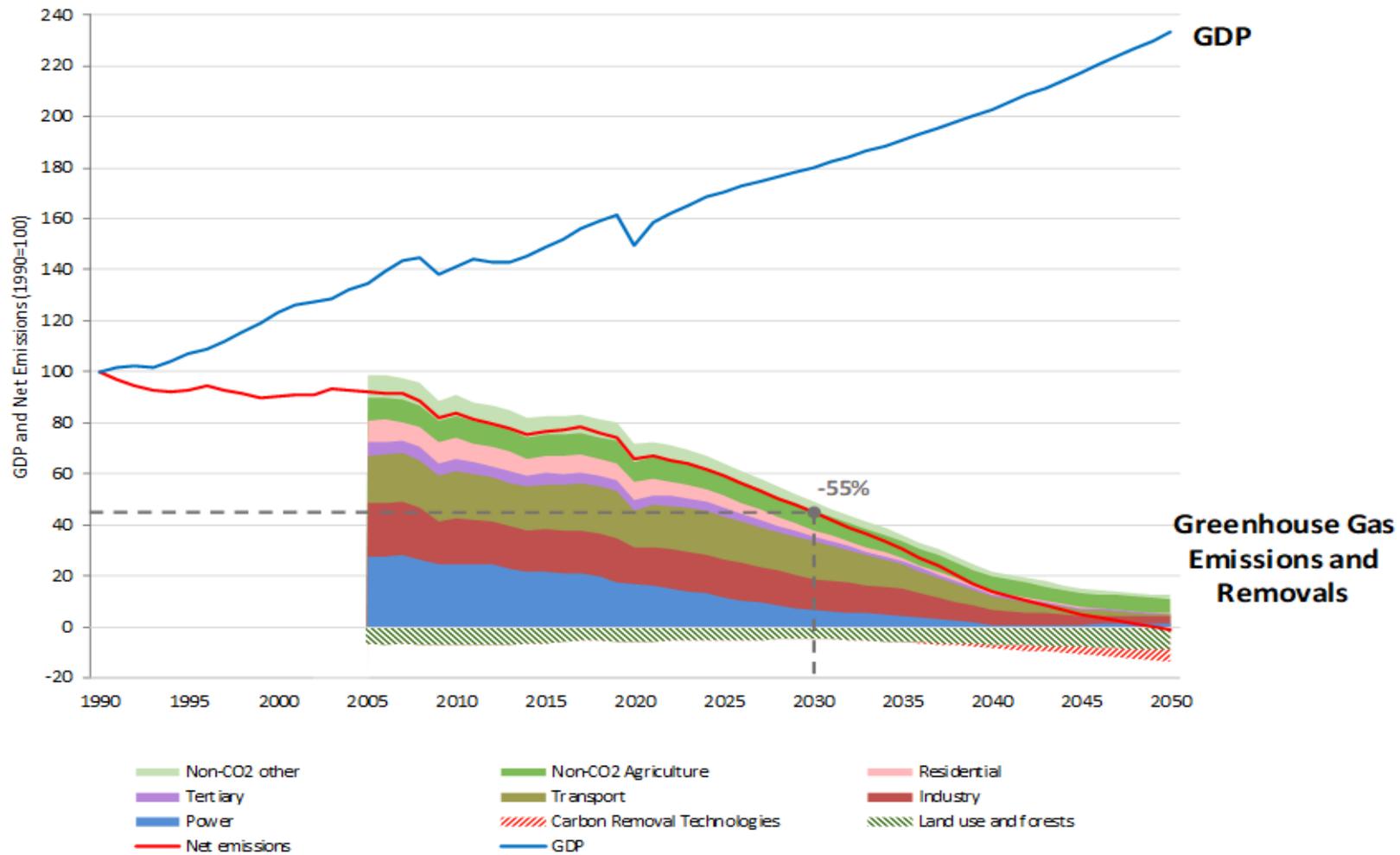
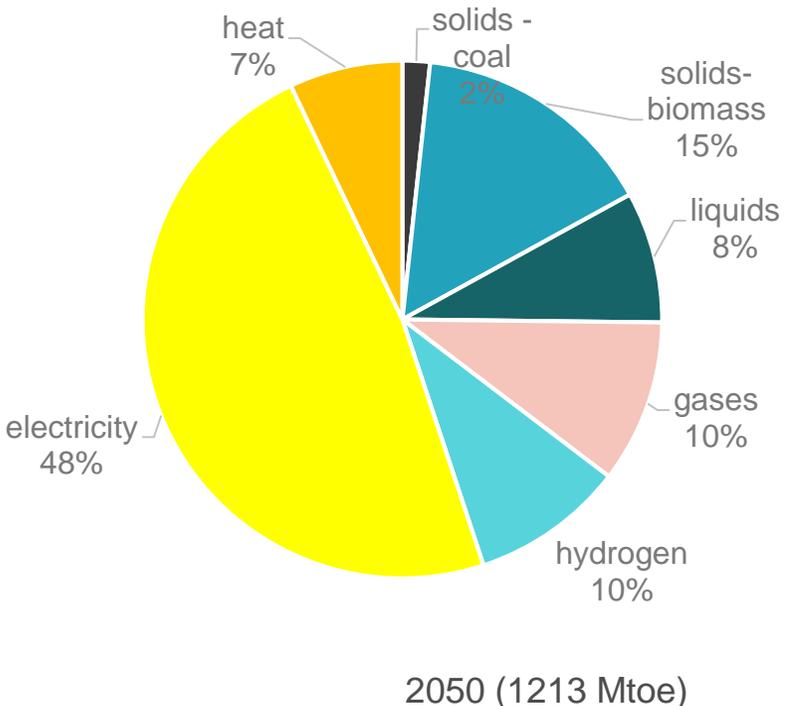
