



EU Green Deal & Renovation Wave Strategy

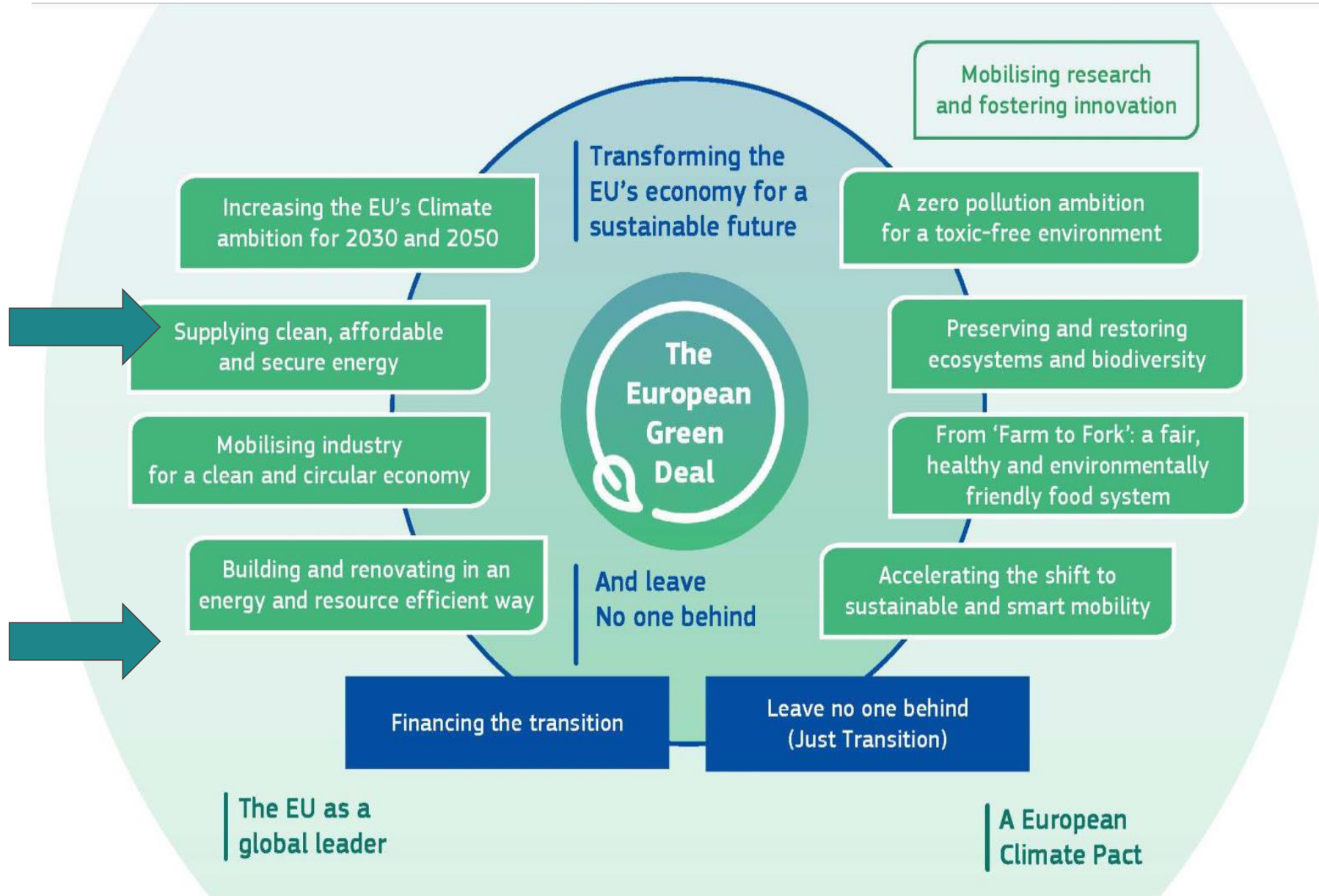
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The European Green Deal



