



# EU Energy Policy & Fit for 55 package and transport

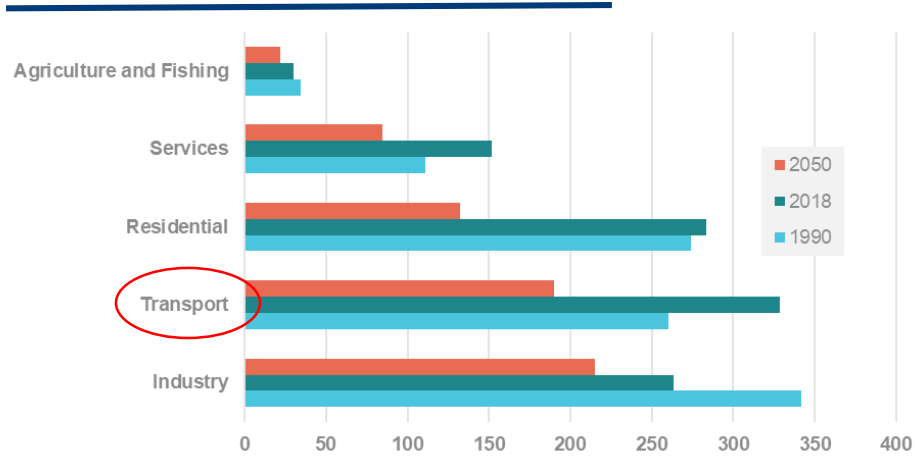
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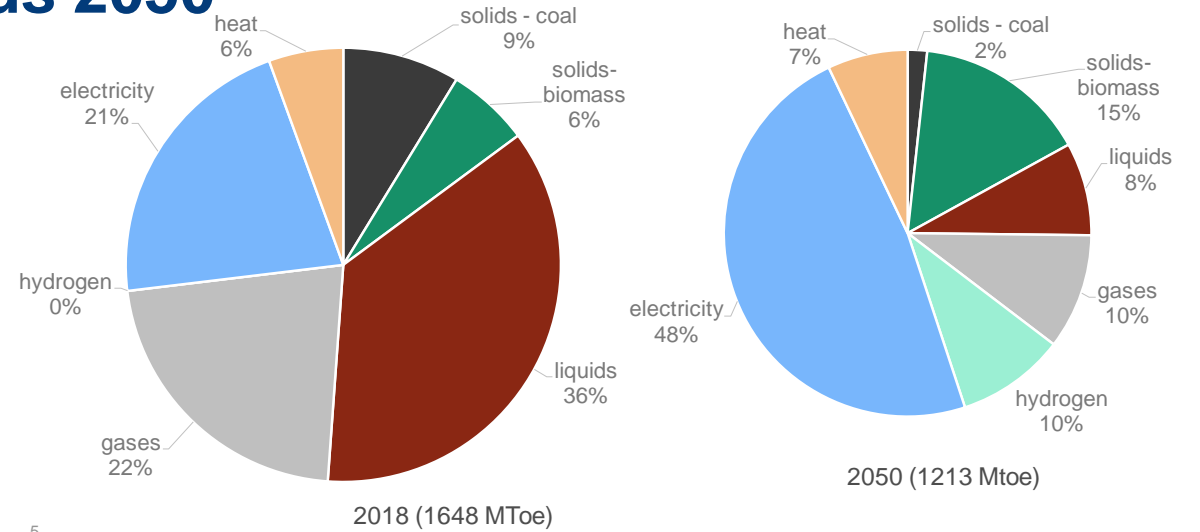
13 January 2022

