

# **A cap on fossil fuel is needed**

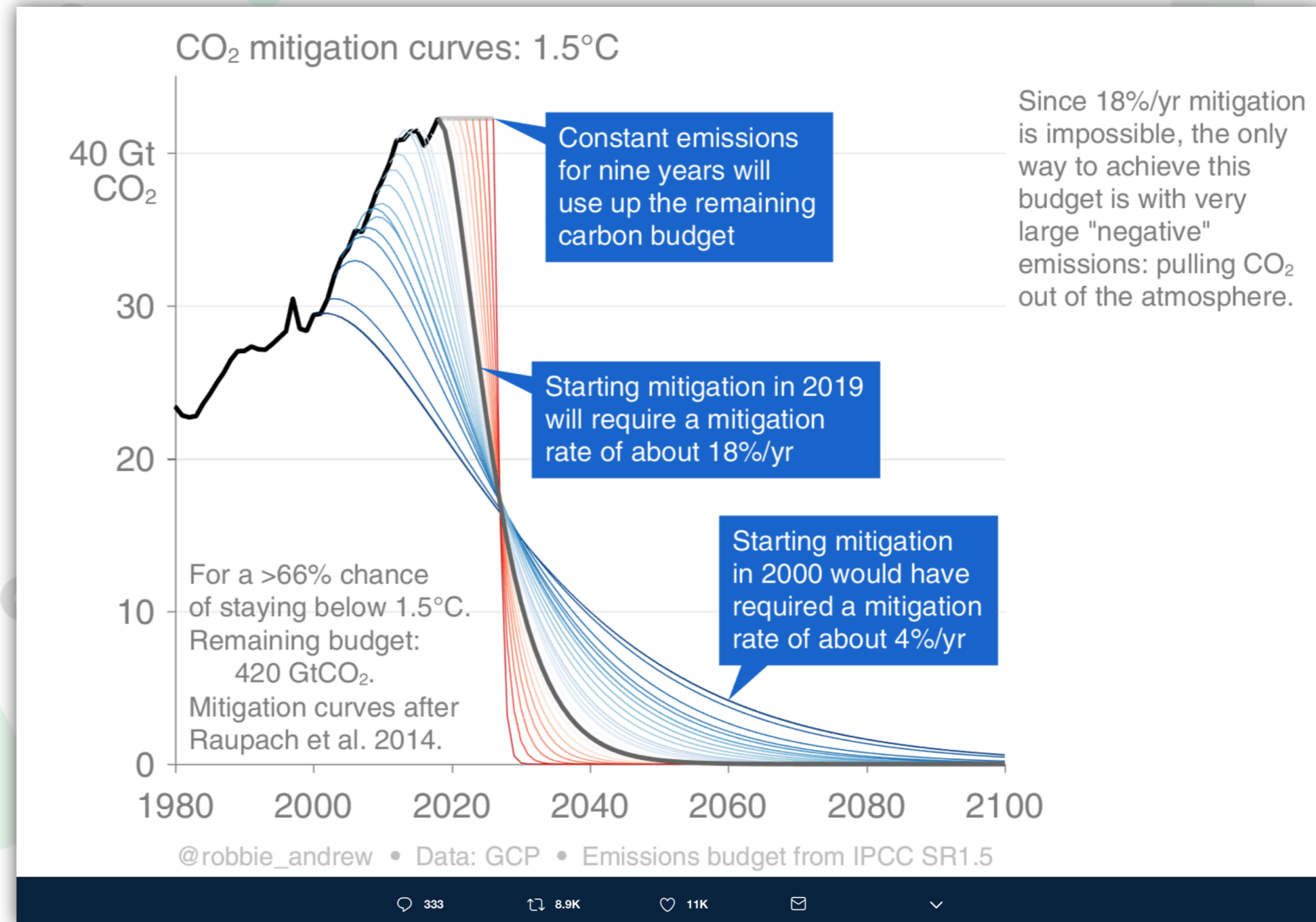
**necessary to reach 2030 mobility targets**

