



European
Commission



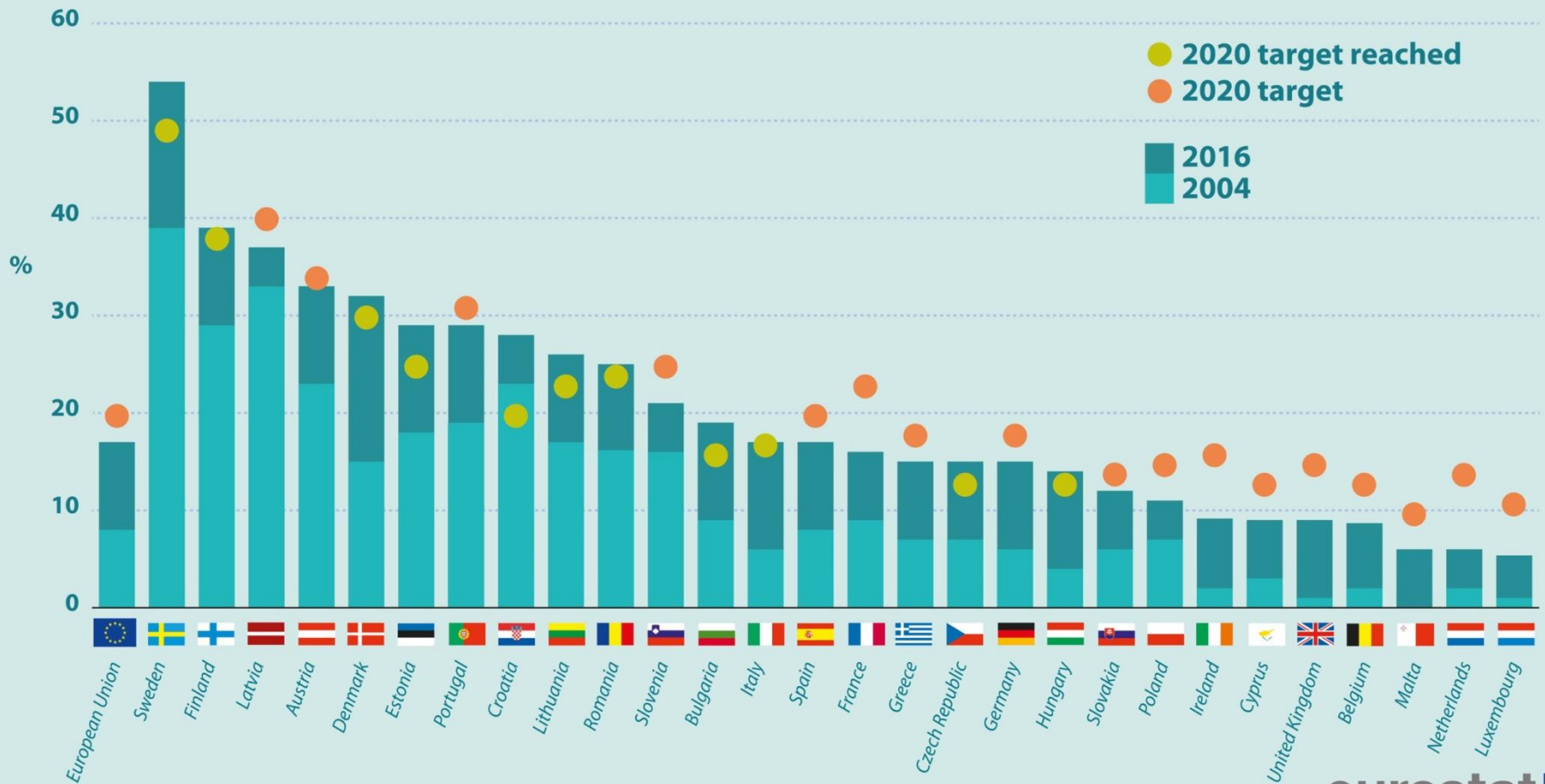
State of play of REDII

Renewable energy in transport

Giulio Volpi, European Commission

