

# Oasis for the green future

EU buildings' Policy at a glance.

13 CLIMATE ACTION



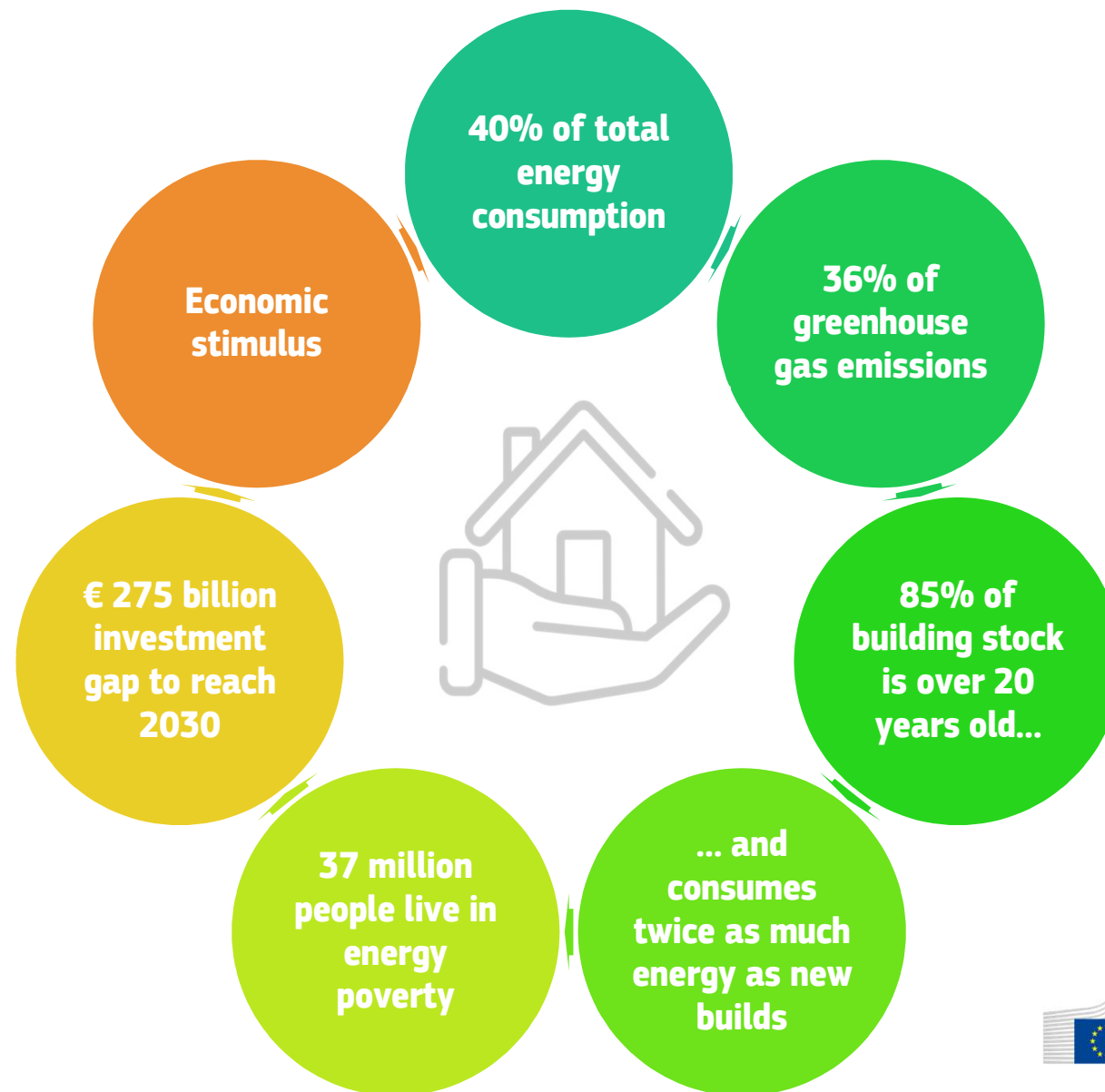
**Herzlichen Glückwunsch !**



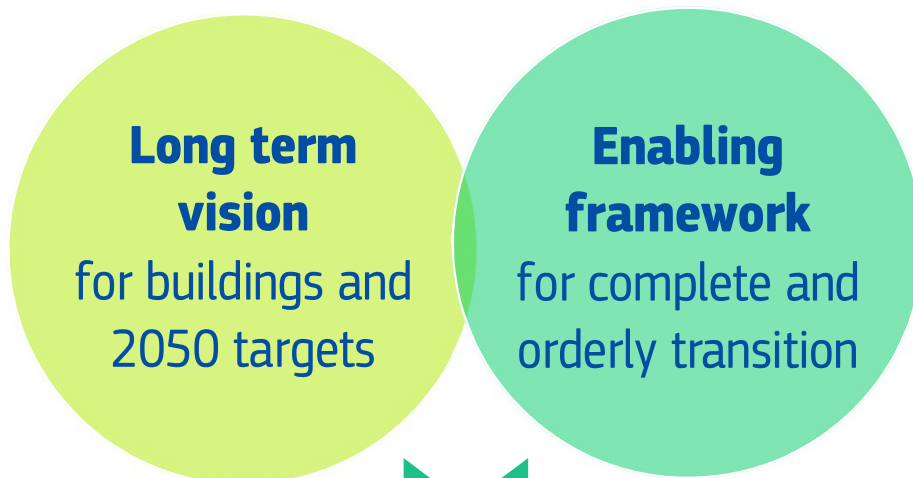
(Photo from [ChocolateOnlineShop.com](https://www.ChocolateOnlineShop.com))

# The matrix

New and existing buildings are the testament to their time.



# Objectives



**Climate target plan  
@2030**

- **60%** GHG reduction
- Reduce final energy consumption by **14%**
- **40%** renewables



**Renovation wave**

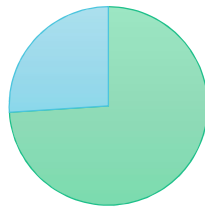
- Renovate **35 million** units
- Minimum **standards**
- Harmonise **EPCs**
- Better **planning**

**11 SUSTAINABLE CITIES  
AND COMMUNITIES**



# EU building stock

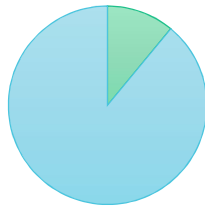
24 billion m<sup>2</sup> floor area,  
around **74 % residential**



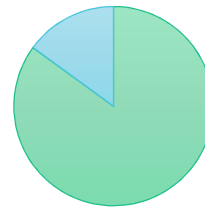
Around **186 million** residential  