EU Recovery Plan and energy - Architecture of the dual crisis response

Investing in a green, digital and resilient Europe

Exceptional and temporary increased own resources ceiling

Larger Headroom

Commission
borrowing
on capital
market

To be committed
until the end of
2023



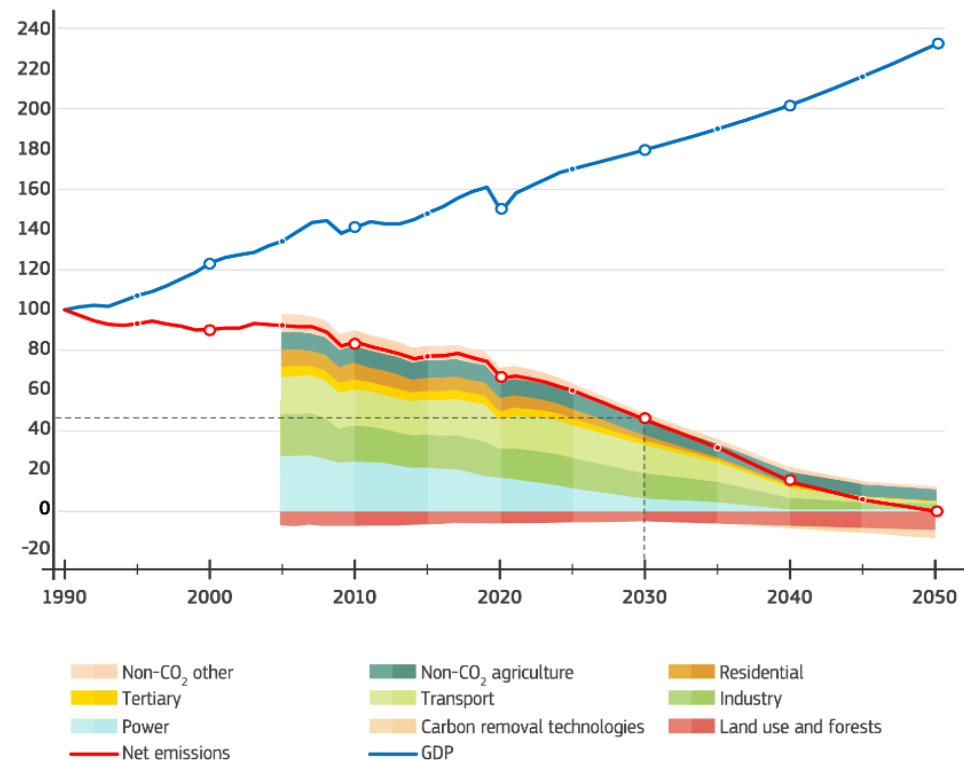
reinforced **Multiannual
Financial Framework**
€1074 billion



**Next
Generation
EU**
€ 750 bn

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

Rationale and objectives of the Renovation wave

Climate Target Plan 2030:

- new **55%** emission reduction target
- need to tie together **renewable energy generation** and **energy efficiency**

Building sector as one of the areas where the efforts must be ramped up

Goal: Double the annual energy renovation rate by 2030 and **increase renovation depth**

Why renovation?

Decrease energy consumption

Decrease GHG emissions

Tackle energy poverty

Economic stimulus/ job creations

Objectives of the Renovation wave

- **-14%** energy consumption
- **-60%** Greenhouse gas emission
- **-18%** heating and cooling
- **12-18** local jobs per million euro invested
- **160,000** green jobs in construction

The 7 areas of intervention

Information, legal
certainty and
regulation

Accessible and
well-targeted
funding

Project and
technical
assistance

Integrated
interventions for
smart buildings

Construction
sector for the
sustainable future

Addressing energy
poverty and
healthy housing

Decarbonisation
of heating and
cooling



23 detailed actions

https://ec.europa.eu/energy/sites/ener/files/renovation_wave_strategy_-_annex.pdf

Regulatory Framework for Renovation Wave

- The revision of **Energy Performance of Buildings Directive (EPBD)** (end 2021). Measures that will be considered under this revision include:
 - **mandatory minimum energy performance standards**
 - Improving **information tools for citizens** and reinforcing **Energy Performance Certificate**;
 - **Promoting the decarbonisation** of buildings;
 - **Financing**;
 - Promoting **smartness in buildings**;
 - Ensuring that **public buildings and social infrastructure** are **sustainable**
 - **Skills and training**
- upcoming revisions of the **EED and RED** to strengthening role of public buildings, provisions on heating and cooling and stronger requirements for RES in buildings

Overview of the 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

Thank you for your attention