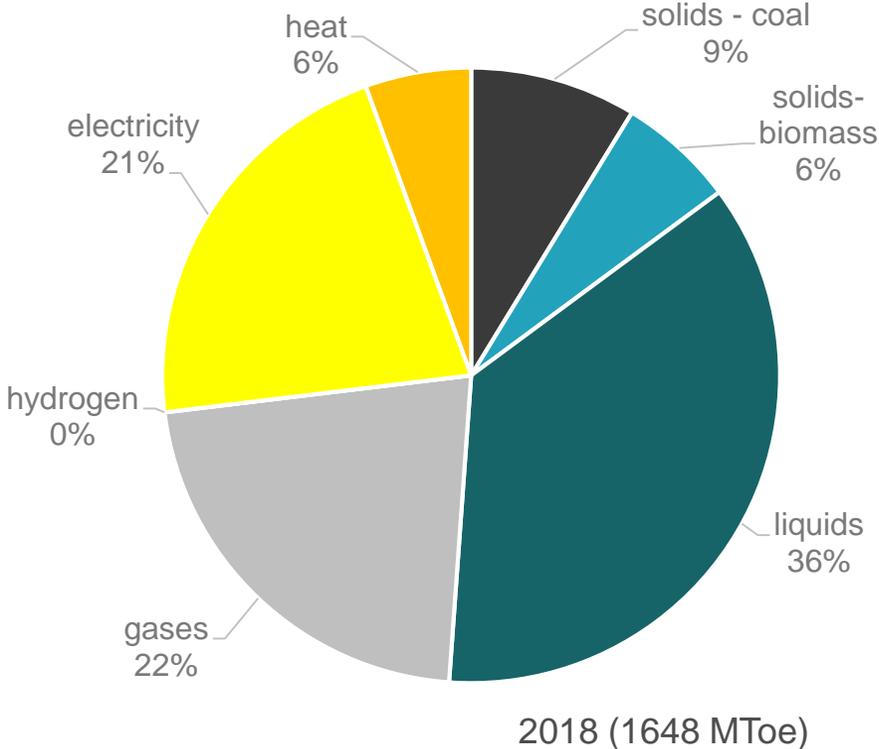