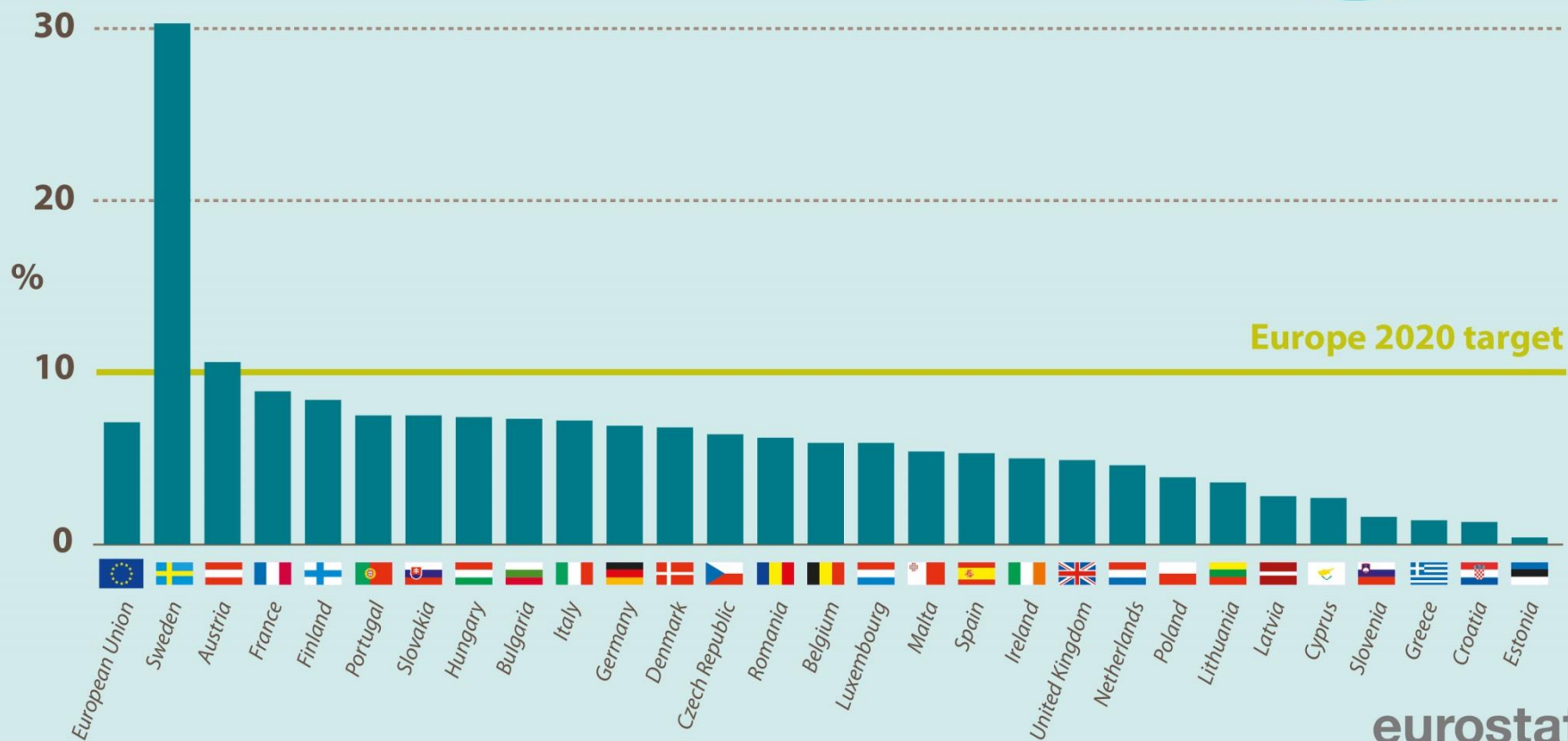
Share of energy from renewable sources in the EU Member States

(in % of gross final energy consumption)