16 September 2020, Advanced Biofuels Conference,  
organised by Svebio

Eric van den Heuvel, Director PDB

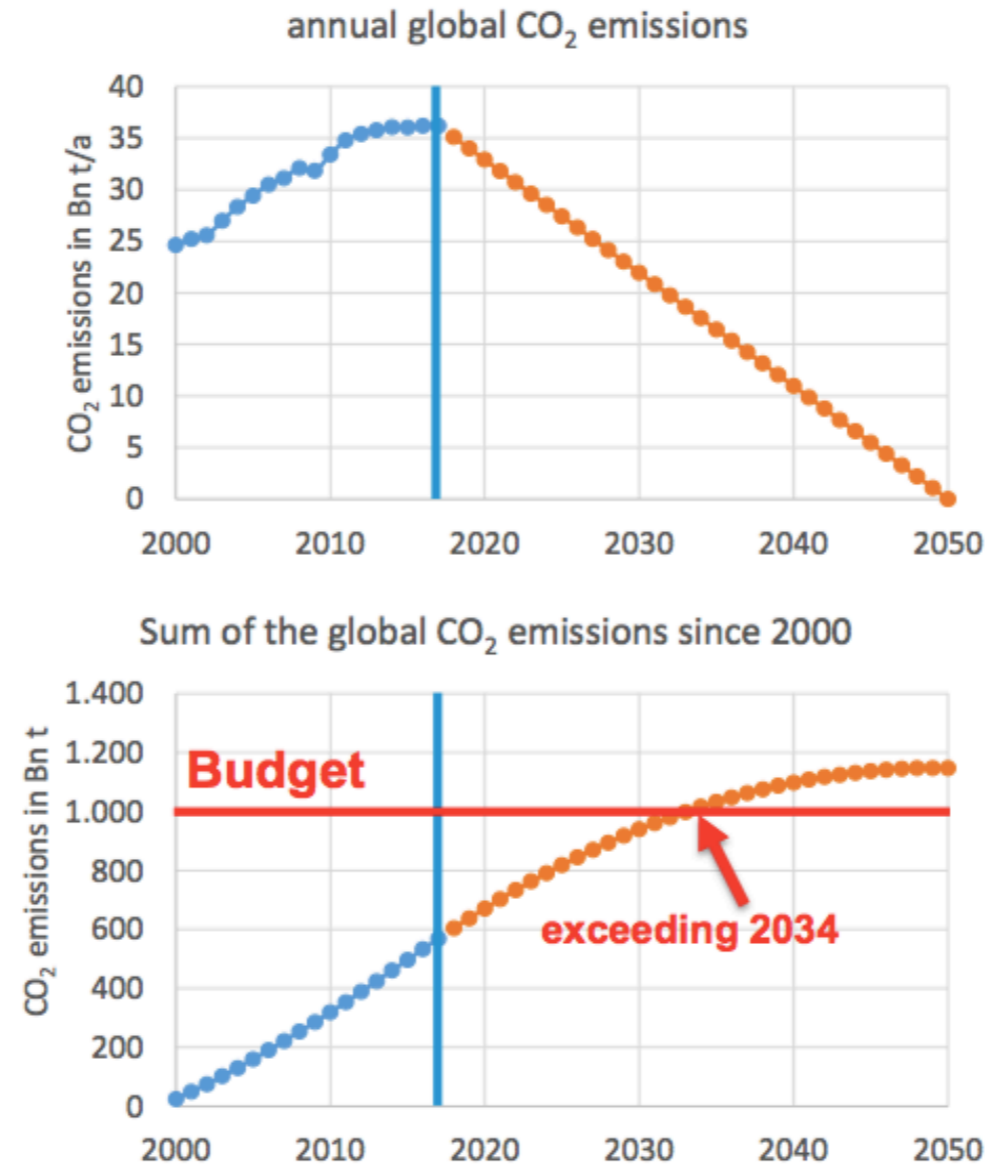
# The slower we start, the sooner we need to arrive...

