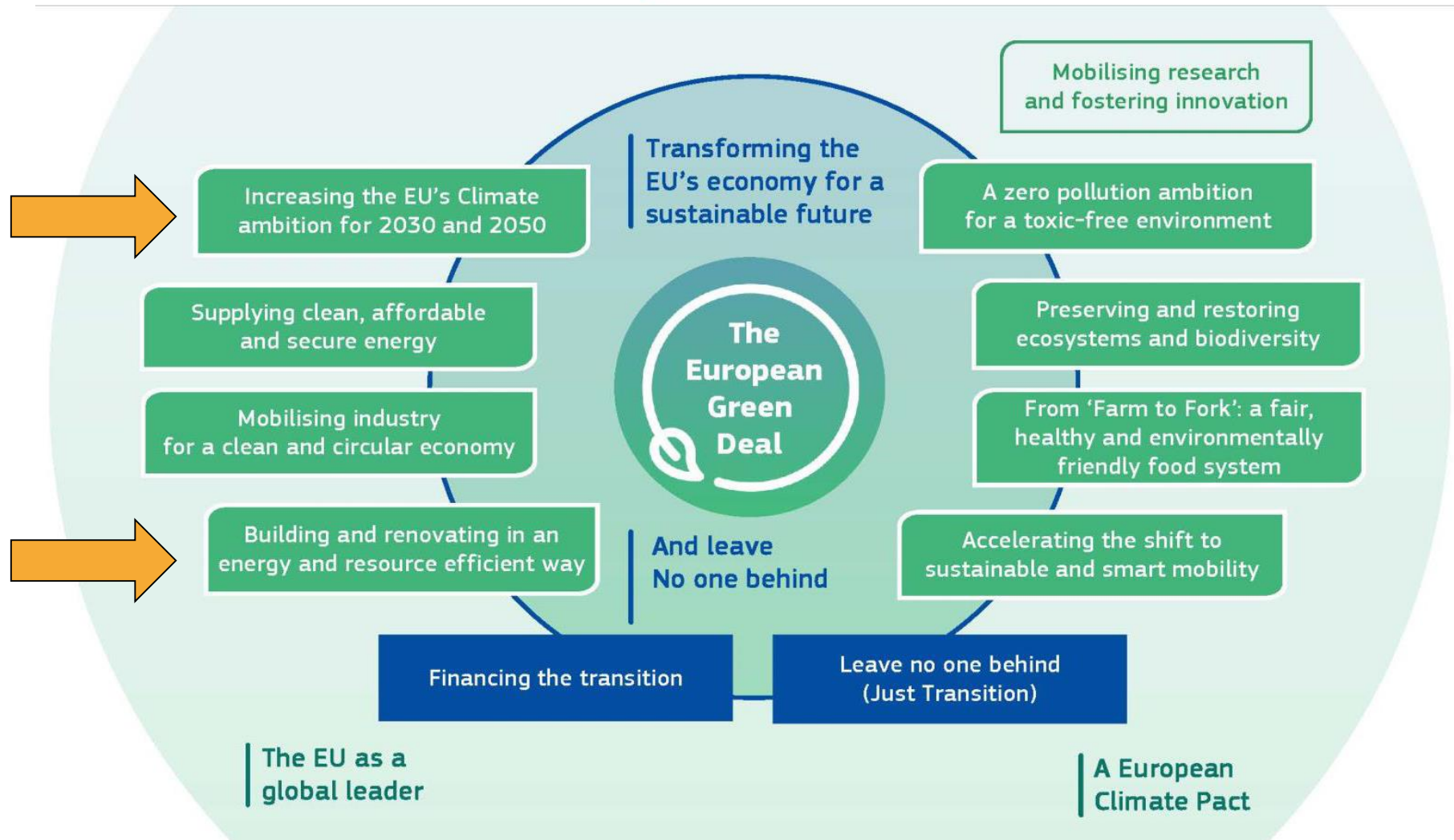




The 'Renovation Wave' initiative and other EU policies for buildings



The European Green Deal



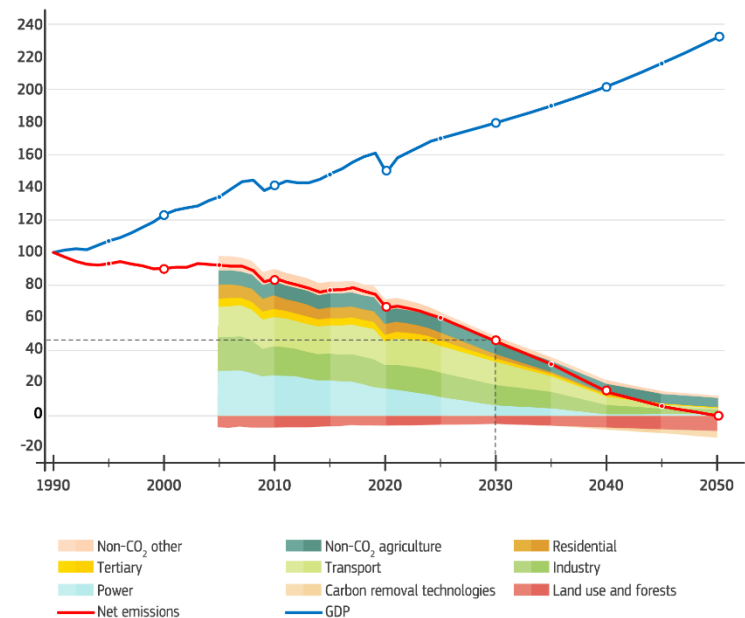
The 2030 Climate Target Plan

- EU-wide, economy-wide greenhouse gas emissions reduction target of **at least 55%**, including