



Renovation Wave

Greening our buildings

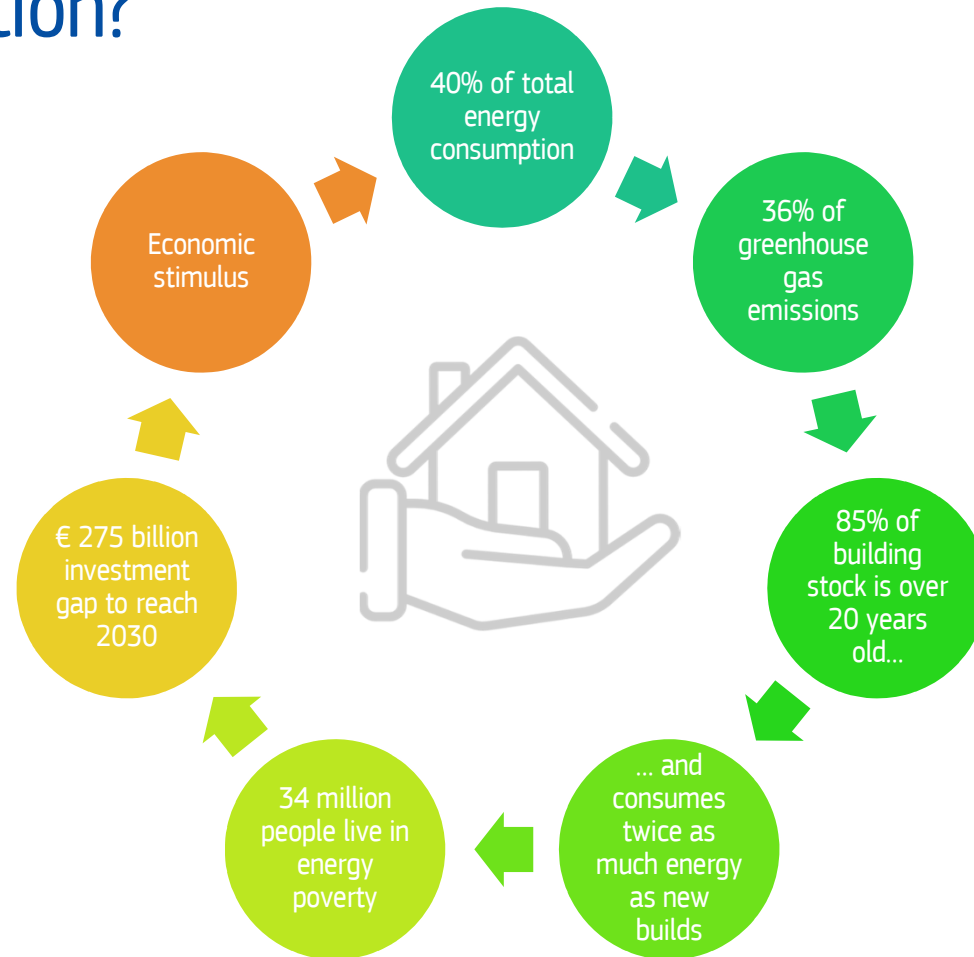
Creating jobs

Improving lives

Pau Garcia, policy officer unit Energy efficiency: buildings and products

SP2020, 30 October 2020

Why renovation?



Where are we now?

An established framework ...

- Clean Energy for All Europeans Package 2018 and 2019
- A solid basis for energy market integration, renewables deployment and energy efficiency promotion
- Existing regulatory framework and funding instruments to promote energy efficiency, building renovation and renewables deployment at building, neighbourhood and district level

