of materials
Making Europe’s Buildings Remarkably Different

- Energy efficiency first’ as a horizontal guiding principle
- Affordability, making energy-performing and sustainable buildings widely available, in particular for medium and lower-income households and vulnerable people and areas
- Decarbonisation and integration of renewables
- Life-cycle thinking and circularity. Boosting know-how and workers’ skills in the renovation sector
Making Europe’s Buildings Remarkably Different

High health and environmental standards.

Tackling the twin challenges of the green and digital transitions

Respect for aesthetics and architectural quality.
Renovation must respect design, craftsmanship, heritage and public space conservation principles.
One Key action of the RW: Creating green jobs, upskilling workers and attracting new talent

Supporting Member States to update their national roadmaps for the training of the construction workforce through the Build Up Skills Initiative and helping implement the 2020 European Skills Agenda

- Launch of the Pact for skills in November 2020

  One year on, more than 450 organisations from all Member States have signed up pledge to reskill over 1.5 million people in Europe – and the community is growing

  Construction ecosystem: Commissioners Schmit and Breton held a roundtable with stakeholders, followed by several technical meetings.

- Continuation of the Build Up Skills initiative under the LIFE CET programme
EPBD revision announced in the Renovation Wave Strategy:

- Proposal to introduce **mandatory minimum energy performance** standards in EPBD
- Revision of provisions on **Energy Performance Certificates** in EPBD
- Proposal on **Building Renovation Passports**, deep renovation definition

Concerted efforts at all levels to deliver renovation to **35 million building units** by 2030

At least **double the annual energy renovation rate**

Make **deeper energy renovations** happen
Policy measures being considered

• Minimum Energy Performance Standards
  • New instrument to be introduced, several design options possible

• Deep Renovation
  • Establish a definition revisiting the ~60% energy savings

• Building Renovation Passport
  • Gradual steps, link with other instruments

• Strengthening of energy Performance Certificates
  • Improve quality and comparability
  • Improve accessibility for users (digital tool, national databases)
  • Improve information role of EPCs by enlarging the set of information

• Decarbonisation of buildings
  • New buildings from NZEB to “net zero emissions buildings”
  • GHG metric in EPCs

• Smart Readiness Indicator
  • Accelerate next steps and create synergies with other tools

• Electro-mobility
  • Strengthen requirements for recharging
  • New requirements for e-bikes and e-scooters?
Brigitte Jacquemont – DG ENER
Read more on the Energy performance of buildings directive