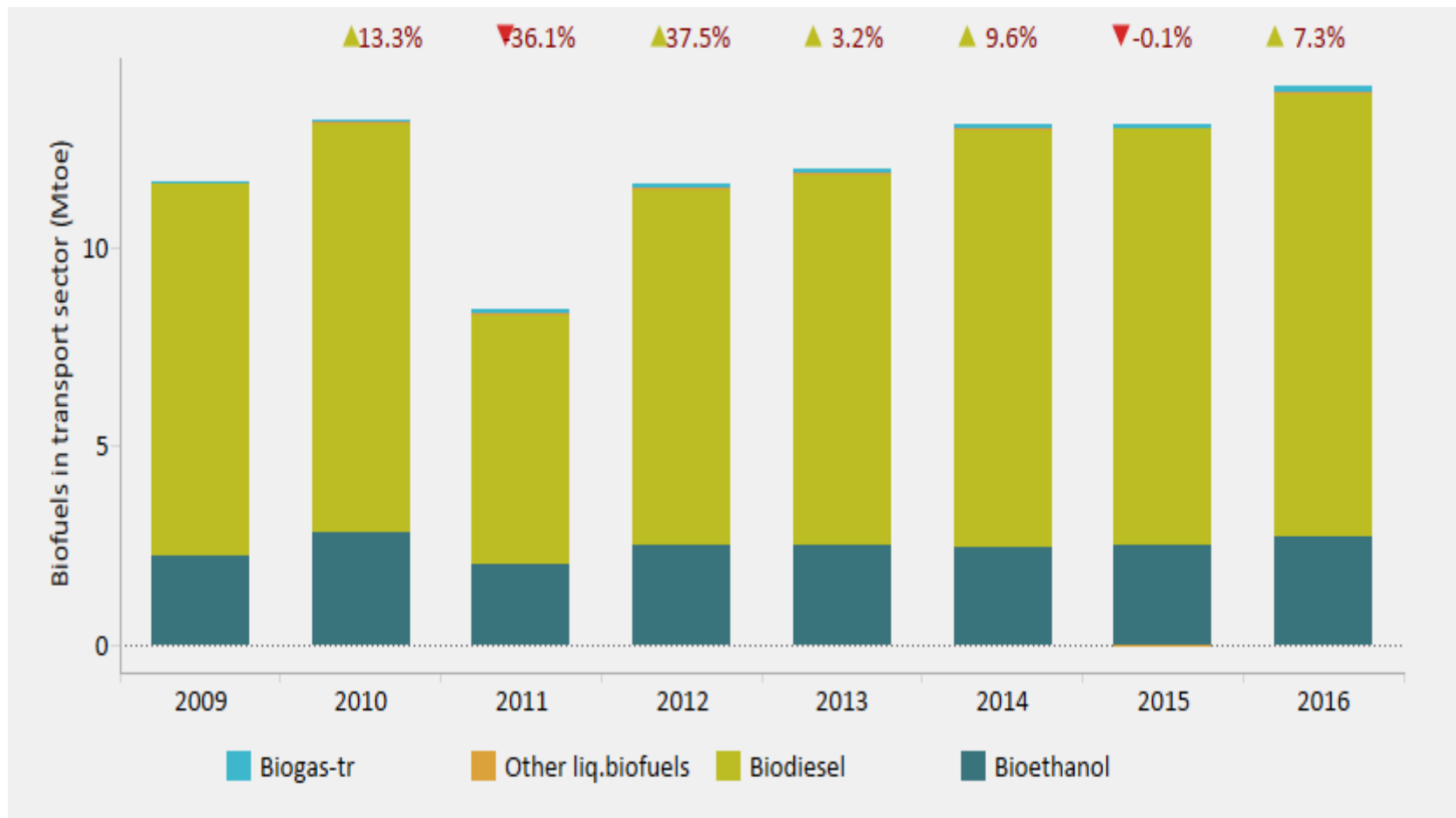
Share of energy from renewable sources in transport, 2016

(in % of gross final energy consumption)