... impact to be scaled up

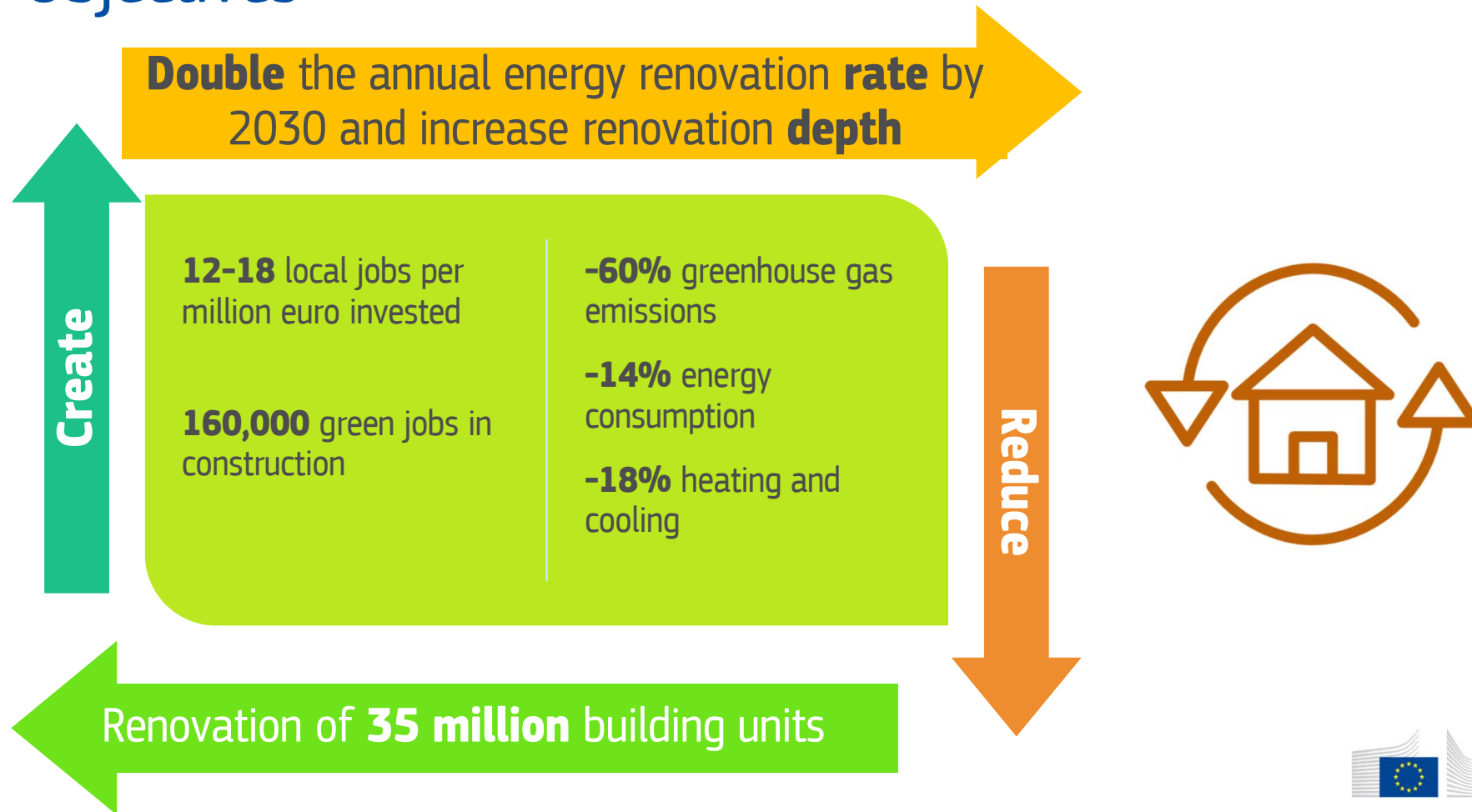
- Only 11% of existing building stock undergoes renovation each year
- Renovation works only rarely address energy performance of buildings
- Currently, annual weighted average of energy renovation is only 1%
- Renovation is held back by barriers throughout the value chain