The remaining Carbon Budget to limit temperature rise above 1.5 or 2°C is depleted quickly



# ... to achieve climate neutrality

## CLIMATE PROTECTION: TIME IS RUNNING: 2050 SCENARIO EXCEEDS THE BUDGET

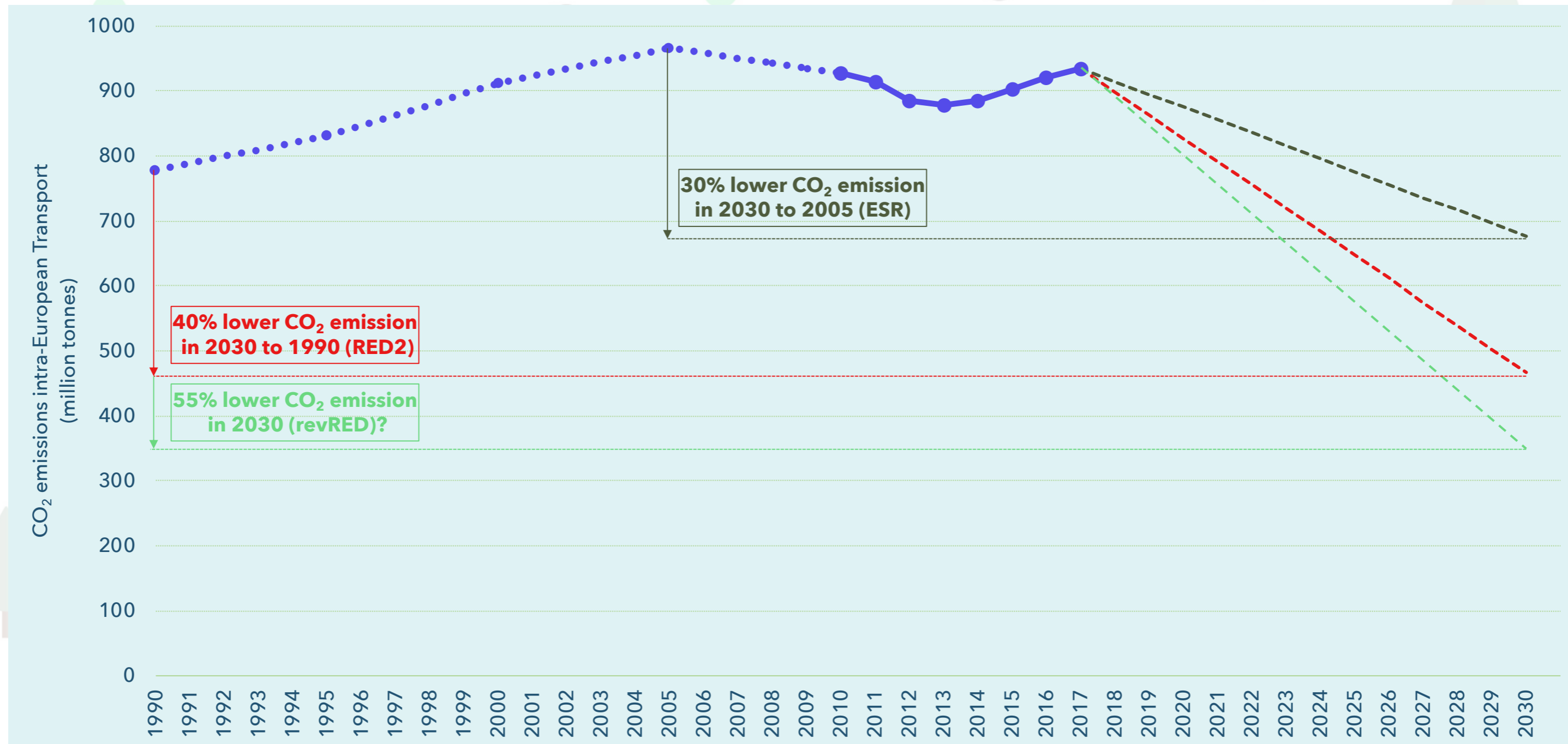


Prof. Dr.-Ing. Thomas Willner  
Berlin, 23 Jan. 2018

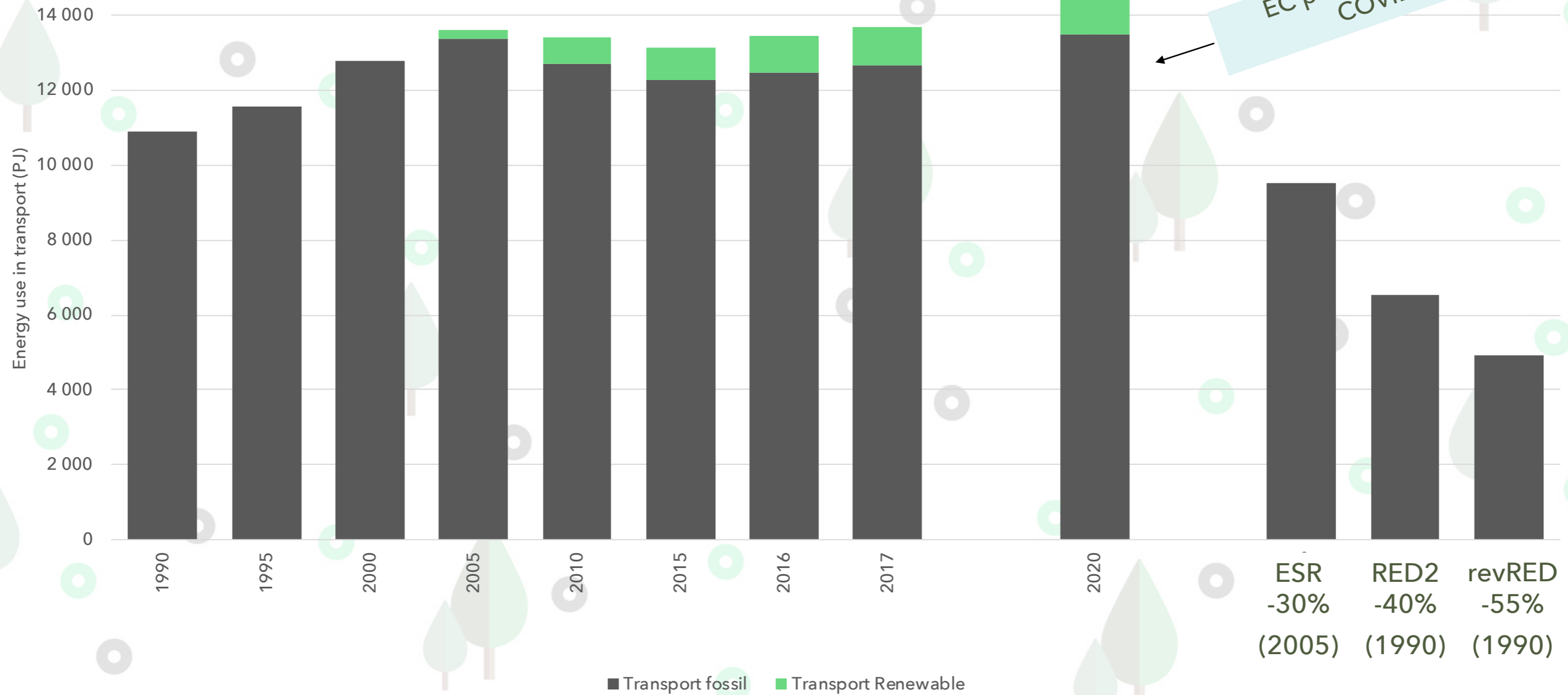
HAW  
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Driven by Nature.