emissions and removals, by 2030 compared to 1990
- **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

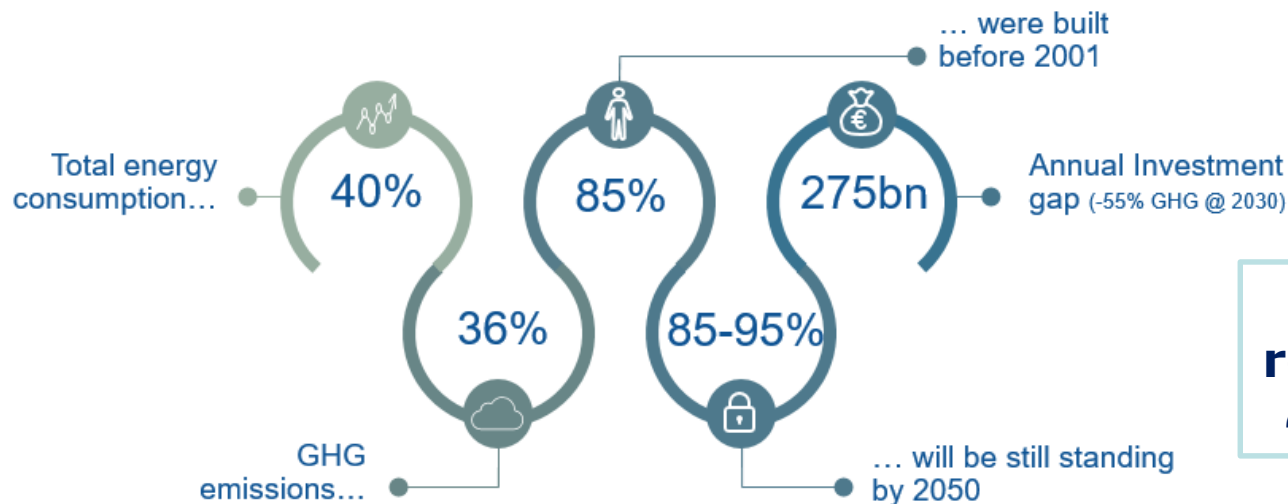
- inject a much-needed stimulus into the construction sector and the macro-economy
- trigger a large-scale transformation of our cities and built environment



