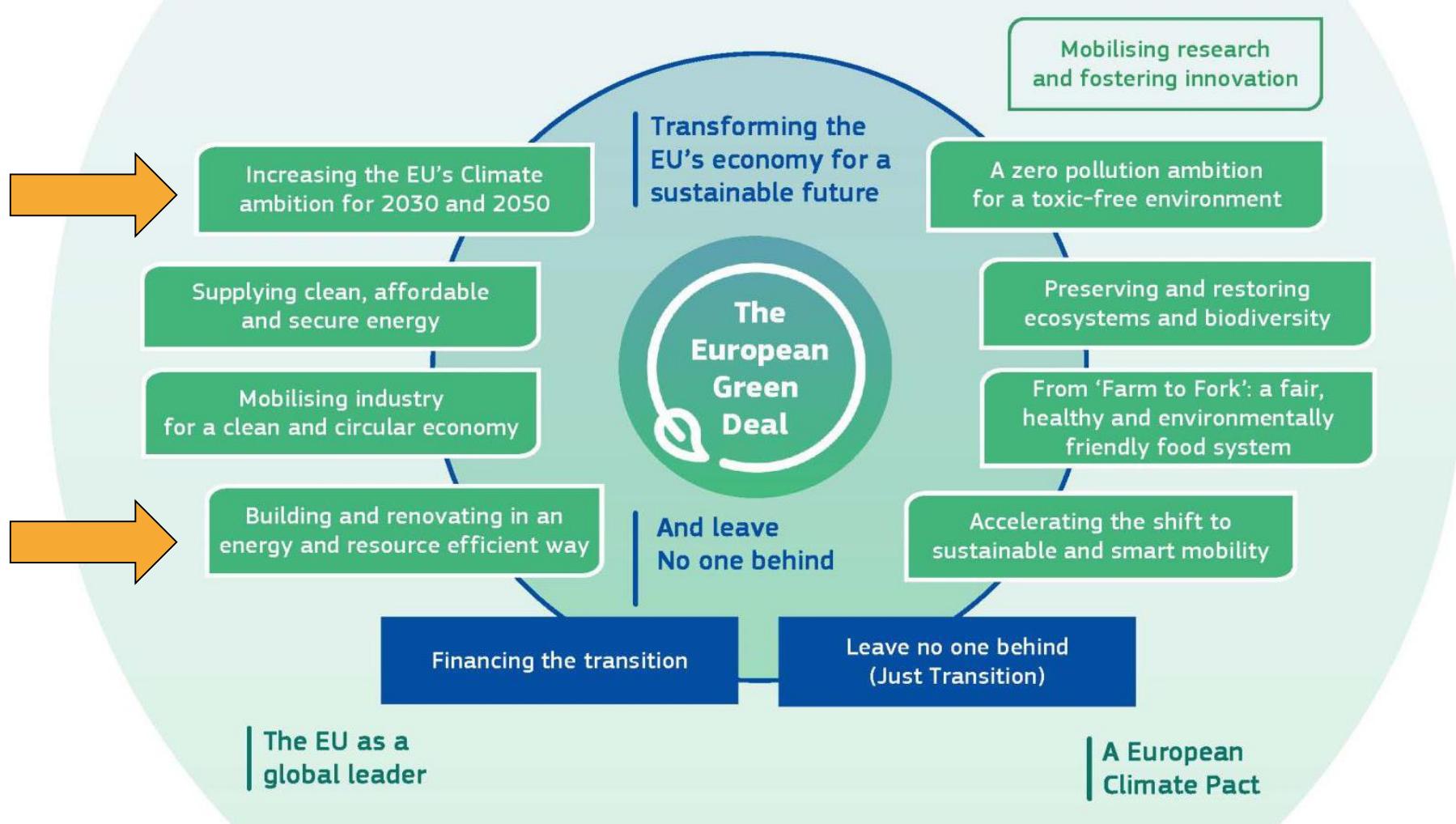




The 'Renovation Wave' initiative and other EU policies for buildings



The European Green Deal



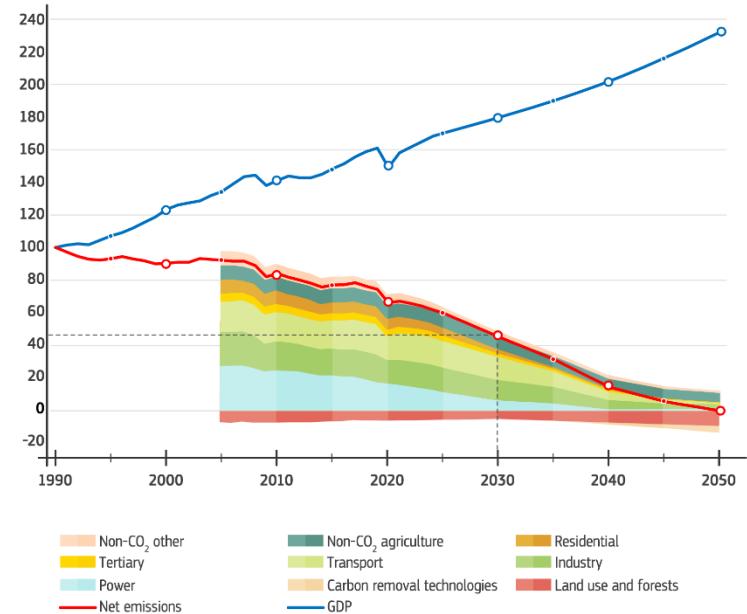
The 2030 Climate Target Plan

- EU-wide, economy-wide greenhouse gas emissions reduction target of **at least 55%**, including emissions and removals, by 2030 compared to 1990 levels
- **Actions required across all sectors** of the economy and launch of revisions of the key legislative instruments

COVID-19: buildings in the center for our lives

Investing in buildings can

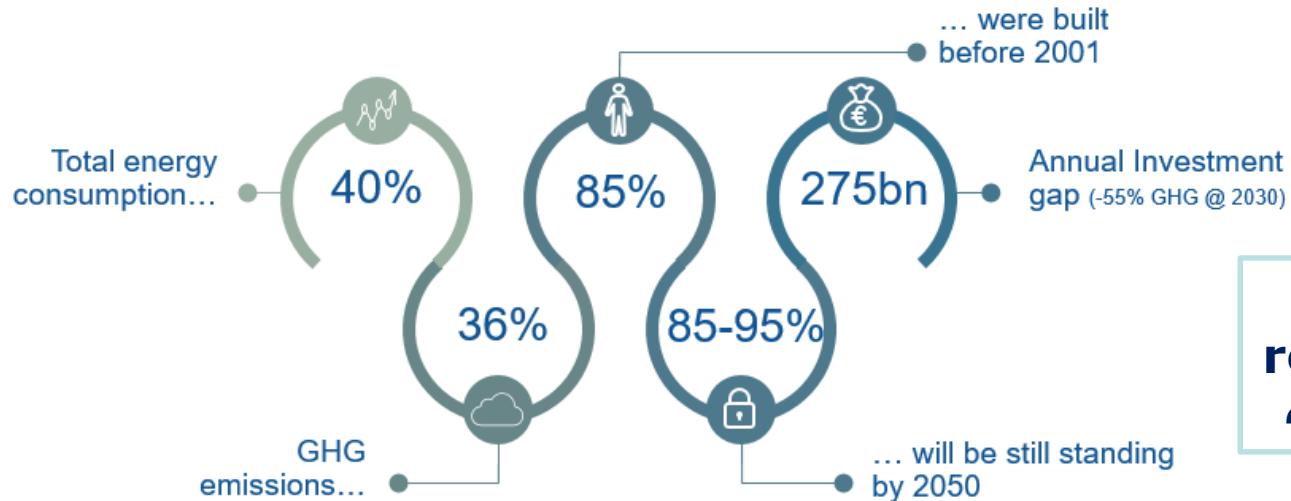
- inject a much-needed stimulus into the construction sector and the macro-economy
- trigger a large-scale transformation of our cities and built environment



https://ec.europa.eu/clima/policies/eu-climate-action/2030_ctp_en

Buildings: Where are we now?

- The overall architecture is working (especially for new buildings)
- The nearly zero-energy buildings sets a 'future-proof' vision for the sector and mobilise stakeholders accordingly
- Cost-optimality is an efficient approach to set energy performance requirements
- EPCs is a useful demand-driven market tool



**The current
renovation rate
~1% per year**



The Renovation wave

Greening our buildings faster, Creating jobs, Improving lives

On 14 October 2020, the European Commission presented its Renovation Wave Strategy. The Commission aims to at least:

- **double renovation rates** in the next ten years;
- make sure renovations lead to **higher energy and resource efficiency**.
- Concerted action at all levels, from the local to the regional, national and European

