

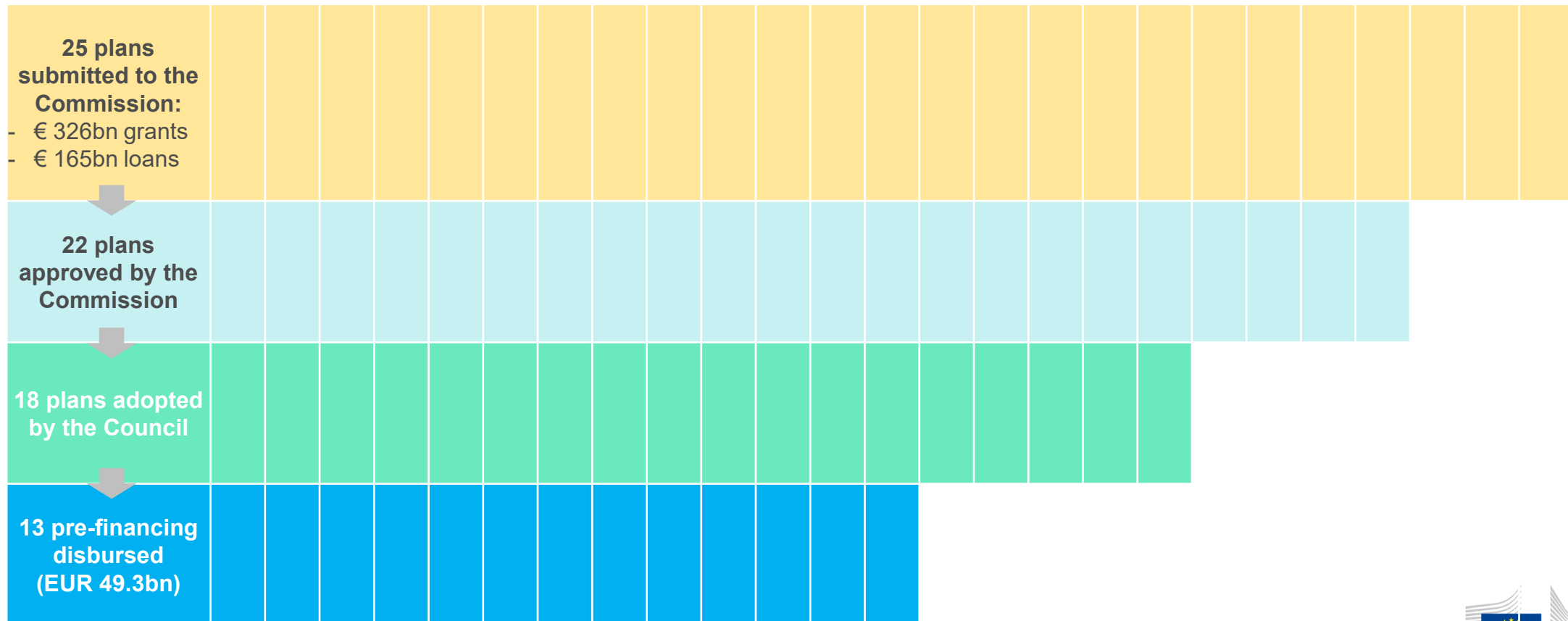


Recovery and Resilience Plans: Contribution to climate target - update

EPC WG Meeting – 6 October 2021

State of play – Recovery and Resilience Plans

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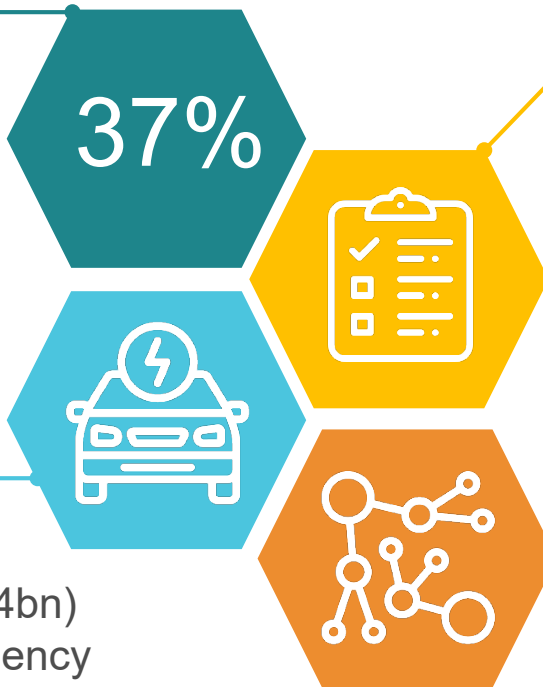