# A changing energy landscape towards 2050



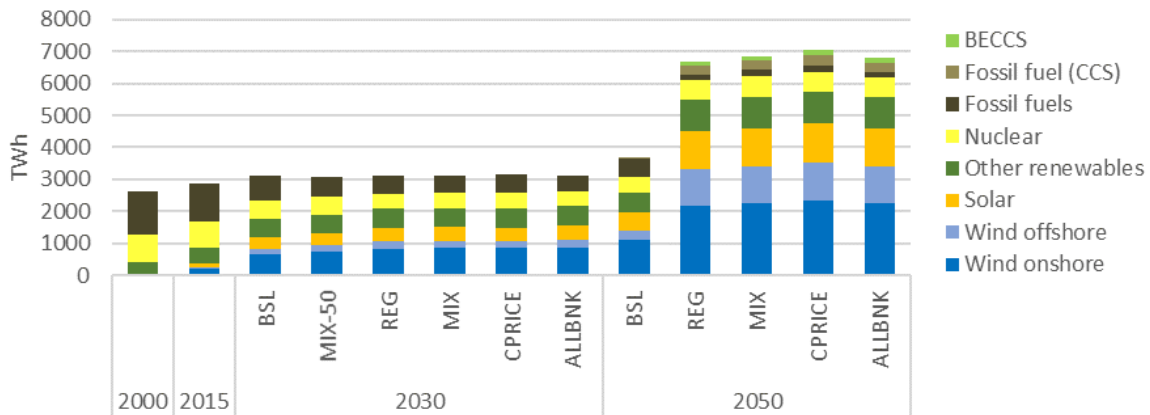
Source: Mtoe, based on EU28 Eurostat/LTS 1.5LIFE/TECH scenarios

## (1) Changing demand



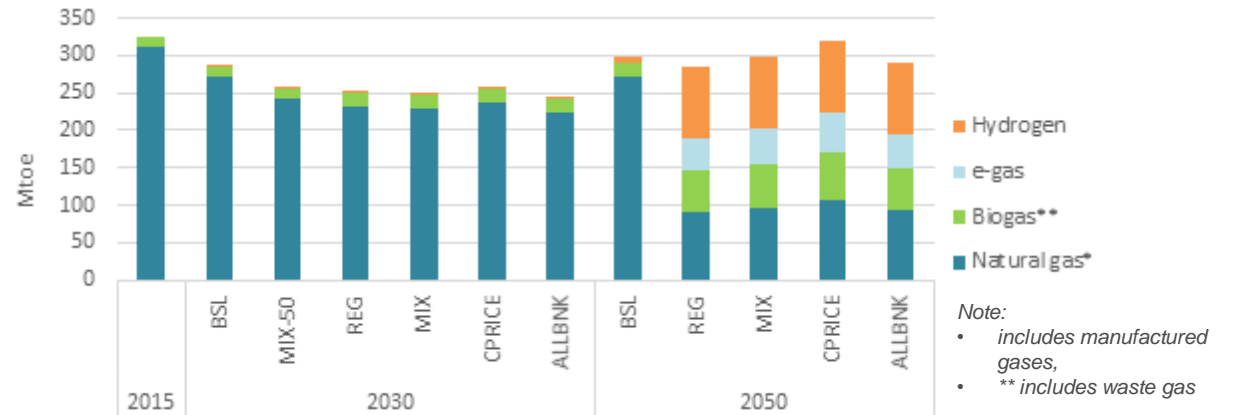
Source: Based on EU28 Eurostat/LTS 1.5LIFE/TECH scenarios