Trajectory towards decarbonisation

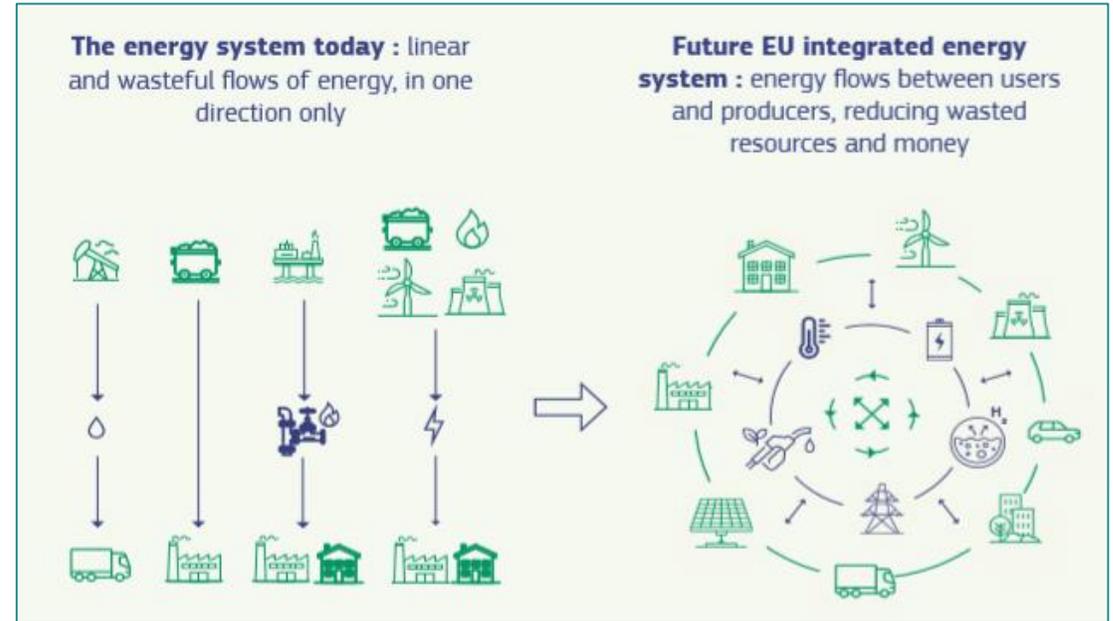
