



## The European Green Deal

Decarbonisation through energy technologies,  
economic recovery, just transition

*Franco-German Energy Forum  
3 November 2020*

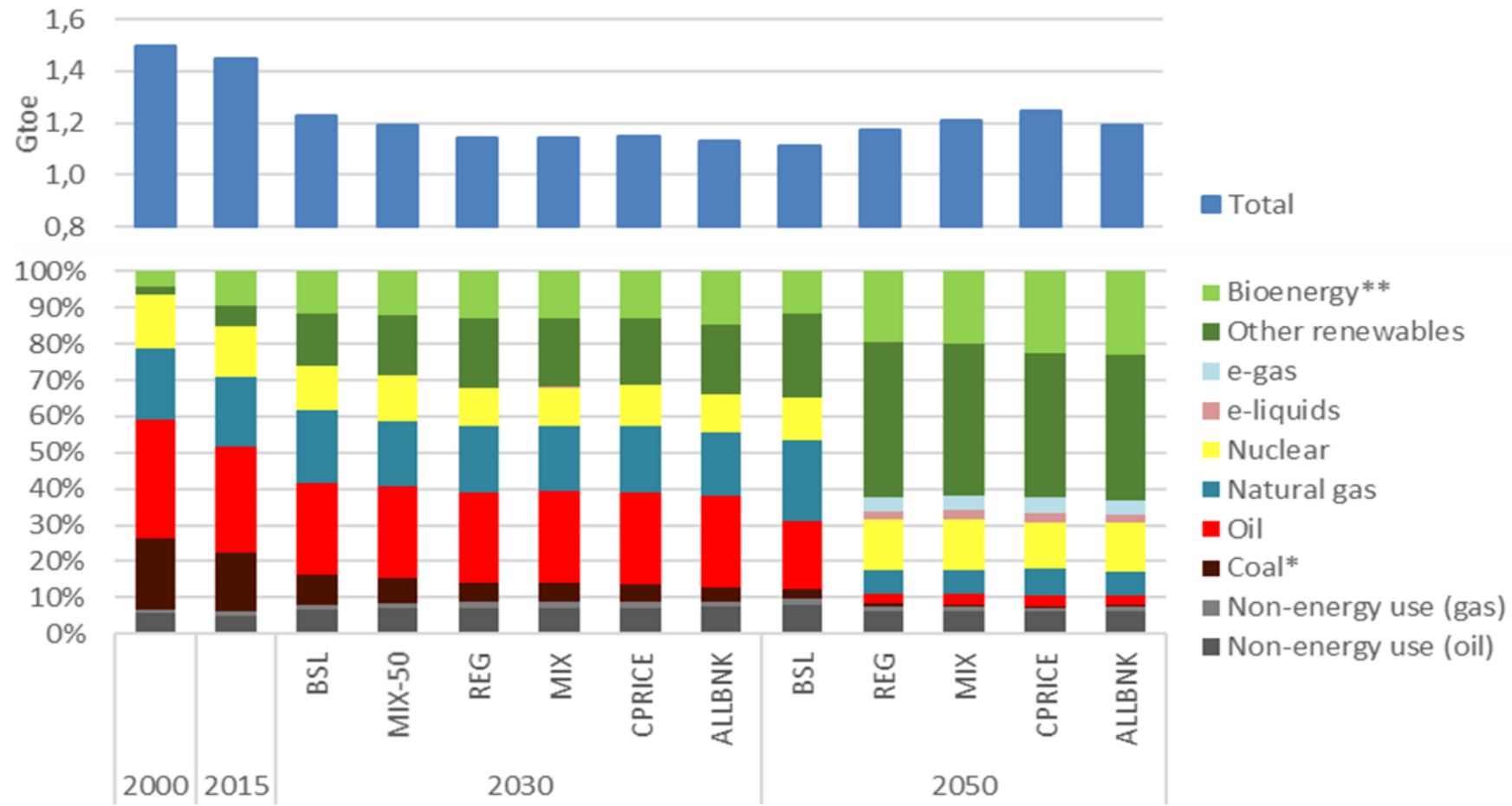


# The European Green Deal

- (1) How can changes to our energy system contribute to economic recovery?
- (2) How can we benefit from competitive advantages when implementing the European Green Deal?
- (3) Why is just transition part of the European Green Deal?

# Energy system evolution

(gross inland energy consumption according to the impact assessment for stepping up Europe's 2030 climate ambition)