Renovation Wave

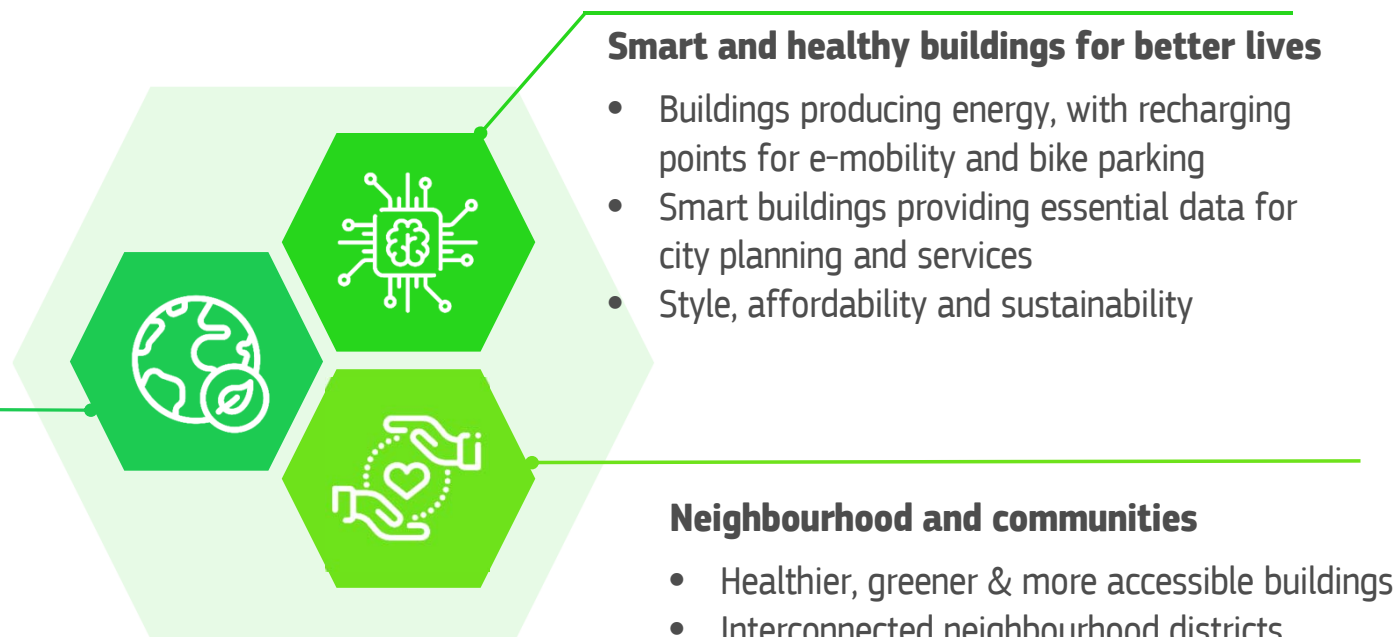
What is the 'Renovation Wave'?

- Major initiative by the European Commission in the framework of the European Green Deal
- Strategic communication published on 14 October 2020, containing an Action Plan for the years to come
- Concerted action at all levels, from the local to the regional, national and European