Key principles

- Energy efficiency first principle
- Affordability, energy poverty
- Decarbonisation and integration of renewables
- Life-cycle thinking and circularity
- High health and environmental standards
- Tackling the twin challenges of the green and digital transitions
- Aesthetics and architectural quality



The Renovation wave

Actions

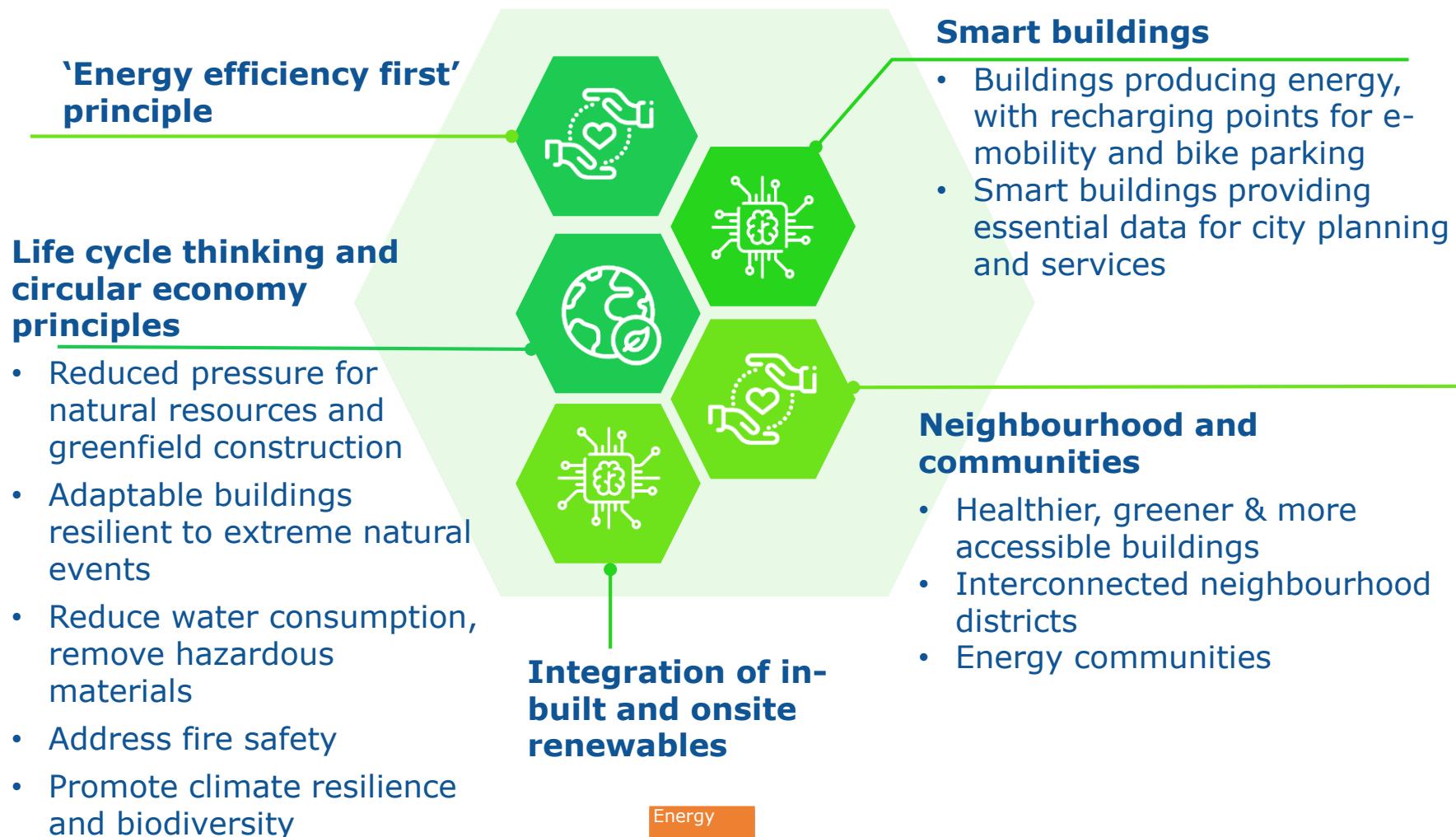
- Strengthen information, legal certainty and incentives:
mandatory requirements, update Energy Performance Certificates, role of public buildings, digital logbooks, building renovation passports, etc.
- Reinforce funding solutions
- Provide technical assistance
- Improve skills in the construction sector
- Expanding the market for sustainable construction products and services

Focus areas

- Tackling worst-performing buildings and energy poverty
 - Mandatory minimum energy performance requirements
- Public buildings showing the way: focus on schools, hospitals and care facilities
- Decarbonizing heating and cooling
- Mobilising neighbourhood approach

New European Bauhaus –
Matching Style with Sustainability

A comprehensive vision on building renovation





The Energy Performance of Buildings Directive

Revision: EC proposal end of 2021: Focus on provisions that are central to boosting building renovation / interlay with Energy Efficiency Directive, Renewables Energy Directive, etc.