units are **permanently inhabited**



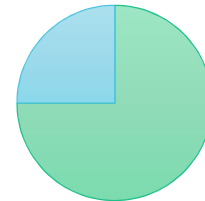
Only **11 %** of existing buildings undergo  
some level of **renovation** each year



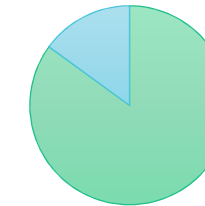
**85 %** of existing EU dwellings were  
**built before 2000**, of which ...



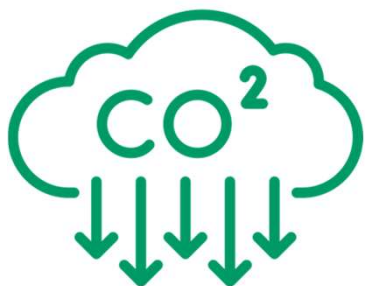
... **75 %** has **poor energy  
performance** ...



... more than **85 %** will still be in  
place in **2050**



## Focus areas



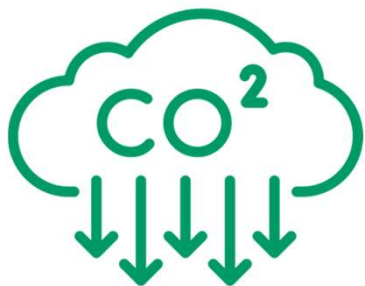
Decarbonis-  
ation

Energy  
poverty

Ramp-up and  
recovery

Digitalisation  
& system  
integration

# National expectations



Reduce  
emissions

Integrating  
district  
solutions

Increase  
investment and  
share of RE

Digitalisation  
& system  
integration

# Zero emission building stock

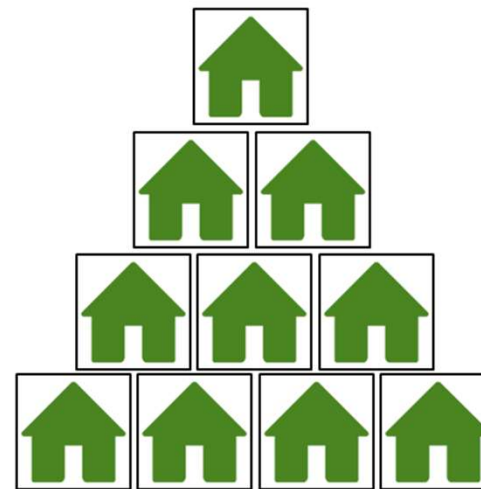
EU avg 2019:  
22% of renewables H&C  
34% renewable electricity\*