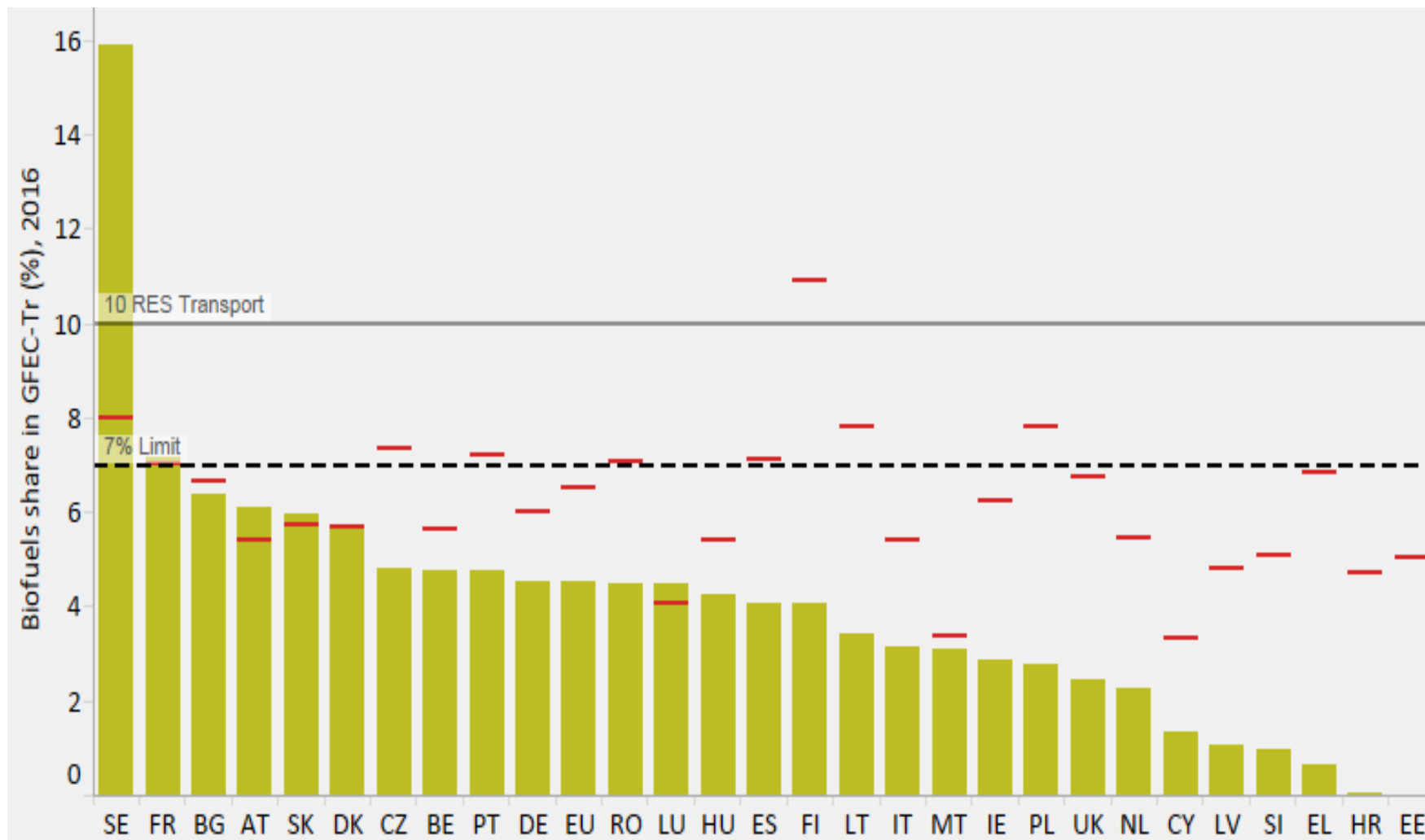


Biofuels in transport sector: 5% in 2016

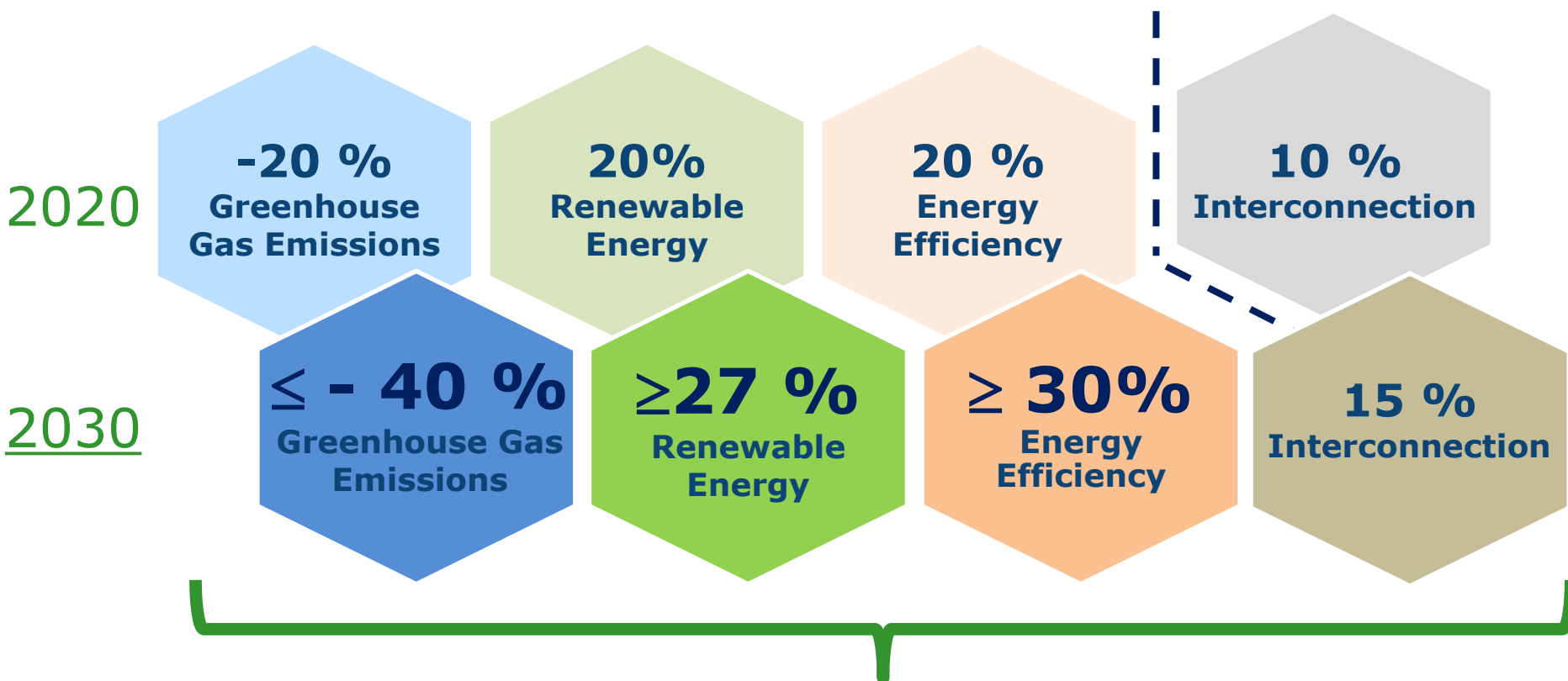
79.6% Biodiesel, 19.3% Bioethanol, 0.9% biogas



Share of biofuels in transport vs national plans (%, 2016)