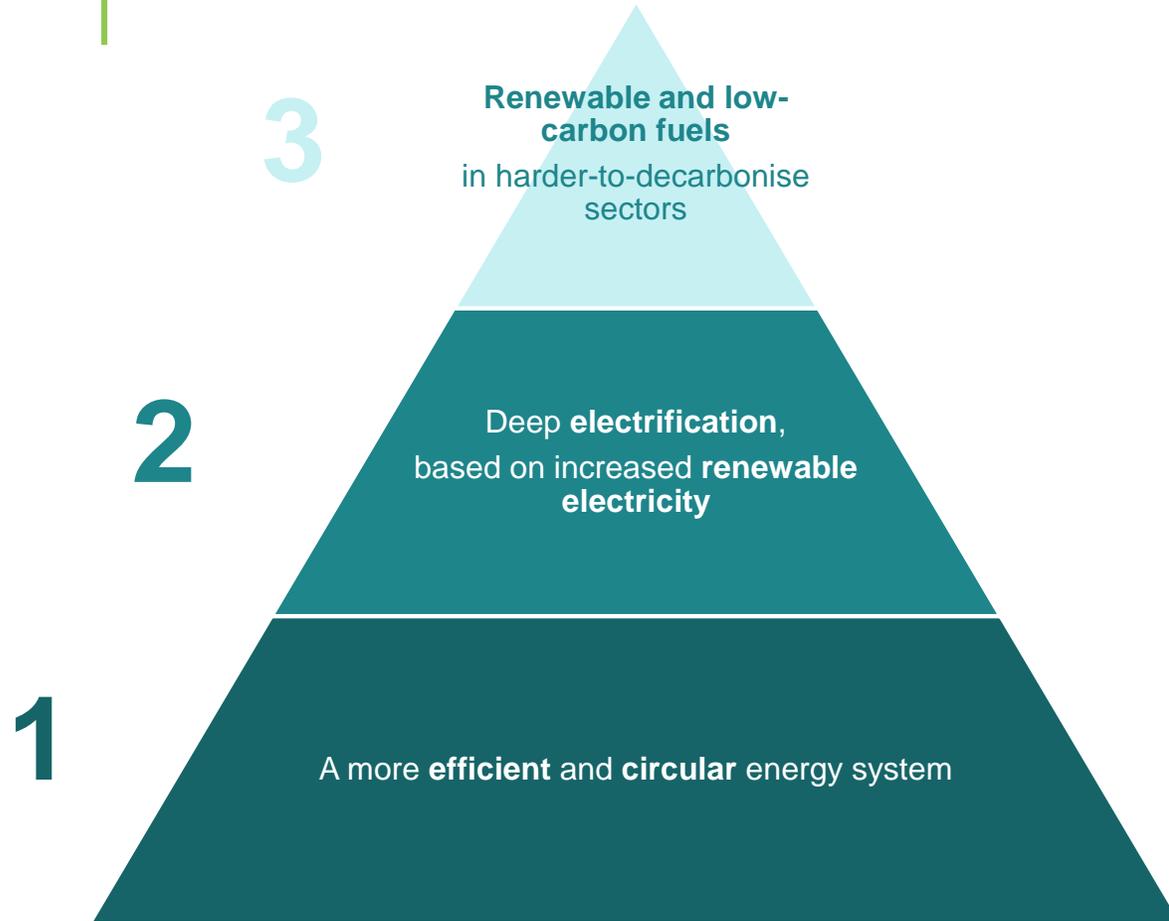