G class building



Powered by renewables  
zero direct CO2 emissions



ZEB building

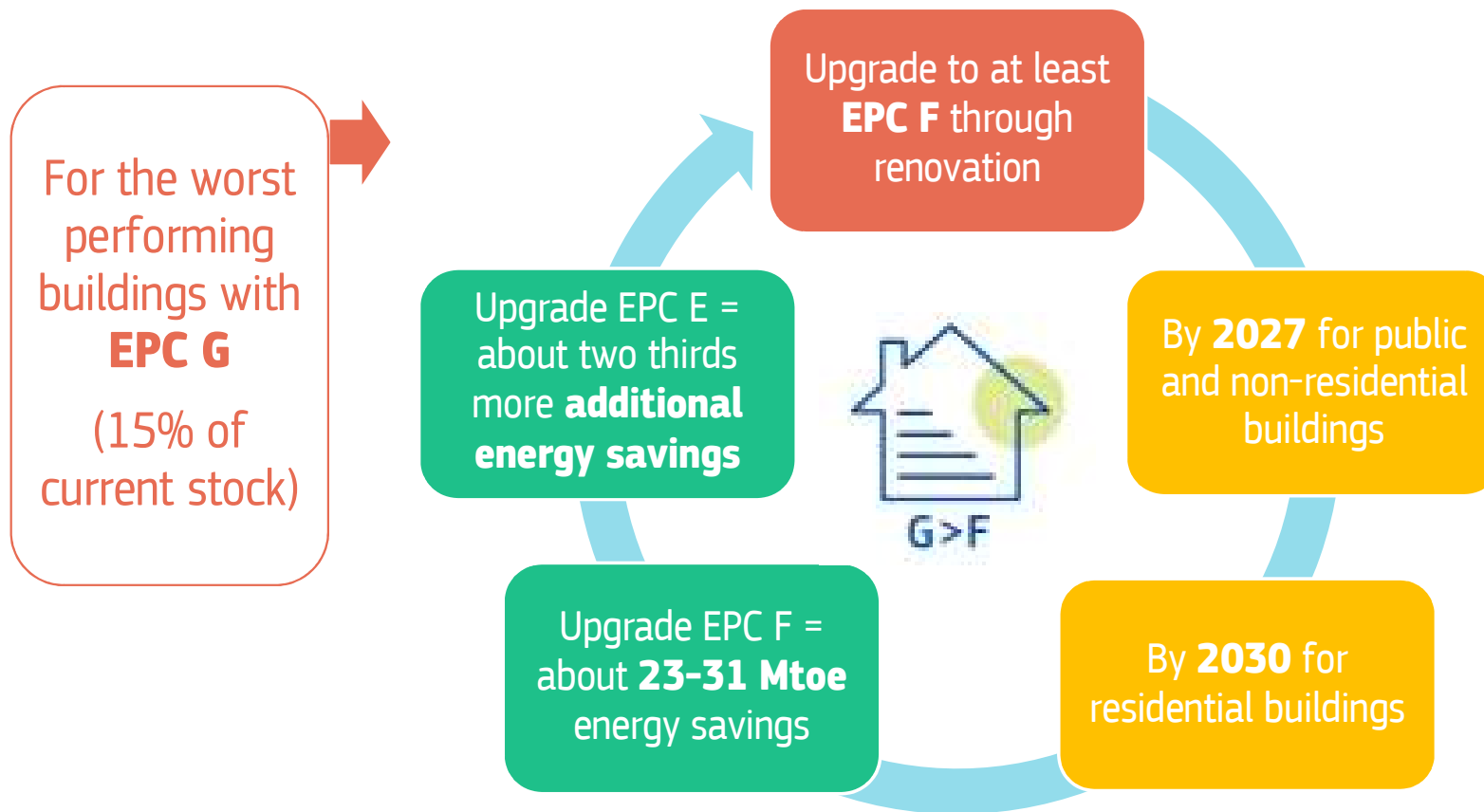




# Main changes compared to 2018 EPBD



# Minimum Energy Performance Standards



# Energy prices



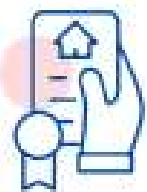
In 2020, **8%** of the EU population – around 37 million people – said that they were **unable to keep their home adequately warm**

# More reliable information tools



**Energy  
Performance  
Certificates**  
strengthened  
and harmonised

**Data access and  
interoperability**  
for buildings  
and EPCs



**Common  
Building  
Renovation  
Passport**

**Smart Readiness  
Indicator**  
for large non-  
residential buildings  
from 2026



# Time to act is now – exceptional financing opportunities



European Commission

**RECOVERY AND RESILIENCE FACILITY:**  
HELPING EU COUNTRIES TO COME OUT OF THE CORONAVIRUS CRISIS STRONGER  
*#EUSolidarity #StrongerTogether*