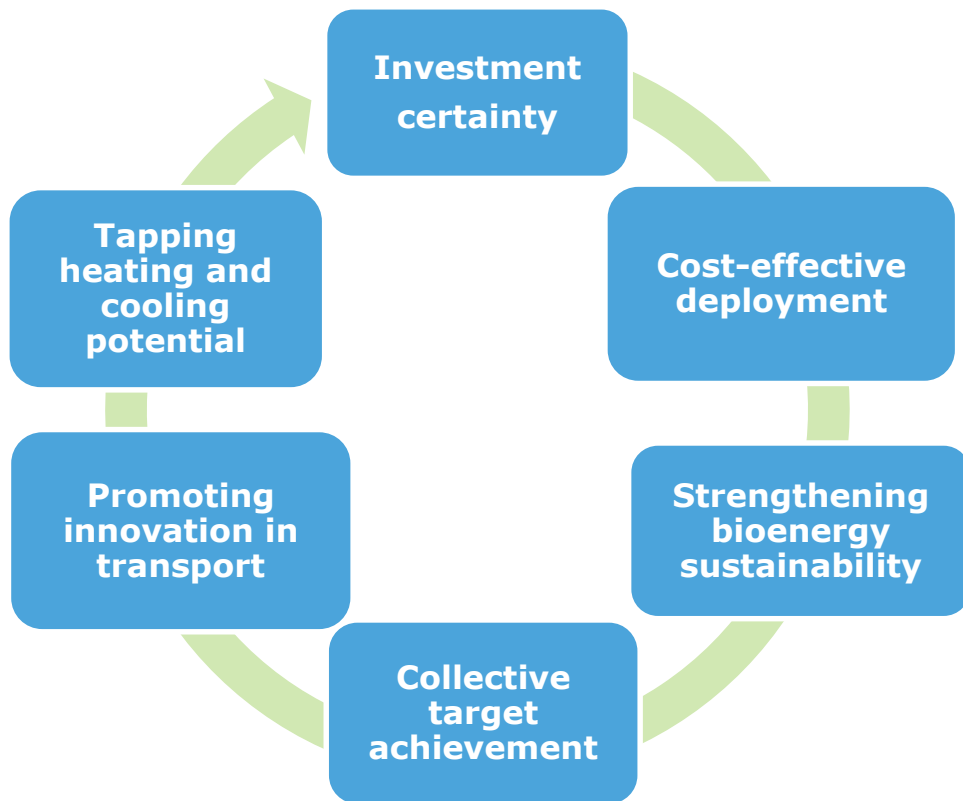
EU climate and energy targets (2020-2030)



New governance system + indicators

The revised Renewable Energy Directive post-2020

Key objectives



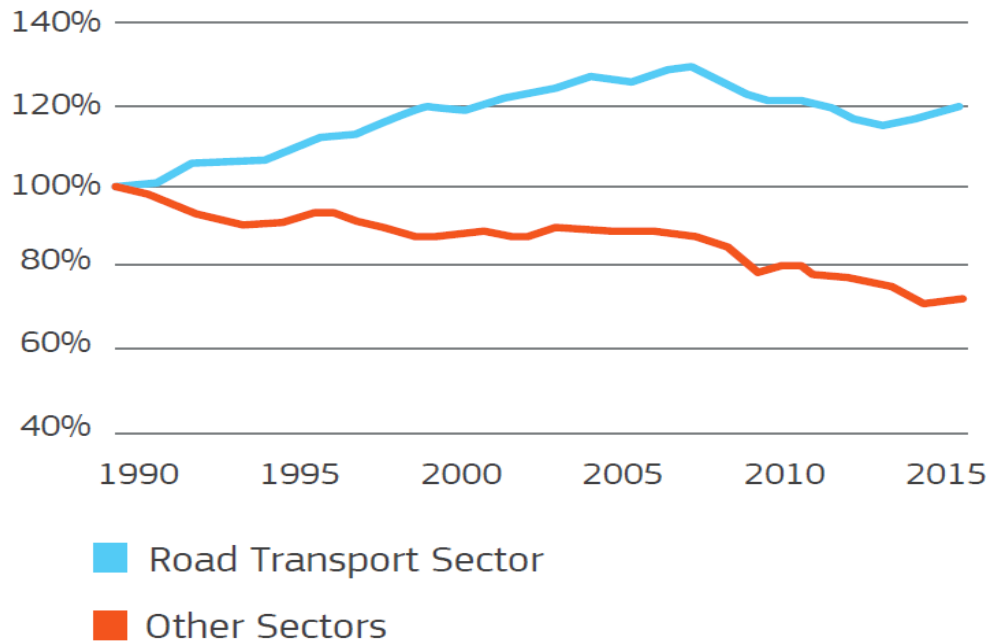
Contributing to the EU political priority of **becoming world number 1 in renewables**

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Achieving the at least 27 % EU-level binding renewables target cost-effectively