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

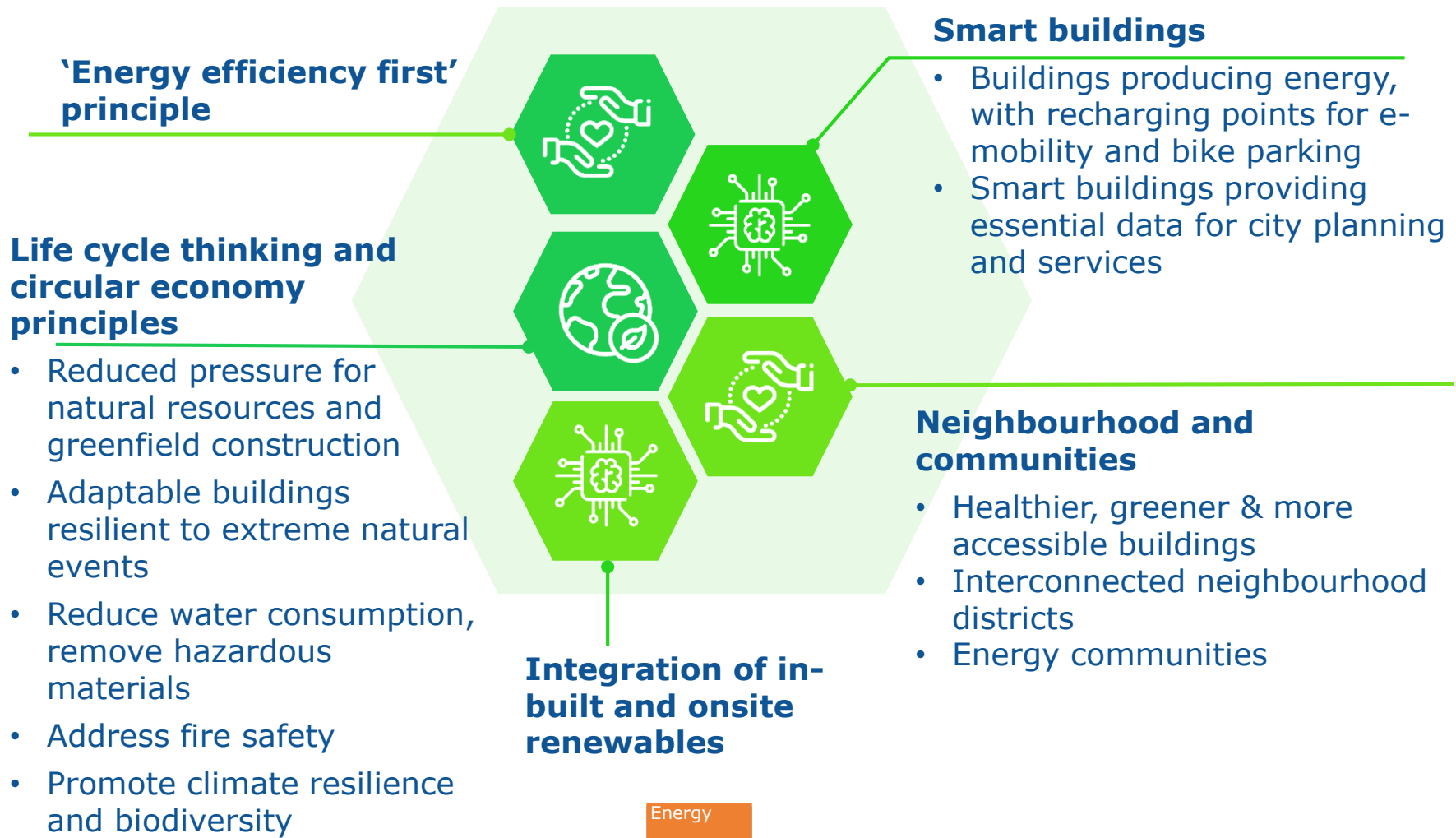
- Strengthen information, legal certainty and incentives: *mandatory requirements, update Energy Performance Certificates, role of public buildings, digital logbooks, building renovation passports, etc.*
- Reinforce funding solutions
- Provide technical assistance
- Improve skills in the construction 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 / interplay 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