Projected changes to the energy mix



Source: Based on EU28 Eurostat/LTS 1.5LIFE/TECH scenarios

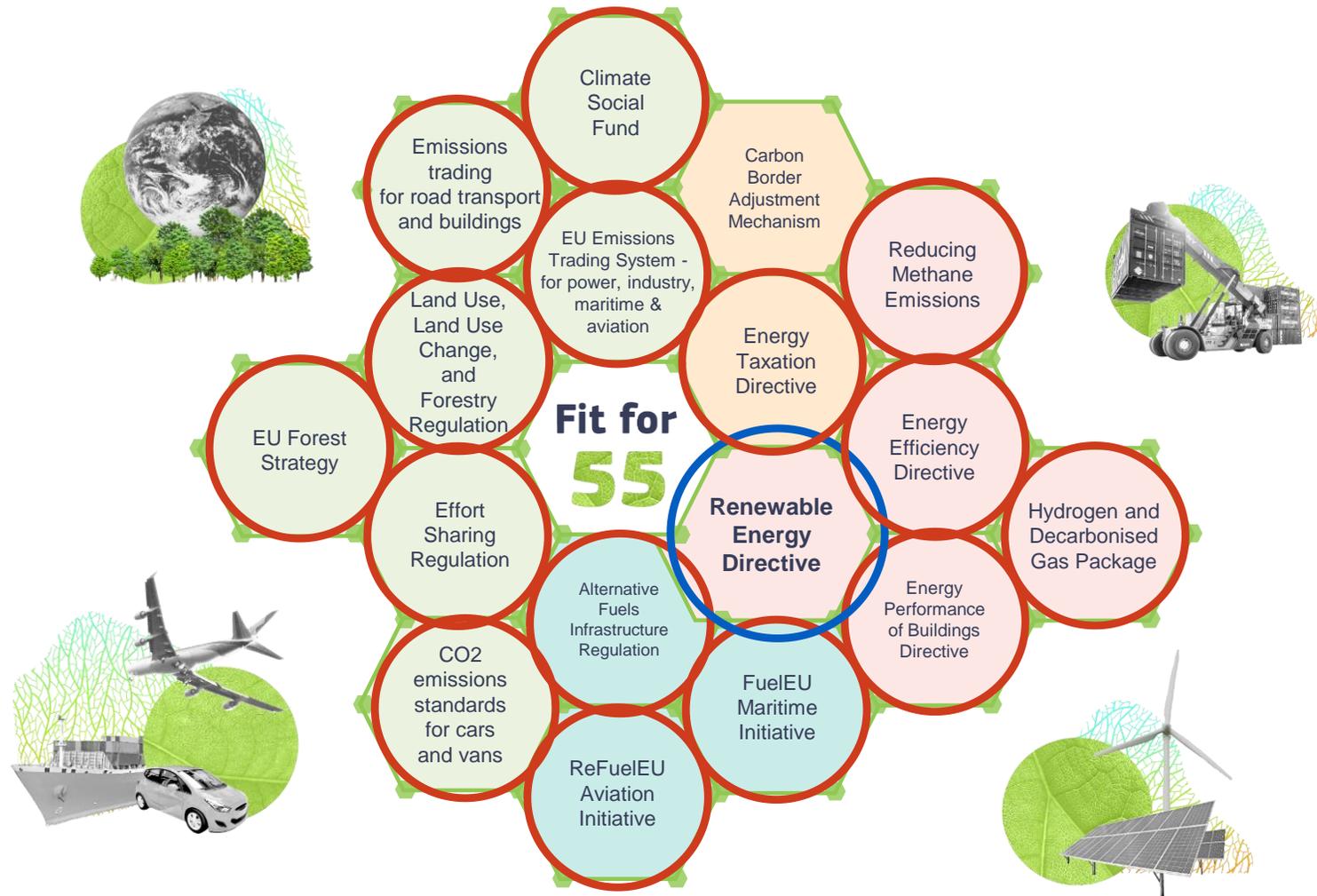
Transforming our energy system - the vision