# Development CO<sub>2</sub>-emissions in EU28 in transport



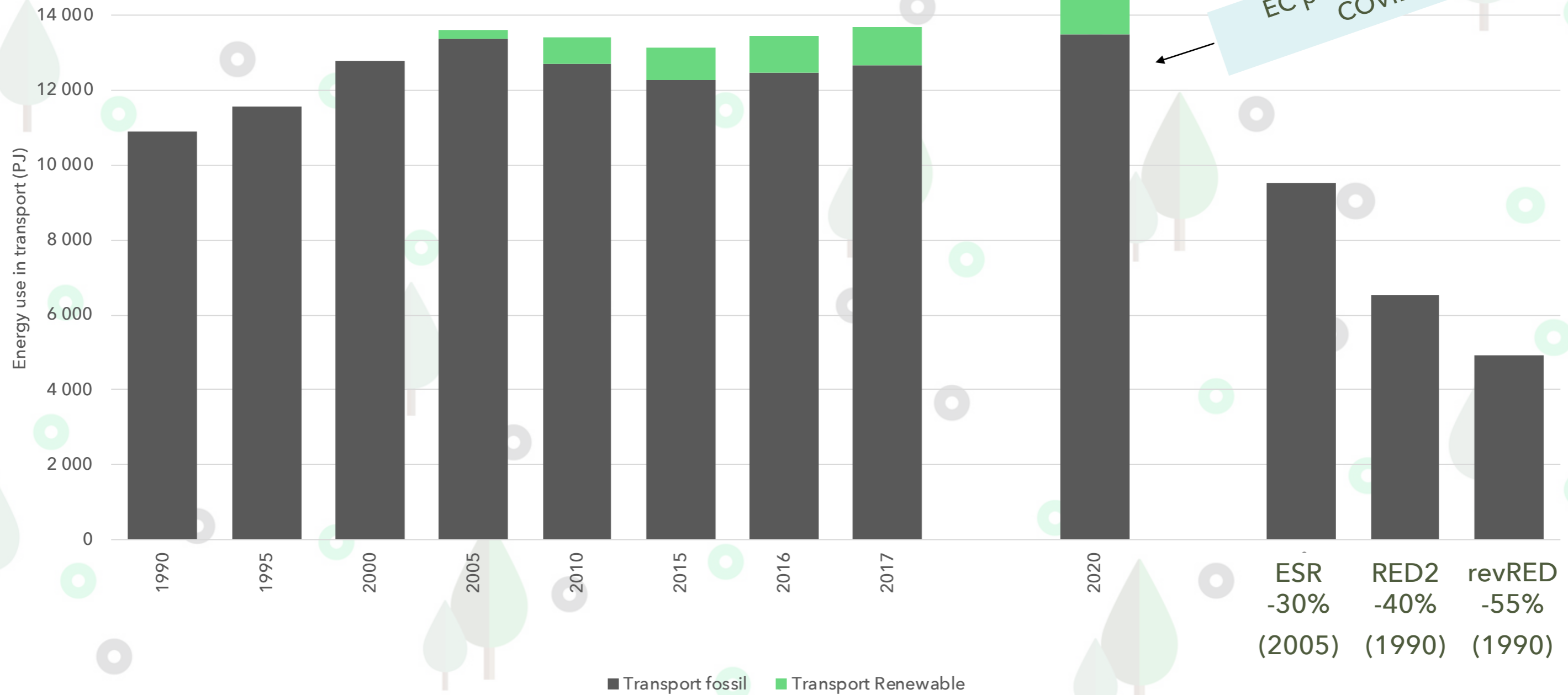
# Development and projection of energy use in transport in EU28...