Areas explored:

- Introduction of mandatory minimum energy performance requirements
- Promoting the decarbonisation of buildings – new vision for 2030 and beyond
- Reinforcing Energy Performance Certificates - links with other tools
- Promoting smartness in buildings (Smart Readiness Indicator)
- Financing
- Improving skills and training
- Public buildings and social infrastructure

Open Public Consultation (open until 22 June)

<https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12910-Revision-of-the-Energy-Performance-of-Buildings-Directive-2010-31-EU>



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

MULTIANNUAL FINANCIAL FRAMEWORK 2021-2027: KEY FIGURES

COHESION POLICY 372.6

Cohesion Fund (CF)
48

European Regional Development Fund (ERDF)
226

European Social Fund+ (ESF+)
98.5

COMMON AGRICULTURAL POLICY (CAP) 378.5

European Agricultural Fund for Rural Development (EAFRD)
87.4

European Agricultural Guarantee Fund (EAGF)
291

NEW AND REINFORCED PRIORITIES 377.3

Connecting Europe Facility (Transport, Energy, Digital)
20.7

InvestEU
3.0

European space programme
14.9

Digital Europe programme
7.6

Single market programme
4.2

Justice, Citizens Equality, Rights and Values
0.9

EU4Health
2.4

Horizon Europe
86.1

Neighbourhood, Development and International Cooperation Instrument
79.5

Other
105

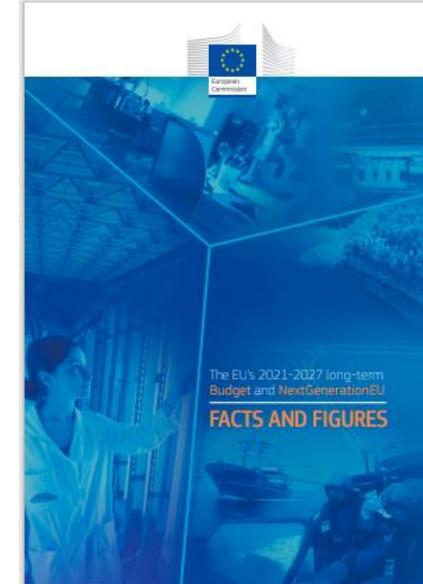
Erasmus+
24.6

Creative Europe
1.8

Just Transition Fund
8.4

Programme for Environment and Climate Action (LIFE)
5.4

Humanitarian aid
11.6



[The EU's 2021-2027 long-term budget & NextGenerationEU - Publications Office of the EU \(europa.eu\)](http://europa.eu)

NEXTGENERATIONEU: KEY FEATURES

RECOVERY AND RESILIENCE FACILITY

EUR 723.8 billion

 **338.0** in grants

 **385.8** in loans

POWER UP

Clean technologies and renewables

RENOVATE

Energy efficiency of buildings

RECHARGE AND REFUEL

Sustainable transport and charging stations

CONNECT

Roll-out of rapid broadband services

MODERNISE

Digitalisation of public administration

SCALE UP

Data cloud and sustainable processors

RESKILL AND UPSKILL

Education and training to support digital skills

NextGenerationEU
€806.9
billion

NEXTGENERATIONEU CONTRIBUTION TO OTHER PROGRAMMES

EUR 83.1 billion

REACT-EU

50.6

JUST TRANSITION FUND

10.9

RURAL DEVELOPMENT

8.1

INVESTEU

6.1

HORIZON EUROPE

5.4

RESCEU

2.0

RECOVERY AND RESILIENCE FACILITY

Financial support to public investments and reforms

€672.5
billion

UP TO
€312.5
billion
in grants

UP TO
€360
billion
in loans

[Recovery plan for Europe | European Commission \(europa.eu\)](#)

[Recovery and Resilience Facility | European Commission \(europa.eu\)](#)



Thank you!

Dimitrios Athanasiou
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European Commission