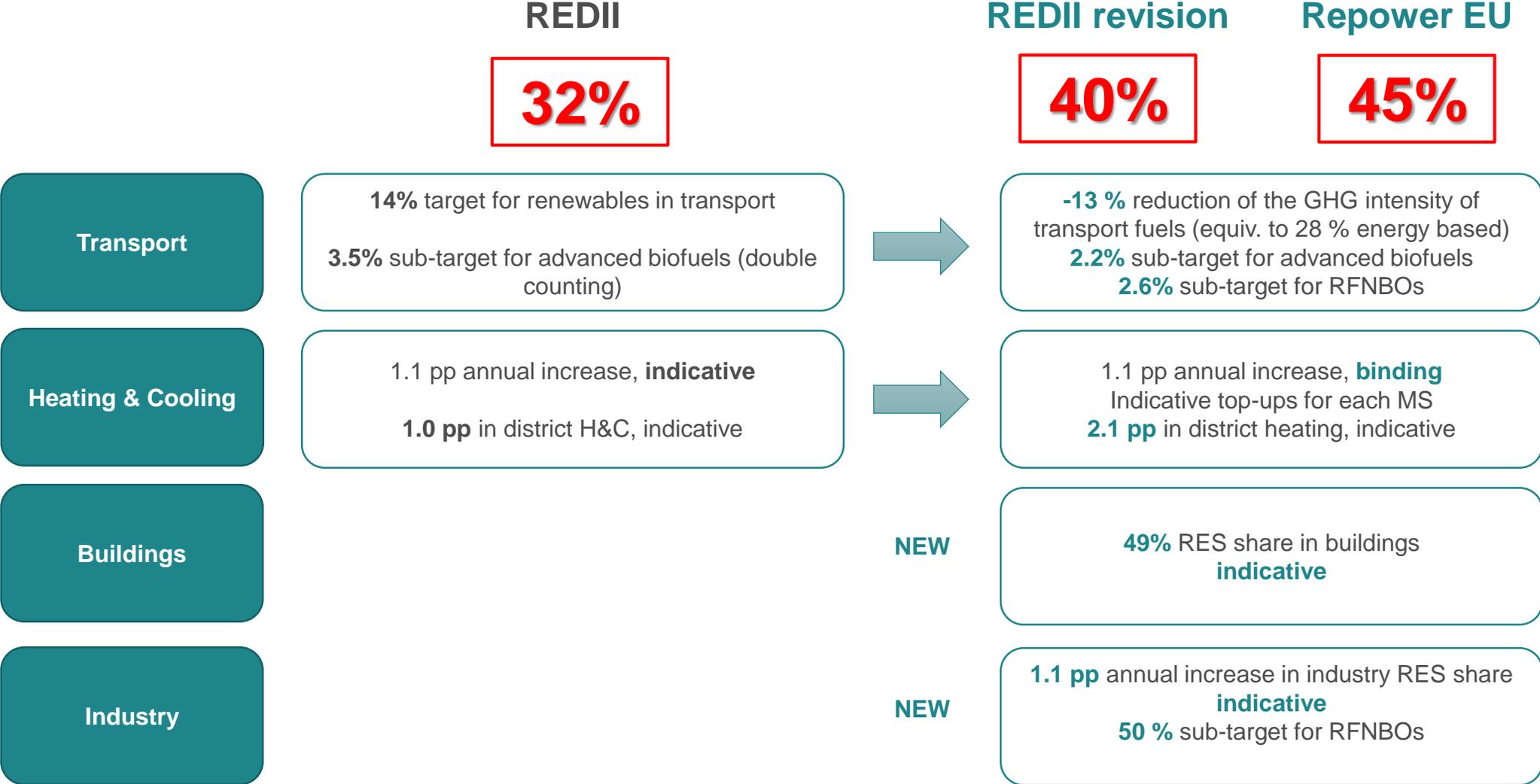
€
Investment needs
up to EUR 400 bn per annum
to deliver on 55%