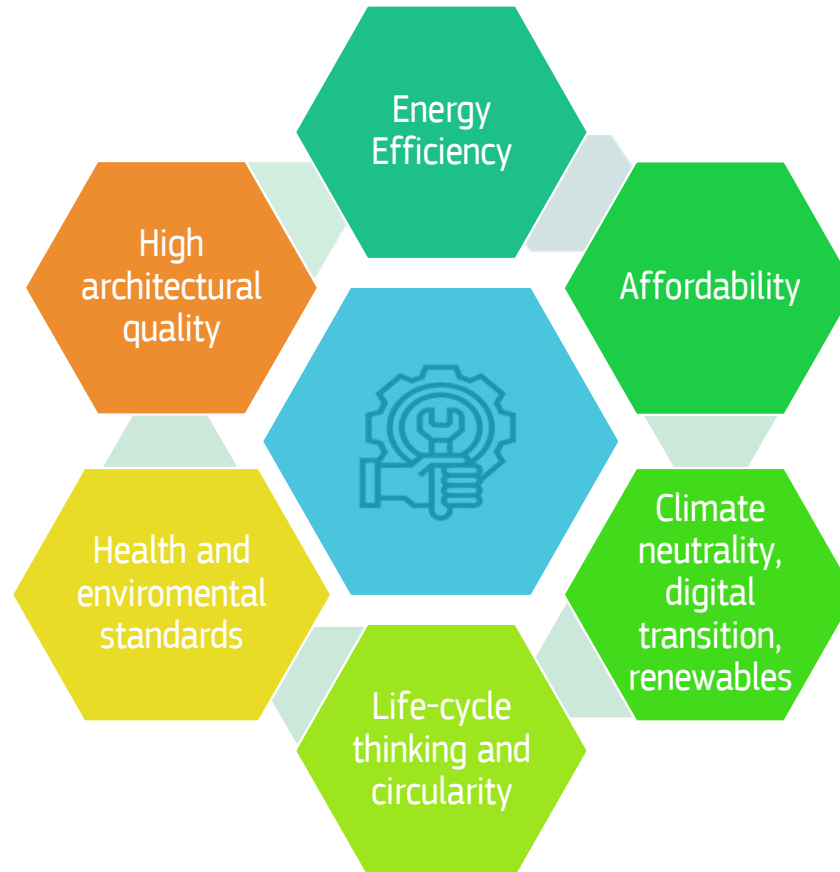
Objectives



A transformative agenda



Key principles for an integrated approach



7 lead intervention areas

Information, legal
certainty and
regulation

Accessible and
well-targeted
funding

Project and
technical
assistance

Integrated
interventions for
smart buildings

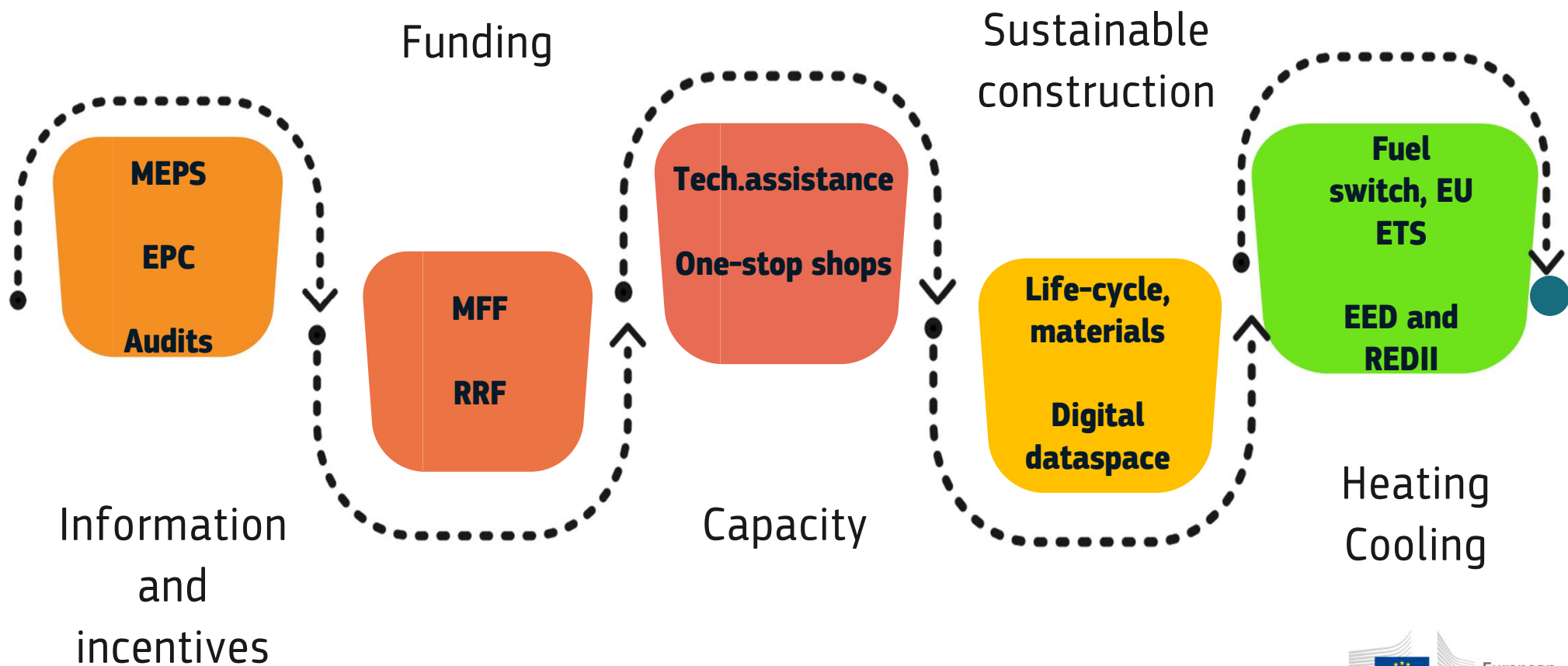
Construction
sector for the
sustainable future