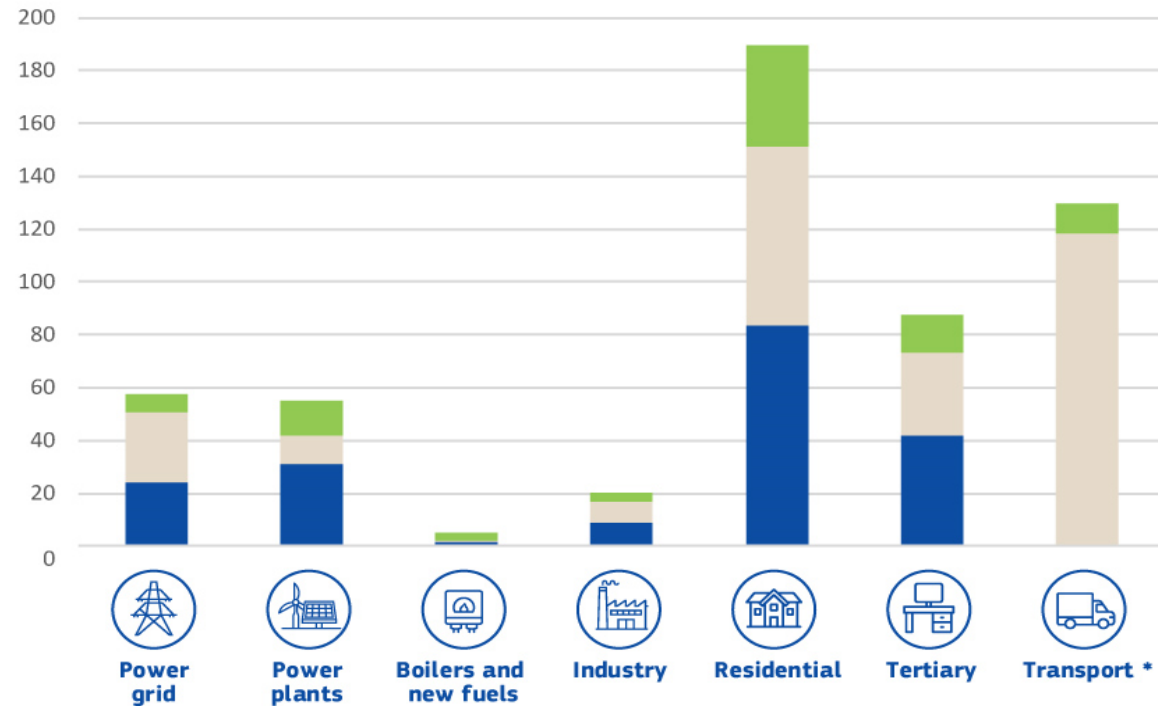


# Investment needs & additional investments

## National Energy and Climate Plans:

- provide improved overview of investment needs;
- set out policies and measures compatible with recovery needs, e.g. buildings, renewables, energy system integration
- can help identify frontloading mature projects.

**Average annual investments 2011-2020 and additional investments 2021-30**  
under existing policies and to achieve -55% greenhouse gas emission reductions  
(in billion EUR 2015)

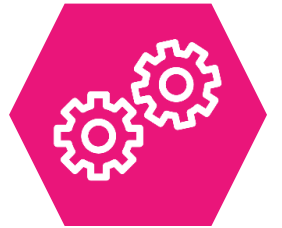


- Additional to achieve -55% greenhouse gas reductions, 2021-2030
- Additional under current 2030 policies in 2021-2030 compared to 2011-2020
- Historic annual investments in the energy system 2011-2020

\* transport only shows additional investment

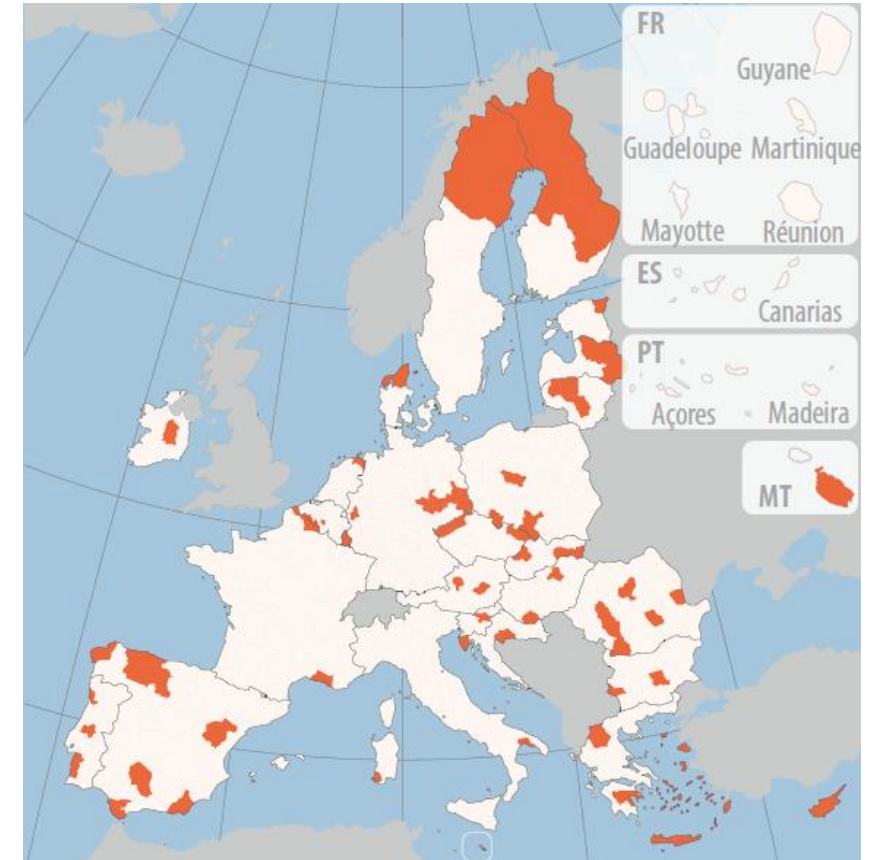
# Clean Energy Competitiveness

- Strong EU industry position in key clean energy technologies;
- Clean energy technologies sector outperforms the conventional energy sector and creates more value-added;
- Examples: offshore wind; renewable hydrogen.



## Just transition

- At the heart of the European Green Deal
- Support to most affected EU regions and sectors:
  - EU initiative for coal regions in transition
  - Upcoming Just Transition Fund – provisional allocation of 17,5 bn EUR



*Proposed NUTS-3 areas to benefit from the Just Transition Fund (source: ERPS)*

**Thank you for your attention**