Energy supply and use responsible for 75% of emissions

Delivering on the EU climate and energy ambition



Summary of proposed sectoral targets



Main changes concerning the promotion of renewables fuels in REDII

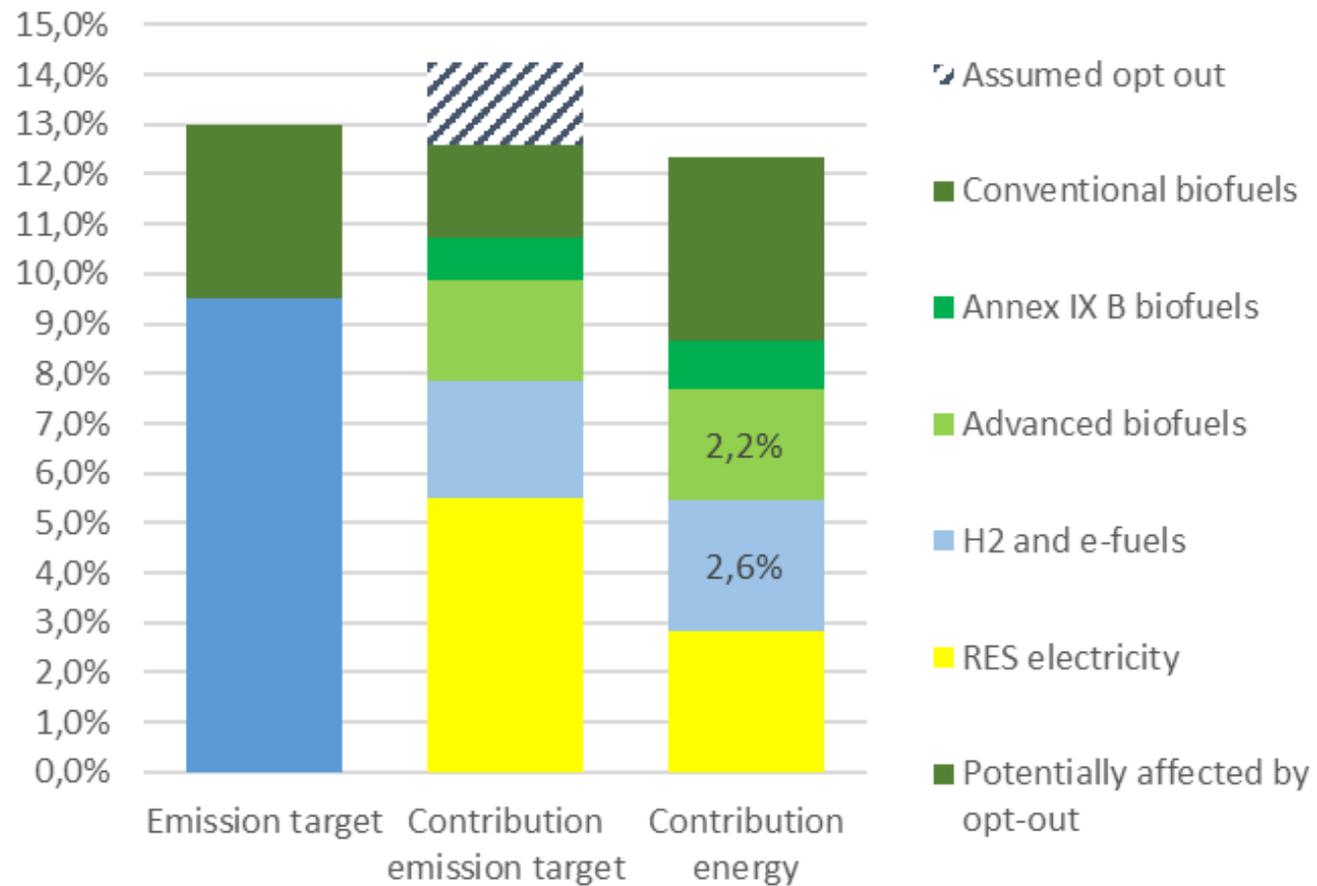
- A shift to a target expressed in terms of a reduction of the GHG emission intensity of fuels.
- An increase of the ambition level of the target. The emission intensity of fuels would need to be reduced by 13% [Repower 16].
- An introduction of energy-based sub target of 2.6% for renewable fuels of non biological origin. The target for advanced biofuels would be set at 2.2% [Repower 5%].
- Maritime and aviation sectors are fully covered.
- A credit mechanism is introduced allowing fuel suppliers to exchange credits. Charging point operators would receive credits for supplying renewable electricity to EVs and could sell these credits to fuel suppliers.

Specific rules for biofuels, bioliquids and biomass fuels produced from food and feed crops

