



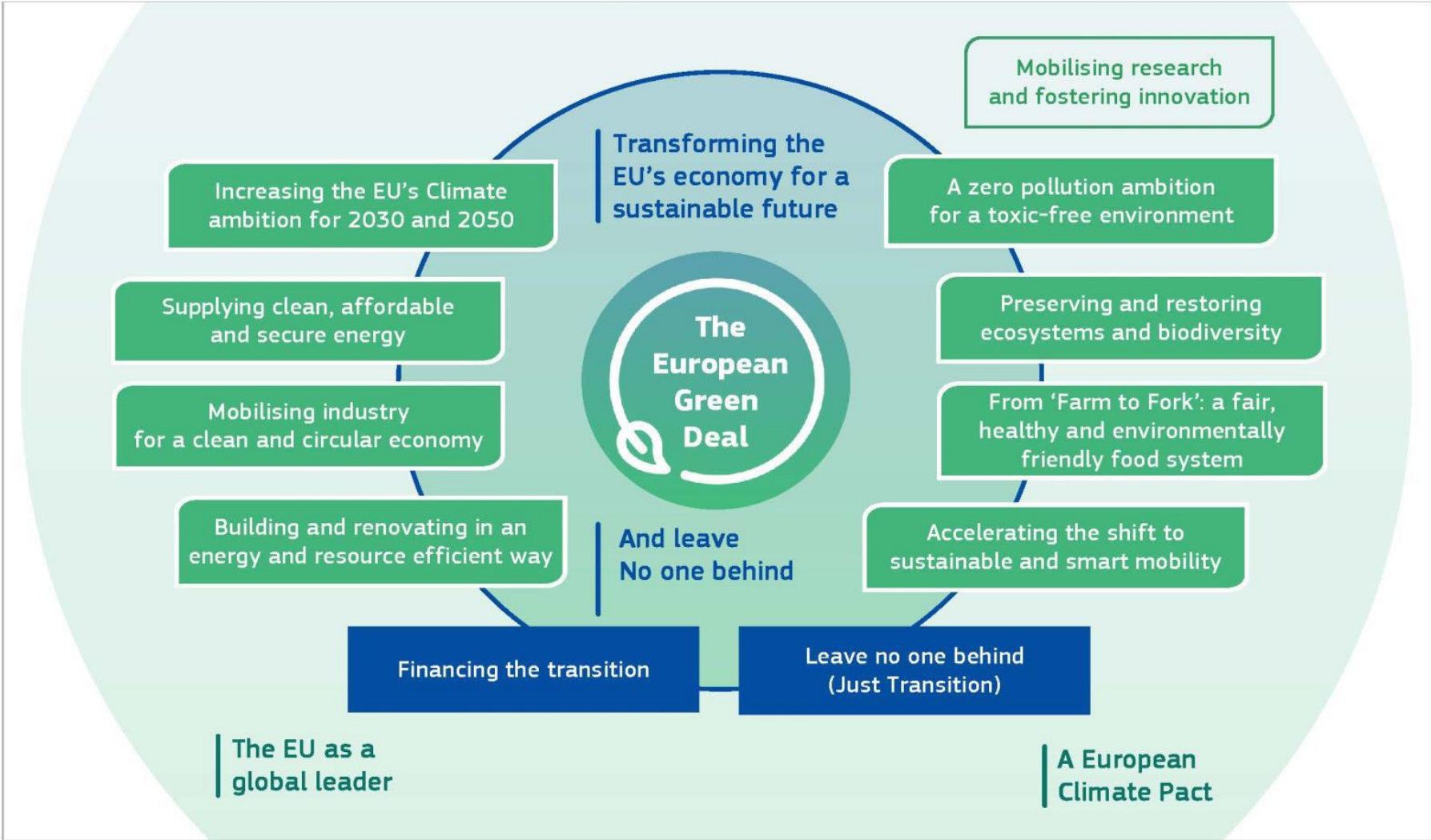
# Sustainable built environment – a glimpse of the future

Selected highlights on EU action in the field of sustainable  
built environment

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# The European Green Deal



# The Renovation Wave

- Major initiative by the European Commission in the framework of the European Green Deal
- Strategic communication – with an action plan – published on 14 October 2020
- Concerted action at all levels, from local to regional, national and European



Brussels, 14.10.2020  
COM(2020) 662 final

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN  
PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL  
COMMITTEE AND THE COMMITTEE OF THE REGIONS**