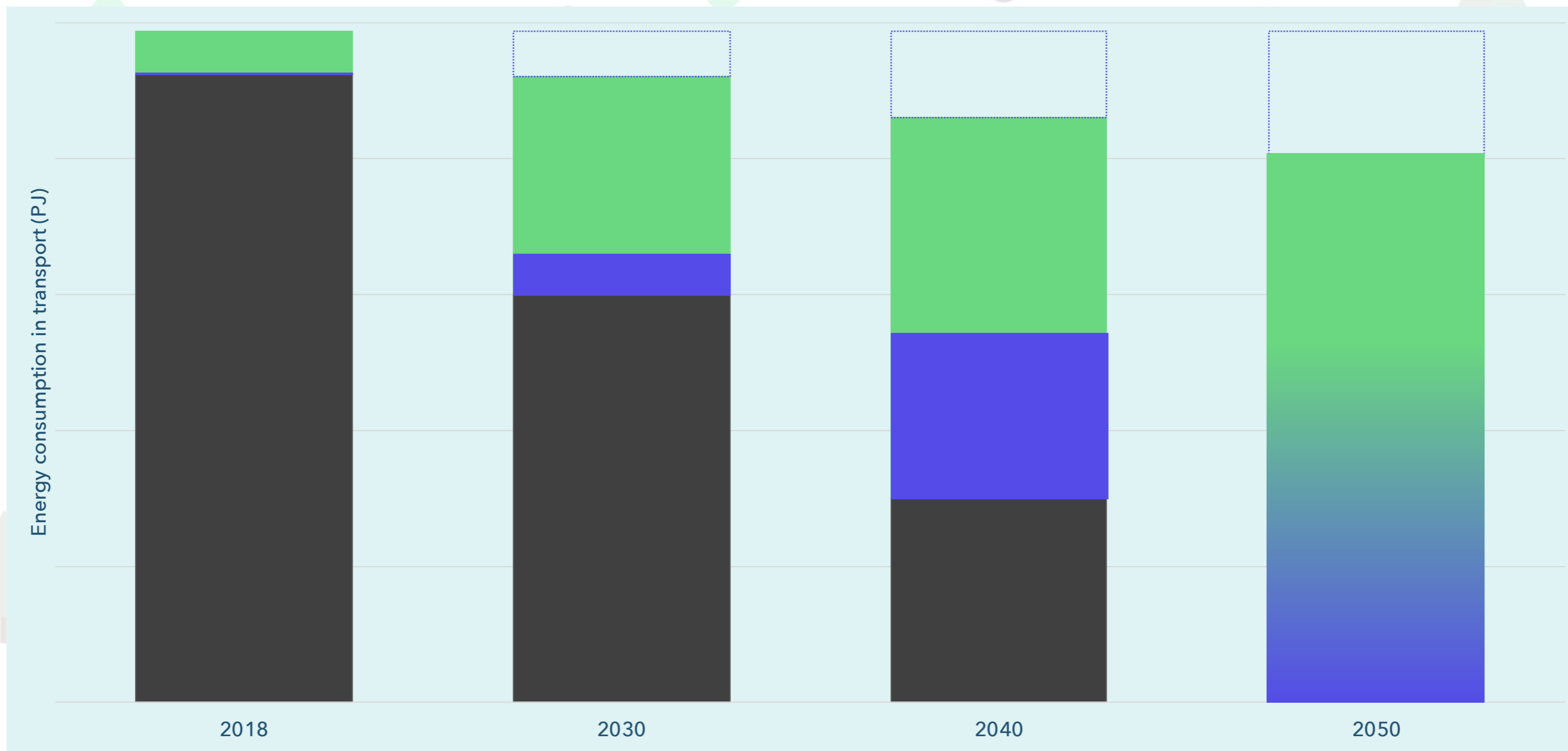
1990-2017 data from EC Transport in figures Pocketbook 2019  
2020 data from EC Reference Scenario 2016

Driven by Nature.

# Increasing shares of renewable energy did not impact the volume of fossil fuel....



# Instead of setting shares of renewable energy, instruments for absolute and decreasing limits of fossil are needed



# Arguments for a limit on fossil:

- In 2030 use of fossil should be capped to max 2/3<sup>rd</sup> of 2020 volume, and max 1/3<sup>rd</sup> of volume in 2040, and zero by 2050
- The need for mobility in Europe is expected to remain
- The investment agenda for transport is clear for all actors:
  - Fossil will be faded out
  - An expanding innovation and investment agenda opens for all renewable energy and energy efficiency options
- Mobility needs will require, and thus boost, developments and deployment of renewable options - Electric Mobility and Renewable fuels will team up to find proper mobility solutions
- CO<sub>2</sub>-emission trajectory is clear for a long period of time, beyond 2030
- Several industry players have indicated and hinted to support such an approach

# We need to shift from RED to FFD

- Current EU policy framework leaves fossil fuels 'untouched'. The mandatory shares are relatively low and leave even room for expansion of fossil fuels
- EU needs to change its focus
- How can we as national innovation platforms on renewable fuels in transport collaborate to make these shift reality?



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