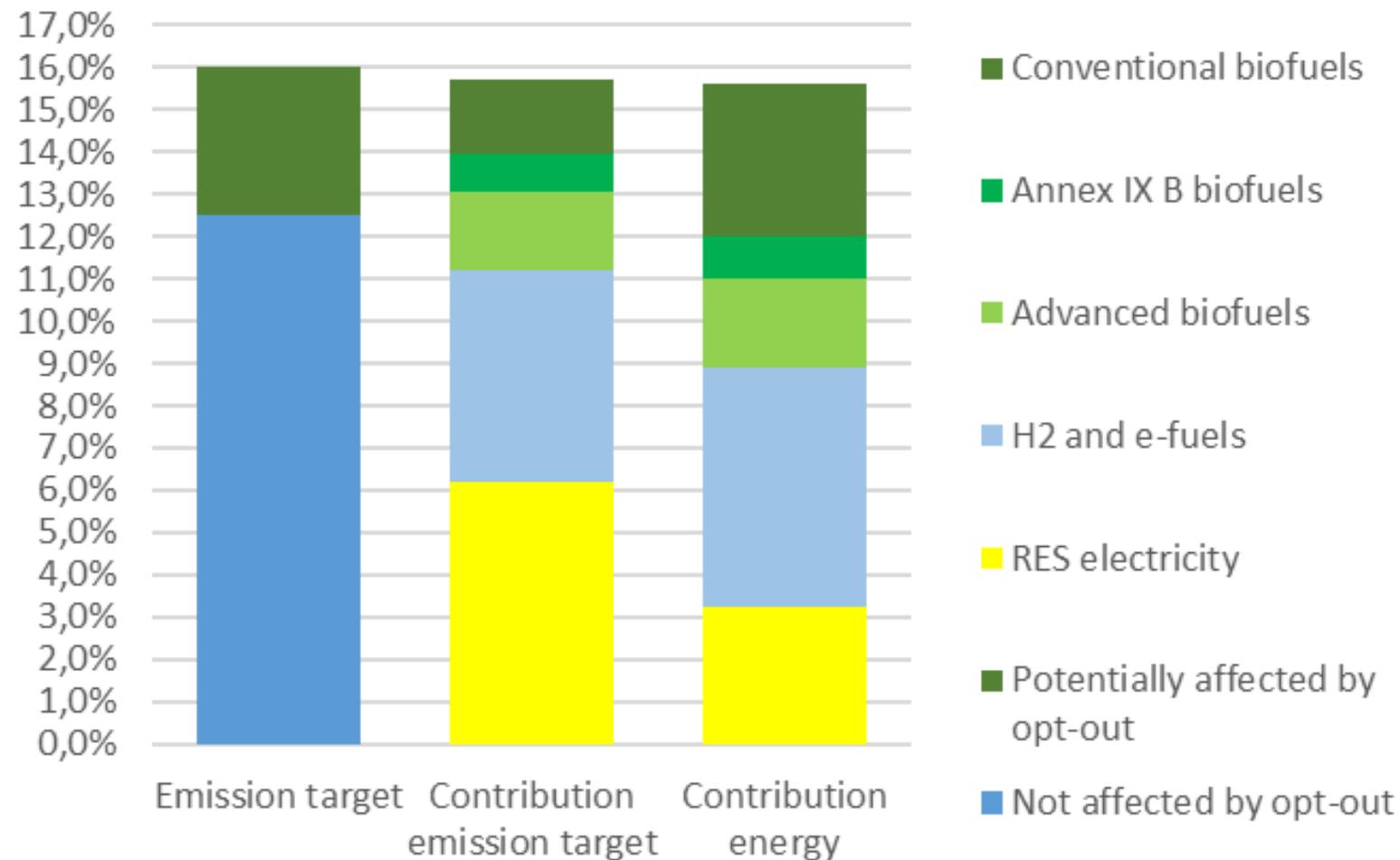
RED II proposal? What main changes the Commission is proposing in this Article and what is the rationale?

- Provisions on food and feed crop-based biofuels Article 26 is aligned with to the new approach. Otherwise no change
- Due to the shift to an emission-based approach the opt out clause was adjusted. MS are allowed under RED II to reduce the 14% target if they count less than 7% food and feed crop-based biofuels. Due to the shift to an emission-based target, MS will be allowed to reduced emission-based target if they count less than 7% food and feed crop-based biofuels biofuels.
- For each percentage point(pp) of MS remain below the 7% share of food and feed crop-based biofuels, the emission target can be reduced by 0,5% pp.

Average contribution of energy carriers to the targets



Average contribution of energy carriers to the targets



Ongoing work on RED II implementation

Recently adopted:

- COM Decisions recognising voluntary schemes were adopted in spring
- Implementing act on sustainability certification

To be adopted soon:

- Implementation of forest biomass criteria (positive vote)

Finalisation of internal work by COM:

- Methodologies for certification of RFNBOs (“additionality” and GHG emissions)
- Delegated act on co-processing
- Annex IX review
- Report on the feedstock expansion
- Finalisation of UDB is progressing (to be finalised by end of 2022)

RED II transposition checks