RRF - Climate and environmental measures

Green transition

Around **40%** (EUR 176bn) of total allocation¹ is tagged as contributing to climate objectives

In broader terms, **43%** (EUR 192bn) is tagged as contributing to green objectives



Key investments

- Sustainable mobility (EUR 64bn)
- Renovation and energy efficiency (EUR 50bn)
- Clean power and networks (EUR 30bn)
- Biodiversity and climate adaptation (EUR 17bn)
- Circular economy and sustainable water (EUR 15bn)

Key reforms

- Promote inter-modality and tax incentives for clean vehicles
- Facilitate deployment of renewable energy
- Water and waste management and nature conservation
- Permitting

Cross-border projects

- TEN-T rail corridors
- Hydrogen
- Batteries

¹ Based on 22 endorsed RRP by COM equivalent to EUR 445bn

Do No Significant Harm in the RRF

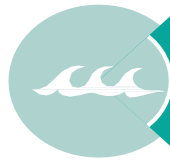
Check that all RRP measures do not significantly harm any of the **6 environmental objectives**



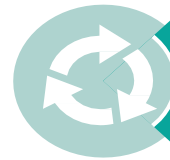
Climate change mitigation



Climate change adaptation



Sustainable and protection of water and marine resources;



Transition to a circular economy

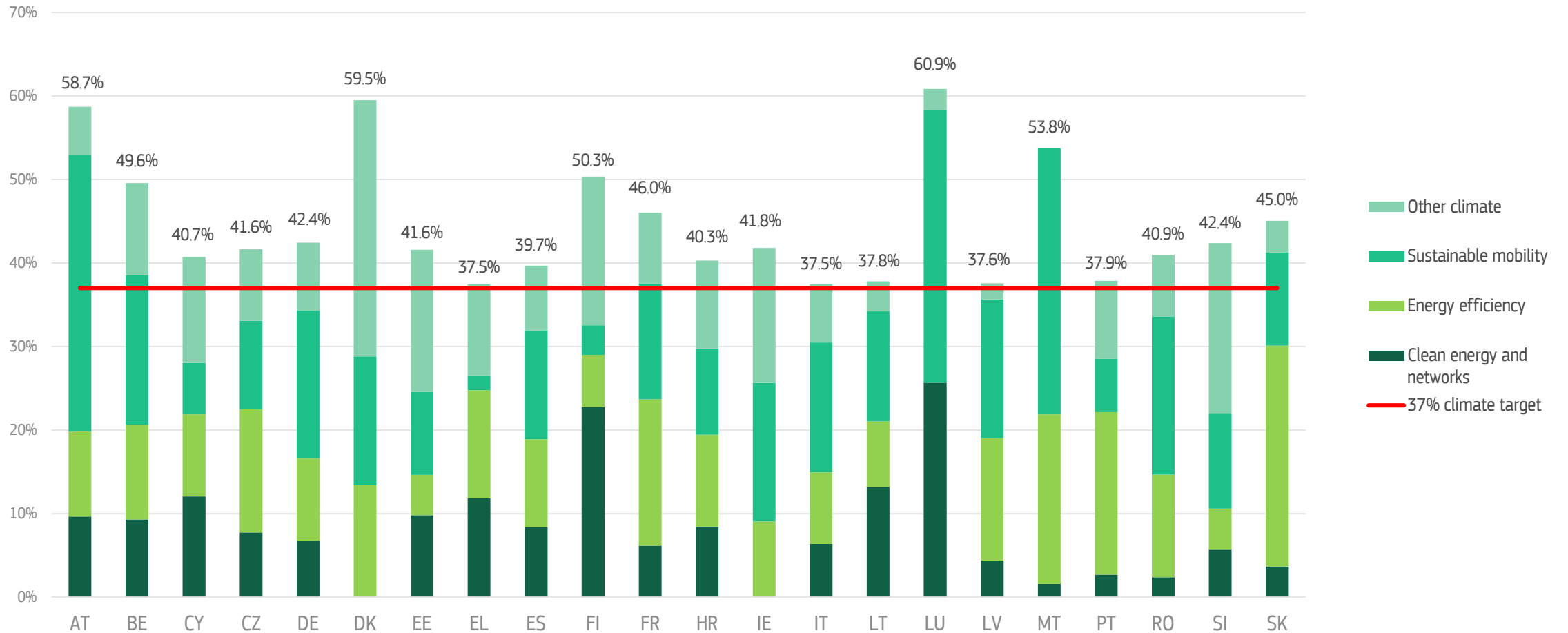


Pollution prevention and control

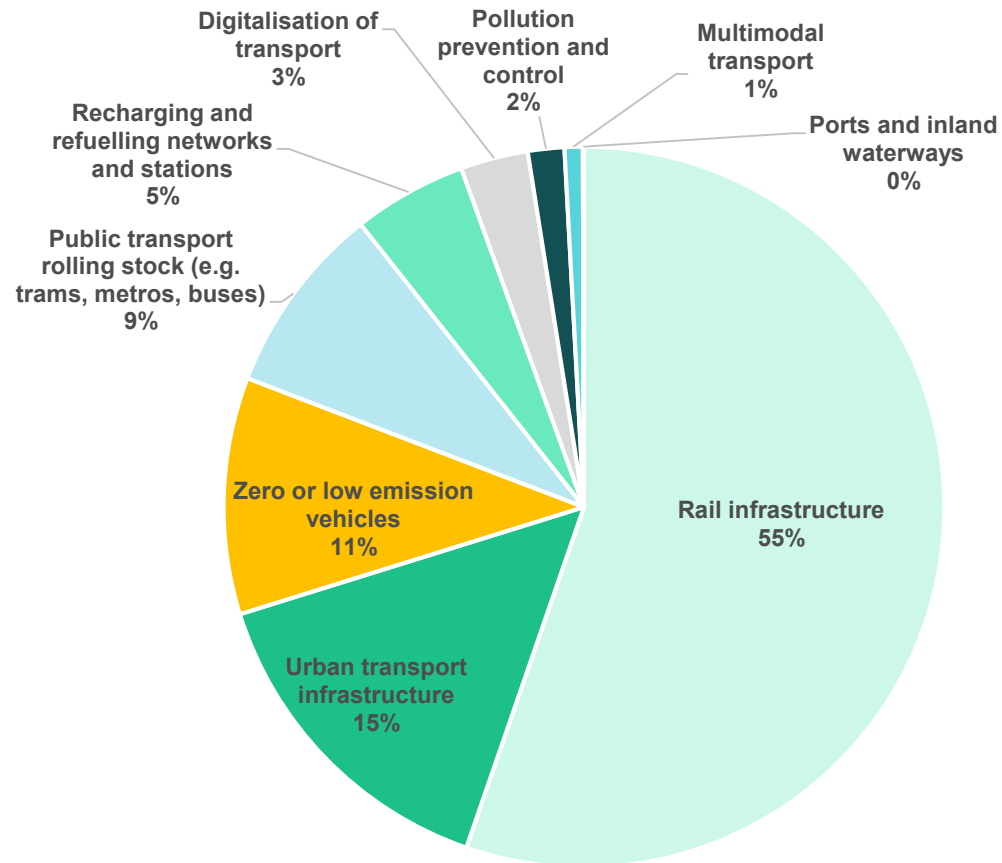


Protection and restoration of biodiversity and ecosystems

Climate spending in the 22 endorsed plans



Sustainable mobility



- Around **64 bn** euros (22 out of 22 plans)

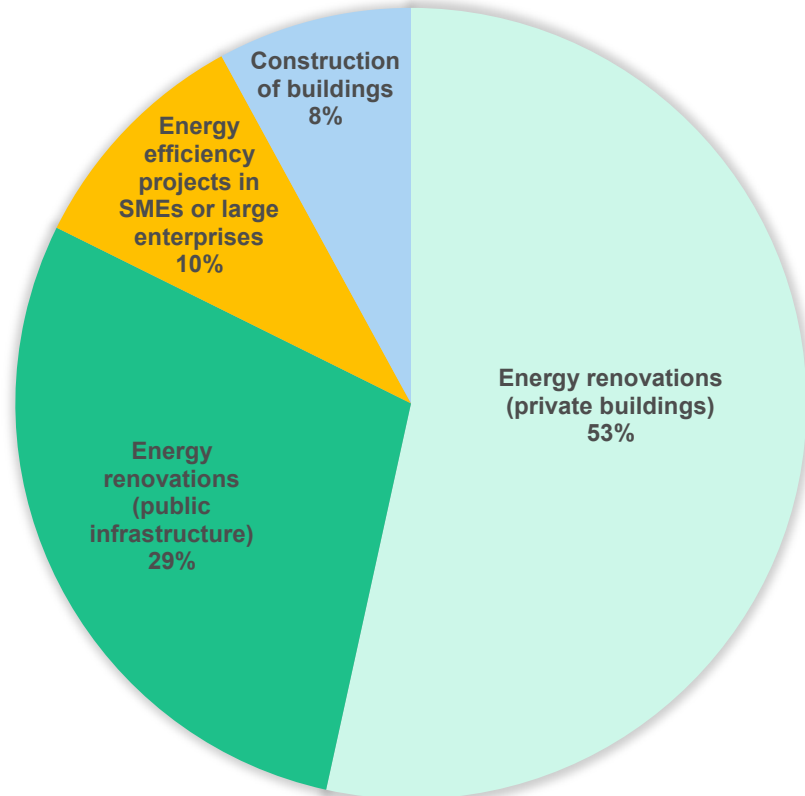
Investments

- More than 50% of the investments go to the construction and modernisation of (electrified) **rail**
- **Urban transport** infrastructure and rolling stock
- Support to **E-mobility**:
 - ✓ Recharging and refuelling stations
 - ✓ Zero and low emission vehicles