Addressing energy
poverty and
healthy housing

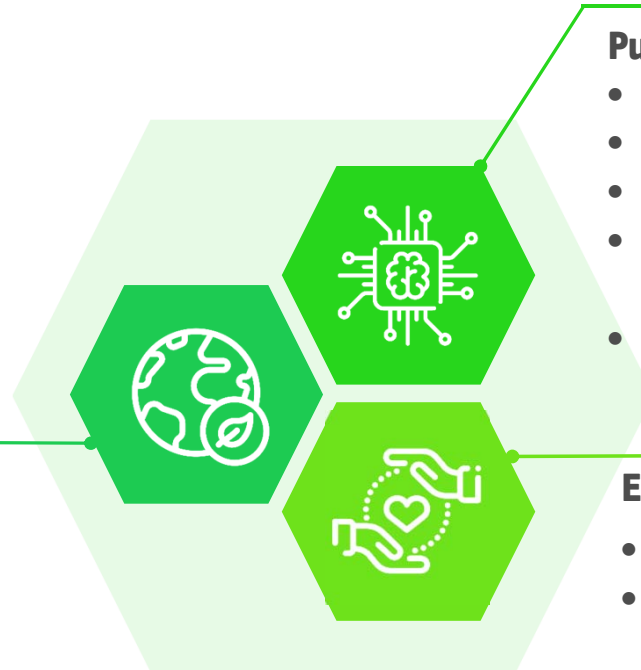
Decarbonisation
of heating and
cooling



Actions to remove barriers



Focus areas



Heating and cooling

- efficient and low-CO2 tech
- target for RE supply
- minimum threshold of RE

Public buildings

- renovation requirements
- MEPS + milestones for 2030, 2040 and 2050
- guidance on EEF principle
- public procurement (life-cycle and climate resilience)
- RRF and MFF funds + TA

Energy poverty

- a recommendation on energy poverty
- LTRS: developing effective strategies to combat energy poverty through renovation
- mandatory minimum energy performance standards
- One-stop-shops, standardised solutions (financing, technology)
- Affordable Housing Initiative

EU budget to kick-off the Renovation Wave

for Direct Investments

- Recovery and Resilient Facility
- Cohesion Policy Funds (ERDF, ESF, EU-REACT)
- Just Transition Mechanism - JTF

To leverage private investments

- InvestEU
- Private Financing 4 Energy Efficiency
- European Energy Efficiency Fund

for Research & Innovation

- Horizon Europe
- Built 4 people
- EGD Calls
- Smart Cities

To address Market Barriers

- LIFE – Clean Energy Transition
- LIFE – Circular Economy & Quality of Life

For Technical Assistance and Advisory

- ELENA Facility
- Technical Support Instrument
- Technical Support – Cohesion Policy

Bauhaus Initiative

What is the 'Bauhaus Initiative'?

- Inspired by the Bauhaus art school
- Bridge between the world of science and technology, and the world of art and culture
- Combining good design and sustainability
- Demonstrate that the necessary can also be beautiful
- Forum, laboratory, accelerator, meeting place

Bauhaus Initiative

What is the 'Bauhaus Initiative'?

- Rollout-steps:
 - 1 - Design phase
 - Gathering: designers, architects, artists, digital experts, scientists, entrepreneurs, engineers and students.
 - Until summer 2021: co-creation process
 - Define and shape the movement
 - Commitment to people, sustainability, and innovation

Bauhaus Initiative

What is the 'Bauhaus Initiative'?

- Rollout-steps:
 - 2 - Delivery phase
 - Calls for proposals under the next MFF
 - Second half of 2021
 - 5 new European Bauhaus projects in different Member States
 - 3 - Diffuse phase

Thank you