## (2) Changing energy carriers



Source: 2015: Eurostat, 2030-2050: PRIMES model

## (3) Massive increase RES-E

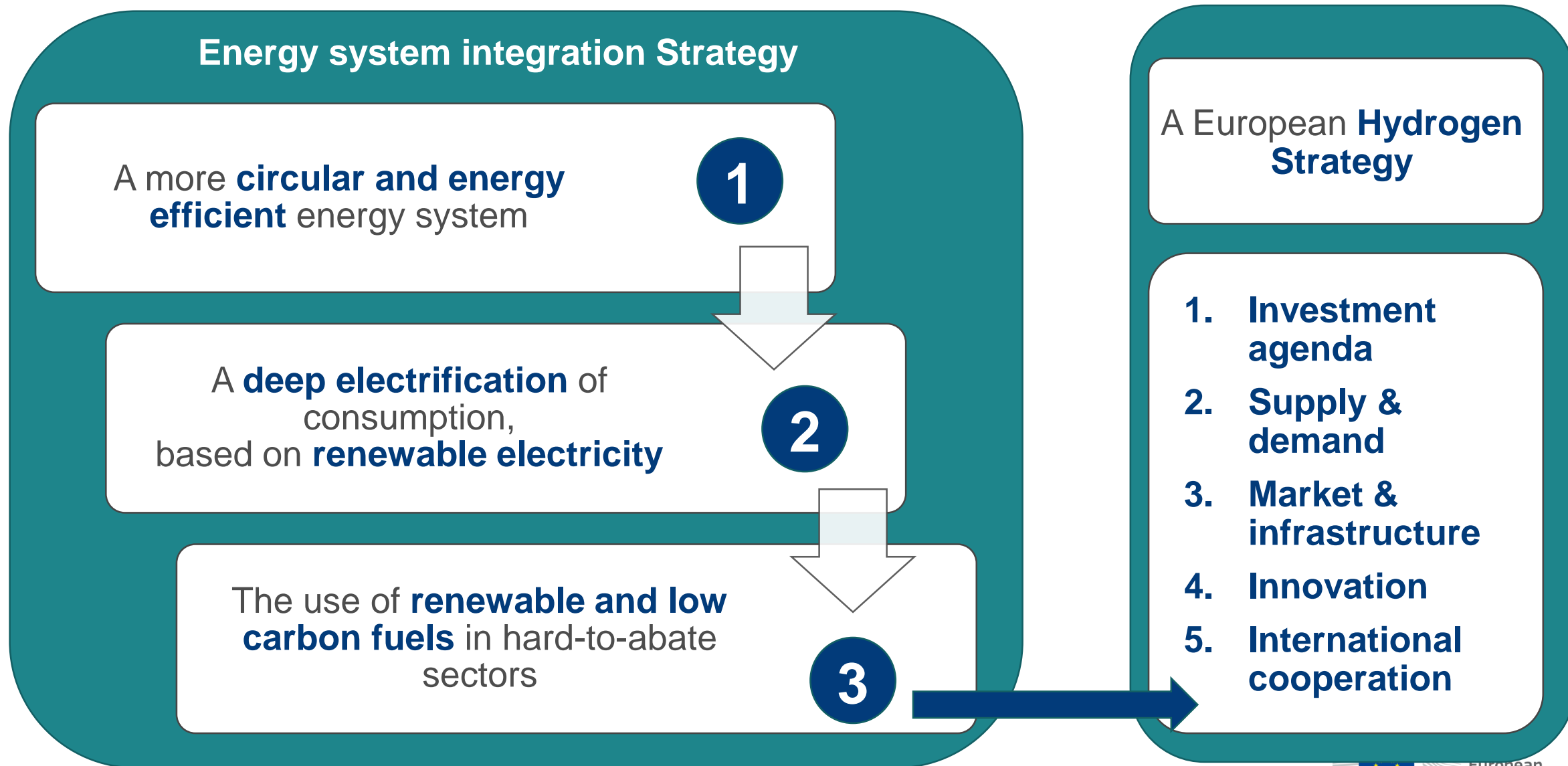


Source: 2015: Eurostat, 2030-2050: PRIMES model

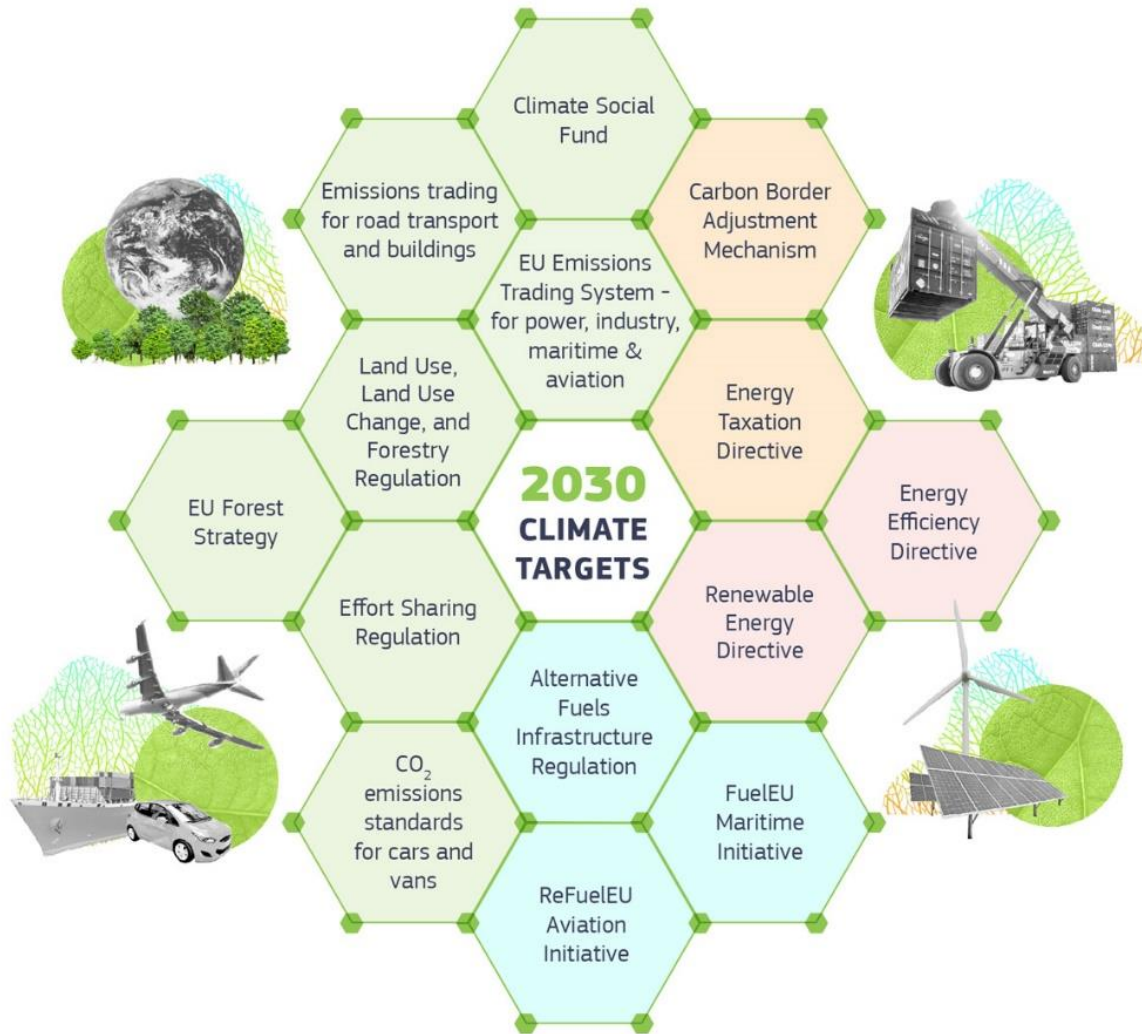
## (4) Renewable and low-carbon gases



# Laying the foundation for a climate-neutral energy system – Green Deal objective



# The Fit for 55 Package – Overview



The package aims to make the EU 'fit for 55' and **deliver the transformational change** needed in a

- **fair,**
- **cost-efficient and**
- **competitive way.**

It cements the **EU's global leadership** by action and by example in the **fight against climate change**

# Fit for 55 and initiatives relevant for transport

- ✓ **RED II proposal:**
  - Substantial increase in renewable energy from the current 32% target today to 38%-40% by 2030. RES H2 50% in industry and 2,6% in transport (RFNBOs). Certification system for renewable and low-carbon fuels.
- ✓ **Energy Efficiency Directive**
  - a more ambitious binding annual target for reducing energy use at EU level. Overall target: new EU binding target for final and primary energy consumption (36% and 39%)
- ✓ **Energy Taxation Directive:**
  - preferential tax rates for the use of renewable and low carbon energy products, incl. fuels
- ✓ **Hydrogen and gas markets decarbonisation package**

# Fit for 55 and initiatives relevant for transport

- ✓ **Alternative Fuels Infrastructure Regulation:** 12.9 target for the reduction of the greenhouse GHG emissions for transport fuels, incl. at least one electric charging each 60km and h2 refuelling station each 150 Km
- ✓ **FuelEU aviation and maritime proposals:** stimulate the uptake of sustainable fuels, including hydrogen
- ✓ **CO2 Emissions standards for cars and vans:** more ambitious CO2 emission targets for new cars and vans from 2030 onward.
- ✓ **EU Emission Trading Scheme:** extending and deepening the scheme, also production of H2 with electrolyzers to receive free allowance and carbon contracts for difference
- ✓ **Revision of Energy Performance Buildings Directive:** strengthen the support for charging infrastructure for electric vehicles in buildings and parking space for bicycles



Thank you

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