Reforms

- Promotion of **intermodality**
- **Tax incentives** for clean vehicles

Energy efficiency



* Based on climate coefficients

- Around **50 bn** euros (21 out of 22 plans)

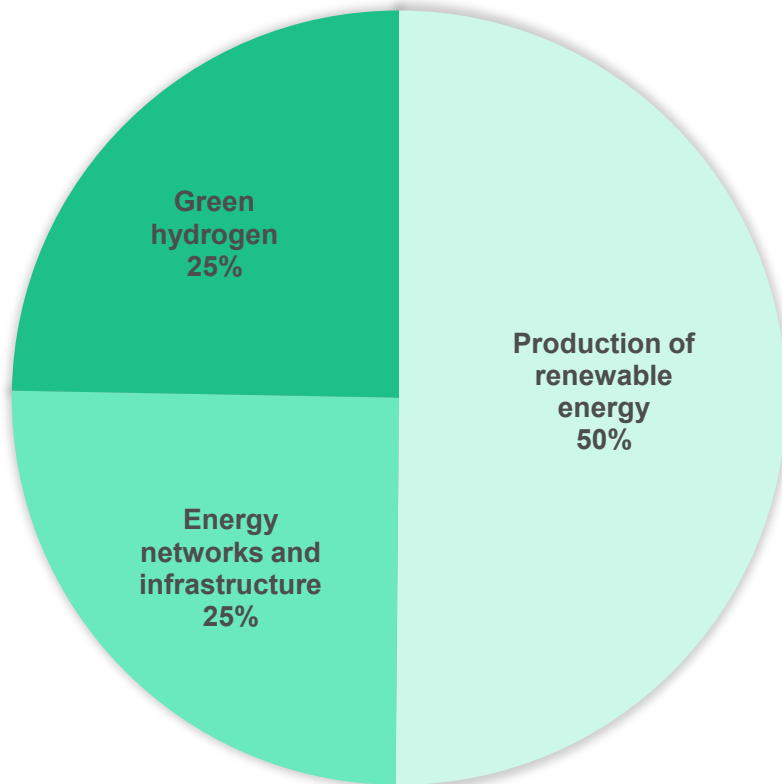
Investments

- **Energy renovations** of private and public buildings
 - ✓ Social housing (i.a. to combat energy poverty)
 - ✓ Schools, historical buildings
- **Construction** of new highly energy efficient buildings
 - ✓ Hospitals, early child care facilities
 - ✓ Housing for people living in undignified conditions
- Energy efficiency in **SMEs & large enterprises**

Reforms

- **Phase out** of outdated heating systems
- **One-stop shops**

Clean power and networks



* Based on climate coefficients

- Around **30 bn** euros (20 out of 22 plans)

Investments

- Production of **renewable energy** (solar, offshore and onshore wind, biofuels)
- Green **hydrogen** (often as IPCEI)
- Energy **networks** and **infrastructure**

Reforms

- **Reform of energy markets** to facilitate the deployment of renewable energy

Biodiversity & Climate adaptation

Biodiversity

- Around **5 bn** euros (13 out of 22 plans)

Investments

- Restoration and preservation of wetlands and forests
- Conservation of terrestrial & marine biodiversity
- Green infrastructure

Climate adaptation

- Around **12 bn** euros (15 out of 22 plans)

Investments

- Forest management / forest fire protection
- Flood protection measures to increase water retention capacity
 - ✓ Many of the climate adaptation measures **directly contribute to biodiversity** by using nature-based solutions

Respect of the DNSH principle shall take into account the **Protection and Restoration of Biodiversity & Climate Adaptation**

* Based on climate & environmental coefficients

Circular economy & Water management

Circular economy

- Around **7 bn** euros (16 out of 22 plans)

Investments

- Waste management (creation of reuse centres, modernisation of waste sorting facilities)
- Increase circularity of specific sectors (plastics, construction, textiles)
- R&D to develop longer-term solutions

Water management

- Around **8 bn** euros (10 out of 22 plans)

Investments

- Sewage sludge treatment facilities
- Construction & renovation of drinking water treatment plants
- Water management using digital solutions

Respect of the DNSH principle shall take into account the **Transition to a circular economy & Sustainable use and protection of water and marine resources**

* Based on climate & environmental coefficients

Thank you



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