# **2017 Legislative Reviews of the EPBD and EED** How to make Renovate Europe's NZEB vision a reality by 2050

### What is the Renovate Europe vision?

Reduce energy demand of the building stock

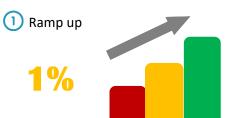
by 80% by 2050

This will bring the energy performance of the entire building stock to a highly energy efficient level, known as Nearly Zero Energy Building performance level

### What is an NZEB building stock?

A 'decarbonised building stock' consists of highly energy efficient (currently identified as nearly zero energy standard (nZEB)), comfortable buildings at EU level. These buildings will be the cornerstone for the decarbonisation of the building stock and an essential enabler for the transformation of our energy system. It means that on average, the overall energy demand of the building stock in the EU will improve by 80% by 2050 as compared to 2005 levels of energy demand

### How to achieve an NZEB building stock by 2050?



renovation rate from

per year

(2) Ensure that all renovations are

Drive the formulation and implementation of an effective **EU policy & legal** 

What changes in the EPBD and EED will help us achieve an NZEB building stock by 2050?

## AT FULL EU BUILDING STOCK level

A clearly defined long-term vision to 2050 will provide market certainty and will drive investment. The wording proposed in the EPBD review reads "...2050 goal to decarbonise their national building stock..". Renovate Europe calls for a 2050 vision for the building stock with clear intermediate milestones for 2030 and 2040 in both the EPBD & EED which:



(3)

### Puts **Energy Efficiency First**

to ensure that the 2050 decarbonised building stock primarily reduces energy demand, meaning that it will be easier for renewables to supply the small residual energy needs

Includes intermediate targets for 2030 and 2040 in order to better measure progress

**Encourages financial incentives** 

to strengthen the implementation of the national renovation strategies



# ... AT NATIONAL BUILDING STOCK level

**National Renovation Strategies** enable Member States to look holistically at their full building stock and define a plan of action that fits best to national circumstances and building segments. The Commission proposal transfers the National Roadmaps from the EED to the EPBD, and **integrates them into the National Energy & Climate Plans**. Renovate Europe calls for the future legislative text to specify Roadmaps should include:

Strong **engagement of stakeholders** in the drafting of the Roadmap, which will improve the quality and increase stakeholder ownership, leading to better roll-out

**Ambitious objectives** and measures to transform the building stock to NZEB level by 2050



Tangible ways of phasing out worst performing buildings to achieve ambitious objectives, by maximising on **'trigger points'** in a building's life when renovation works are easier: change of ownership, extension planned etc

Underpin the Roadmap with **Coherent programmes and financing schemes** in order to facilitate implementation. Public funding is to be used to reduce risk perception and cover the costs of initial investment, while innovative financing models is to be used to leverage private funding

Increase the share of **Structural Funds** which is used to support energy renovation

Reporting timeframe and targets of the Roadmaps must be in-line with the **Paris Agreement on Climate Change** 

Renovate Europe supports the proposed extension of **Energy Efficiency Obligation Schemes** (EED's Article 7) beyond 2020 and the suggested prioritising of energy efficiency measures under the Energy Efficiency Obligations for households affected by energy poverty and social housing

## ... AT INDIVIDUAL BUILDING level

Building owners need easily available and reliable information to drive investment decisions. The current Energy Performance Certificates (EPCs) provide a mere snapshot of a building's performance at a given time, lacking coherent recommendations about planned steps to bring the building to NZEB standard in the future. Renovate Europe calls for EPCs to evolve into **Building Renovation Passports** which would be:

A **dynamic**, **online 'house manual'** that records all works carried out, plans improvements in performance over time, and can be passed from owner to owner



Be delivered by an **independent experienced expert**, possibly certified by a national scheme, to ensure quality and reliability

Increase possibilities with such a Building Renovation Passport to link and better **target** building segments to financing tools



Renovate Europe is a political communications campaign that brings together 37 partners from across the building value chain (trade associations, companies, trade unions, city network and 14 National Partners).