



ECTP Annual Conference – 2 December 2021

Energy policy development update

European Green Deal

Renovation Wave

Fit for 55 – July Package

December upcoming Package

Robert Nuij, deputy Head of Unit, Energy Efficiency Unit -
ENER.B2

Policy context – the European Green Deal



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:

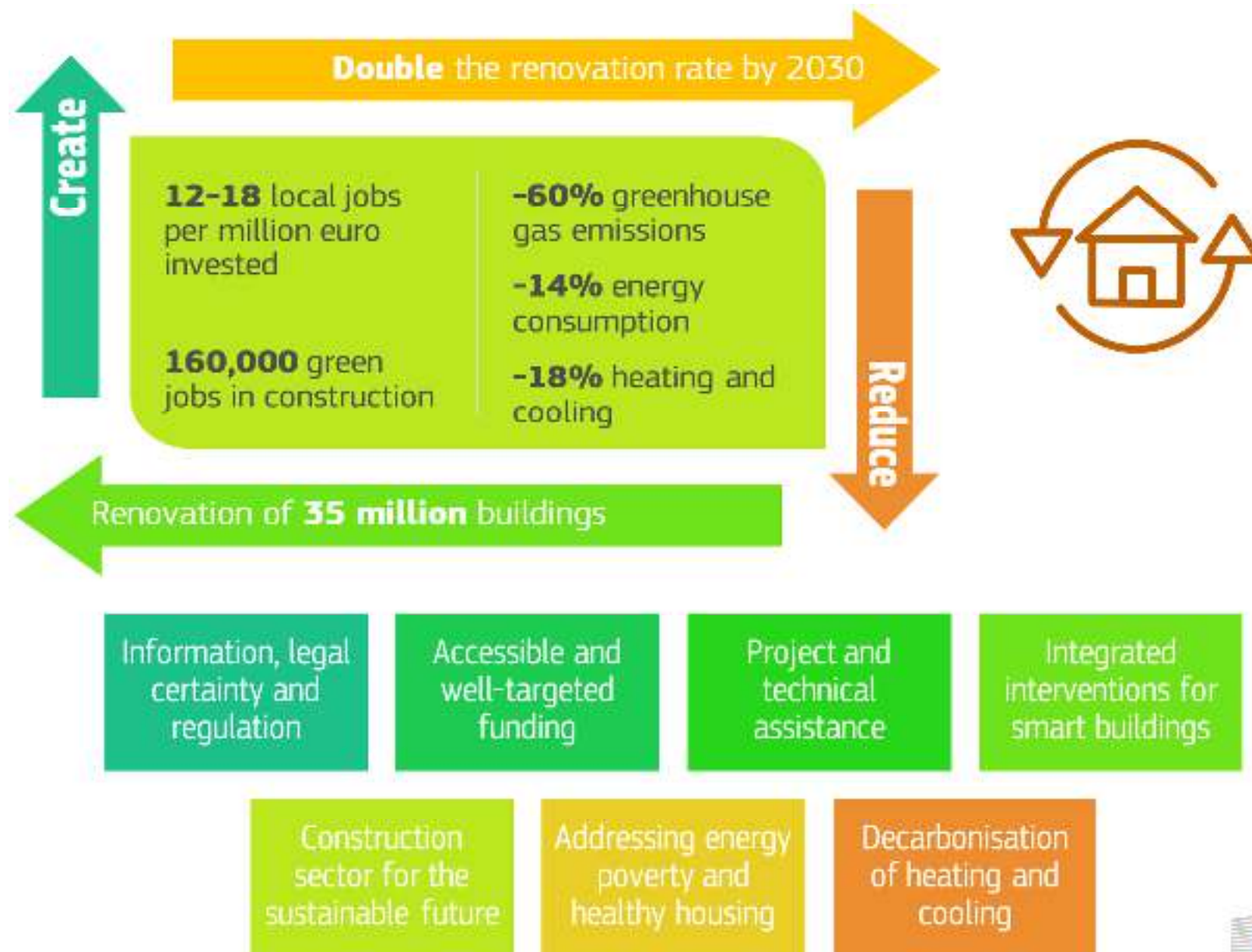
- Only 1% of buildings undergo energy efficient renovation every year
- Roughly 75% of the building stock is energy inefficient
- Almost 85-95% of today's buildings will still be in use in 2050



Therefore, by 2030:

- 35 million buildings could be renovated and
- Additional green jobs created in the construction sector