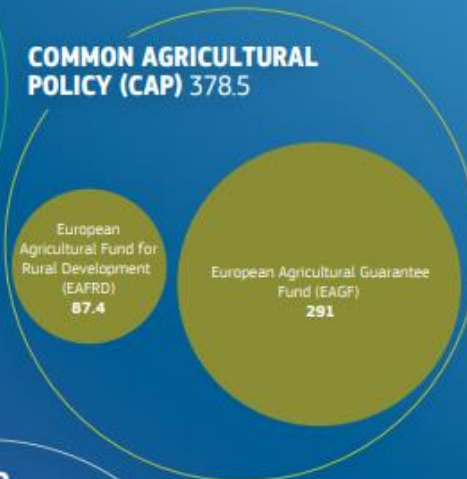
- ELENA Facility
- Technical Support Instrument
- Technical Support – Cohesion Policy

MULTIANNUAL FINANCIAL FRAMEWORK 2021-2027: KEY FIGURES

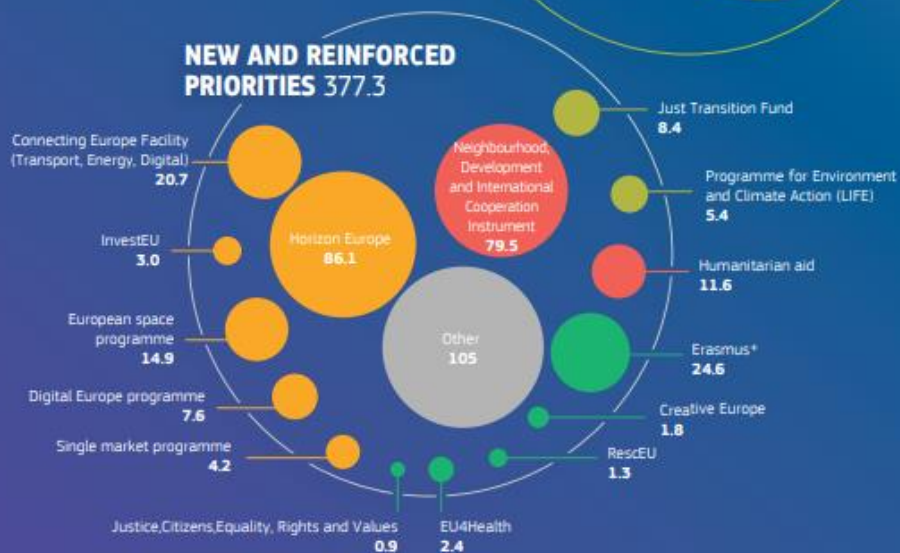
COHESION POLICY 372.6



COMMON AGRICULTURAL POLICY (CAP) 378.5



NEW AND REINFORCED PRIORITIES 377.3



The EU's 2021-2027 long-term budget & NextGenerationEU - Publications Office of the EU (europa.eu) 10

RECOVERY AND RESILIENCE FACILITY

338.0 in grants

● **385.8** in loans



MODERNISE

RENOVATE

SCALE UP

RECHARGE AND REFUEL

RESKILL AND UPSKILL

CONNECT

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

UP TO
€312.5
billion

€672.5
billion

€672.5
billion

UP TO
€360
billion

11



Thank you!

Dimitrios Athanasiou
Policy Officer, Directorate-General for Energy
European Commission