**A Renovation Wave for Europe - greening our buildings, creating jobs, improving lives**

{SWD(2020) 550 final}

# The Renovation Wave – digital buildings

- “*Tackling the twin challenges of the green and digital transitions together.* Smart buildings can enable efficient production and use of renewables at house, district or city level. Combined with smart energy distribution systems, they will enable highly efficient and zero-emission buildings.”
- “*Promoting comprehensive and integrated renovation interventions for smart buildings, integration of renewable energy and enabling to measure actual energy consumption. The new Smart Readiness Indicator promotes digitally friendly renovations (...)*”

# The Smart Readiness Indicator

## AGGREGATING IMPACT SCORES



# The Smart Readiness Indicator

- Voluntary scheme for Member States
- Energy Performance of Buildings Directive (2010/31/EU)
- Two legal acts: delegated act (methodology) and implementing act (implementation modalities)
- Adopted by the Commission jointly with the RW Communication
- National test phases – from 2021

# LIFE sub-programme on Clean Energy Transition

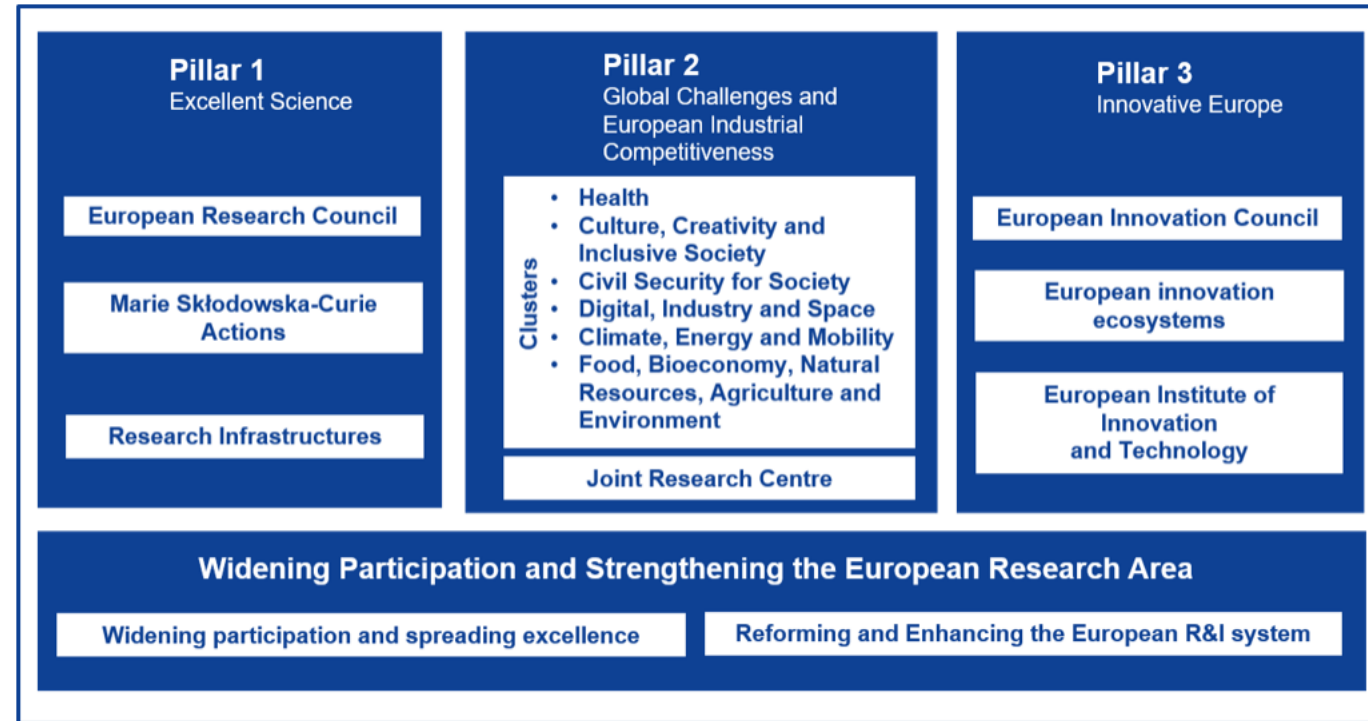
- Continuation of market uptake actions building upon predecessor programmes Intelligent Energy Europe (2003-2013) and Coordination and Support Actions under Horizon 2020 Energy Efficiency (2014-2020).
- Key objective: creating market & regulatory enabling conditions for the clean energy transition
- Supports energy efficiency and renewable energy projects



# Horizon Europe - Built4People partnership

- 3 pillars: excellent science, global challenges and industrial competitiveness, and innovative Europe.

- Cluster 5 of pillar II: cluster on climate, energy and mobility.



- ‘Built4People’ (BP4) R&I partnership: to foster R&I on people-centric sustainable built environment.



# Thank you



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