€ 61 billion for construction in **national Recovery and Resilience Plans** under the “Renovate” flagship



**INVEST EU**

*#investEU* EUROPEAN UNION

## MAKING OUR HOMES FIT FOR A GREENER FUTURE



*#EUGreenDeal*

**SOCIAL CLIMATE FUND**  
TO SUPPORT THOSE AFFECTED BY ENERGY AND MOBILITY POVERTY



**Climate Social Fund** to mobilise € 144 billion for renovation from 2025

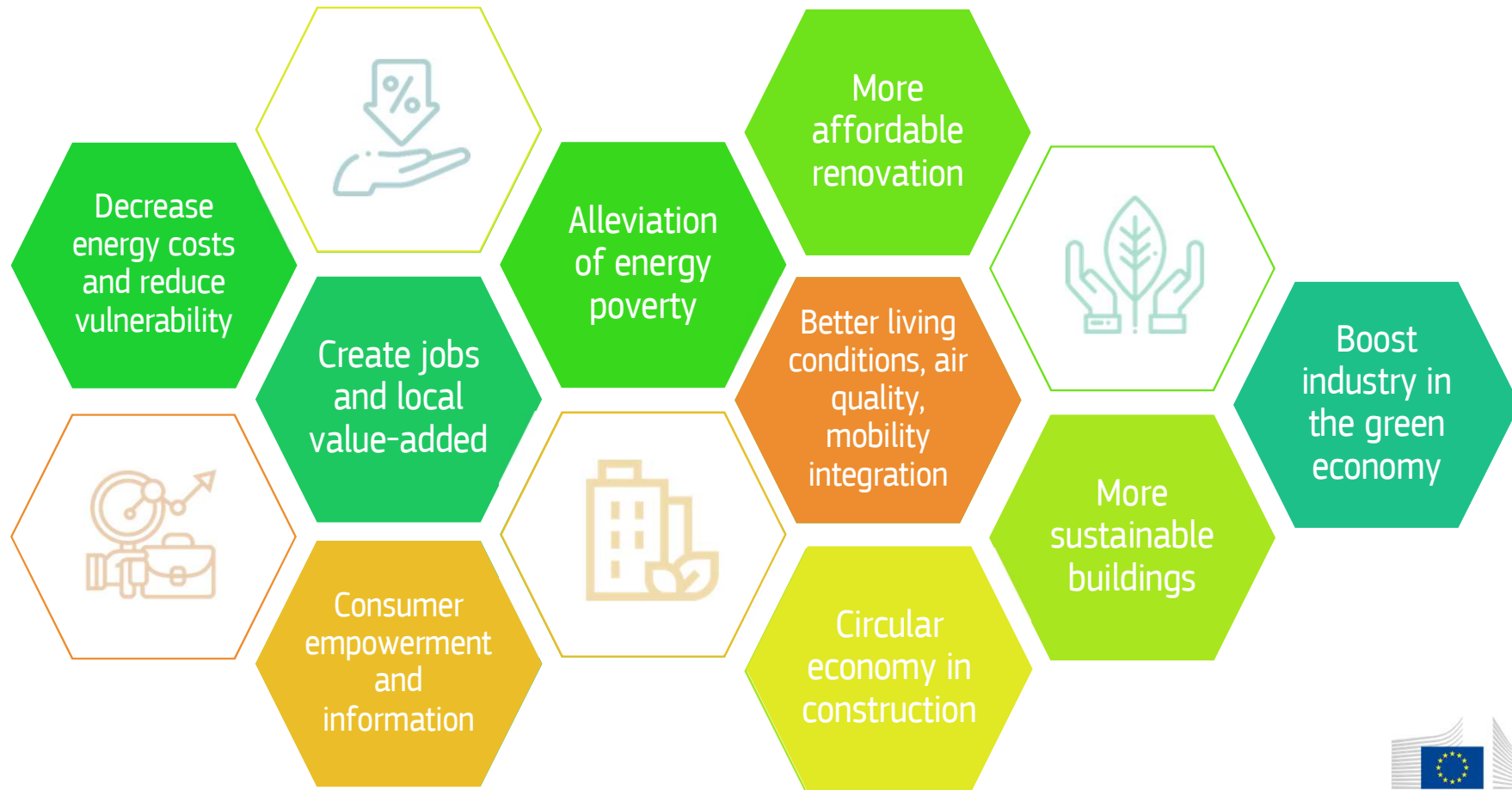
## REACT-EU



*#NextGenerationEU #EUBudget*



# Panorama of benefits



Thank you