The Renovation Wave – Objectives and Lead actions



The Fit for 55 Package – Overview



The package aims to make the EU 'fit for 55' and **deliver the transformational change** needed in a

- **fair,**
 - **cost-efficient** and
 - **competitive**
- way.**

It cements the **EU's global leadership** by action and by example in the **fight against climate change**

Revising the Energy Efficiency Directive

- Updated **binding EU energy efficiency target of 9% reduction** in primary and final energy consumption (against 2020 reference scenario)
- **Indicative Member State contributions** to the EU-level energy efficiency target
- Reinforcement of the **Energy Efficiency First Principle**
- Measures to alleviate **energy poverty and boost consumer empowerment**



Revising the Renewable Energy Directive

- Increased renewables ambition in key sectors: **heating and cooling** (mandatory annual increase of 1.1% RES share), transport, industry, **buildings** (indicative 49% RES share by 2030)
- Boosting the deployment of and the investment in renewable energy
- Sustainable bioenergy reinforced criteria in line with the EU Biodiversity Strategy

Renewables in the EU energy mix



19.7%

Current renewables share (in 2019)

32%

Current EU 2030 target

40%

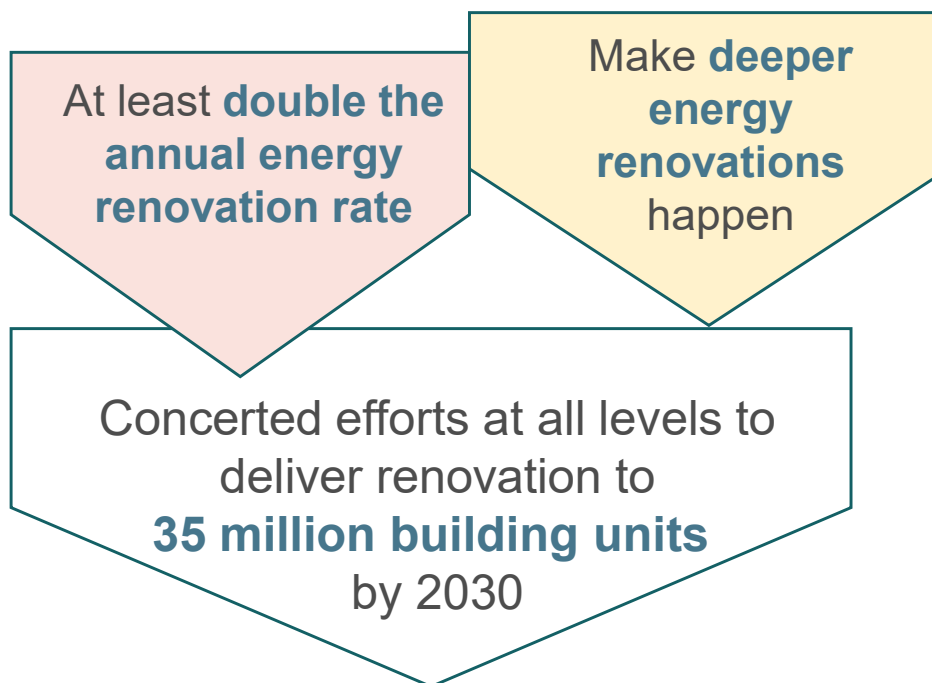
New EU 2030 target

Revision of the Energy Performance of Buildings Directive – December Fit-for 55 Package

Regulatory reinforcement key to deliver the Renovation Wave ambition

EPBD revision announced in the Renovation Wave Strategy:

- Proposal to introduce **minimum energy performance** standards in EPBD
- Strengthening of provisions on **Energy Performance Certificates** in EPBD
- proposal on **Building Renovation Passports, deep renovation definition**
- Adoption of the EPBD revision foreseen in **Q4 2021**



The role of Built4People partnership and R&I in the built environment toward the Climate and Energy ambition

- Horizon Europe Built4People co-programmed partnership:
- Address **built environment sustainability** through R&I and strengthen the **link between R&I and policy** in the built environment sector;
- Extremely **relevant in term of policy implementation**:
 - delivers on Renovation Wave Action Plan – R&I action point to step-up building renovation ambitions;
 - **enable solutions for future-proof sustainable buildings** toward 2050 carbon-neutrality objectives
 - **rooted on a people-centric innovative approach** steered to high-quality architecture, inclusiveness and participatory design, for a Just Transition that leaves no one behind



Thank you

Robert Nuij, deputy Head of Unit, Energy efficiency unit, ENER.B2