Decarbonising the transport sector

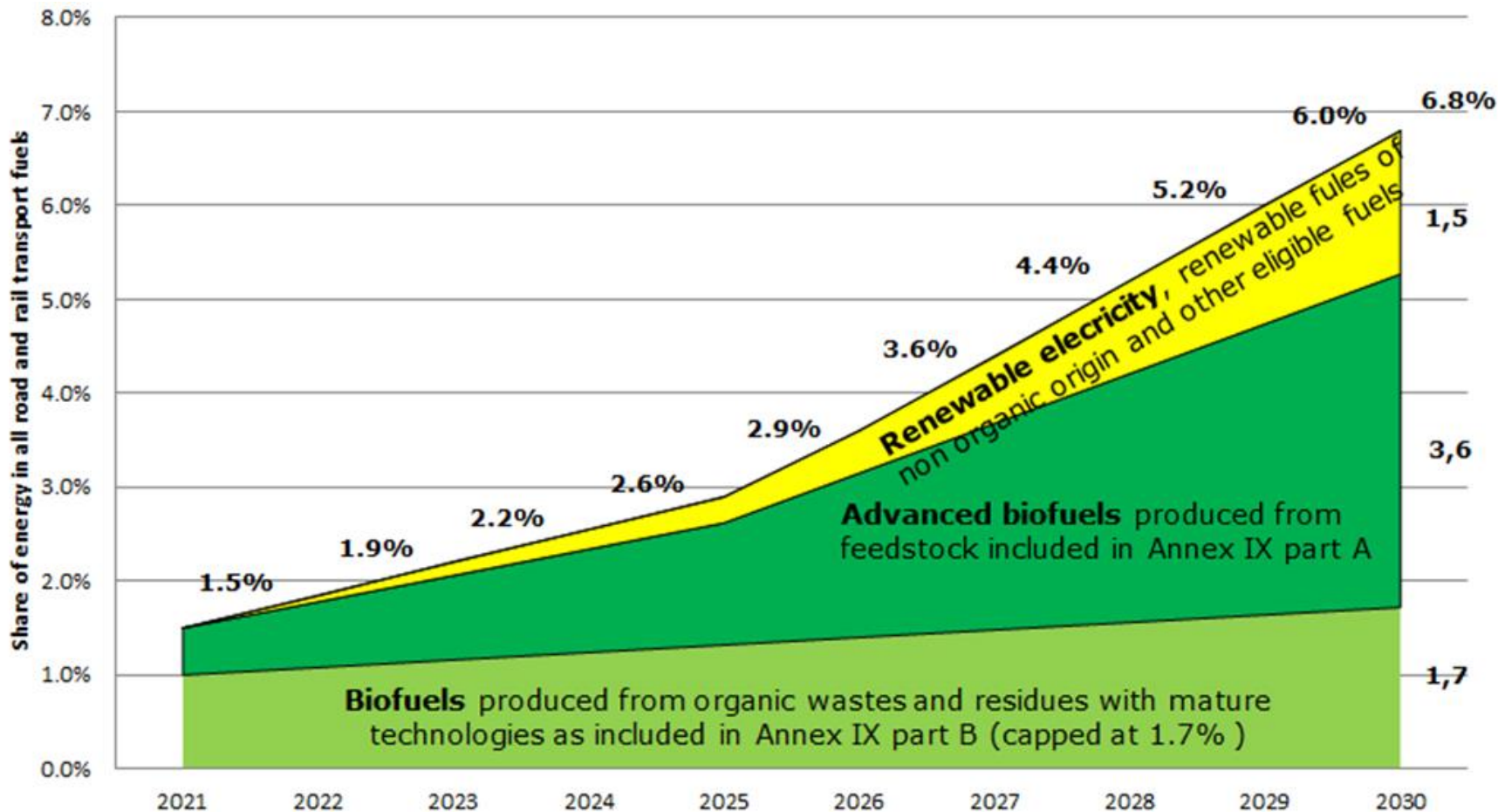
Greenhouse gas emission in the EU
in percentage change since 1990:



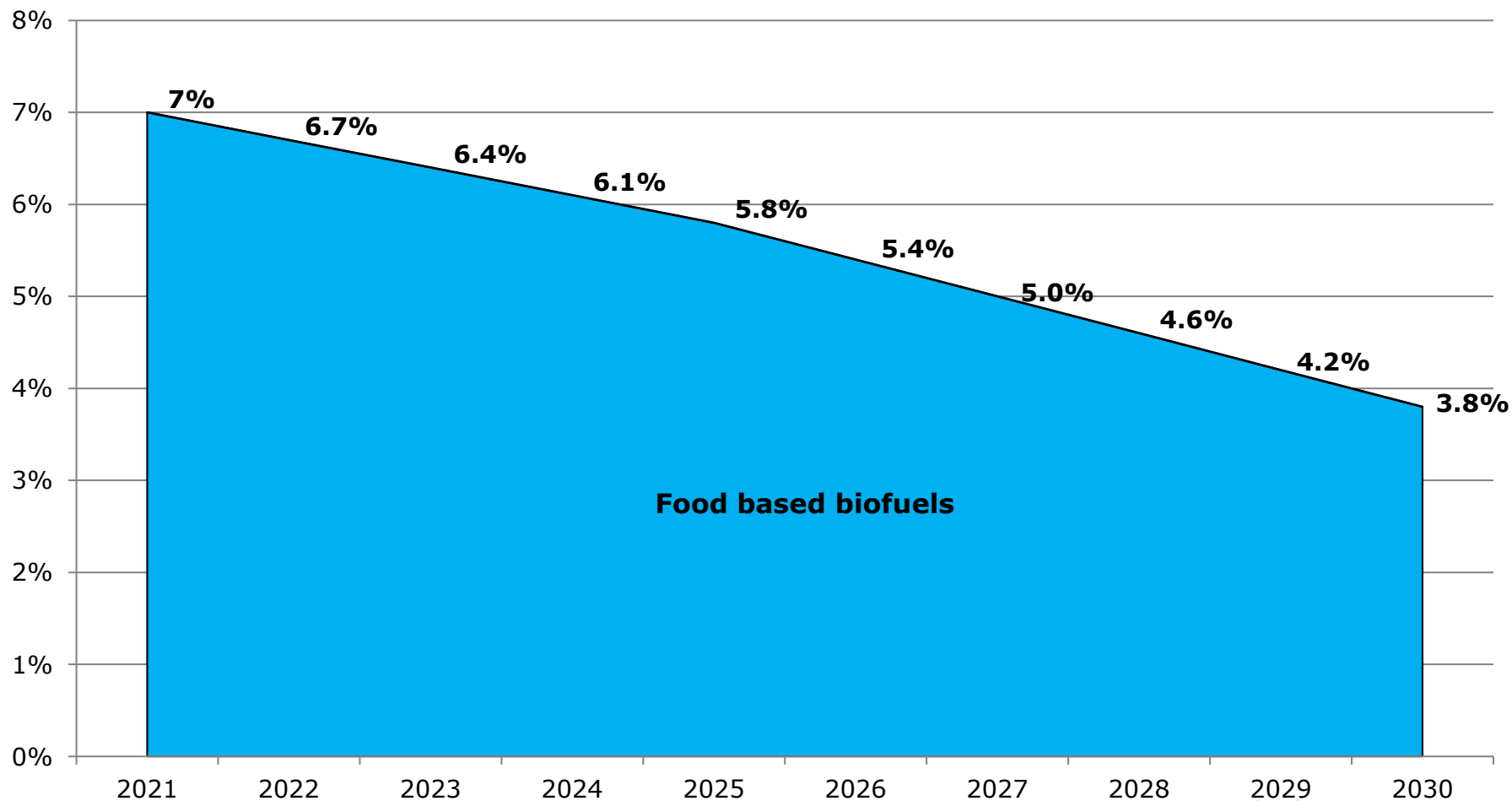
The challenges:

- 32% of final energy consumption
- Relies on oil for 94% of its energy needs.
- 22% of total GHG emissions
- GHG emissions remain higher than in 1990

Introducing a fuel obligation for low-carbon and renewable fuels



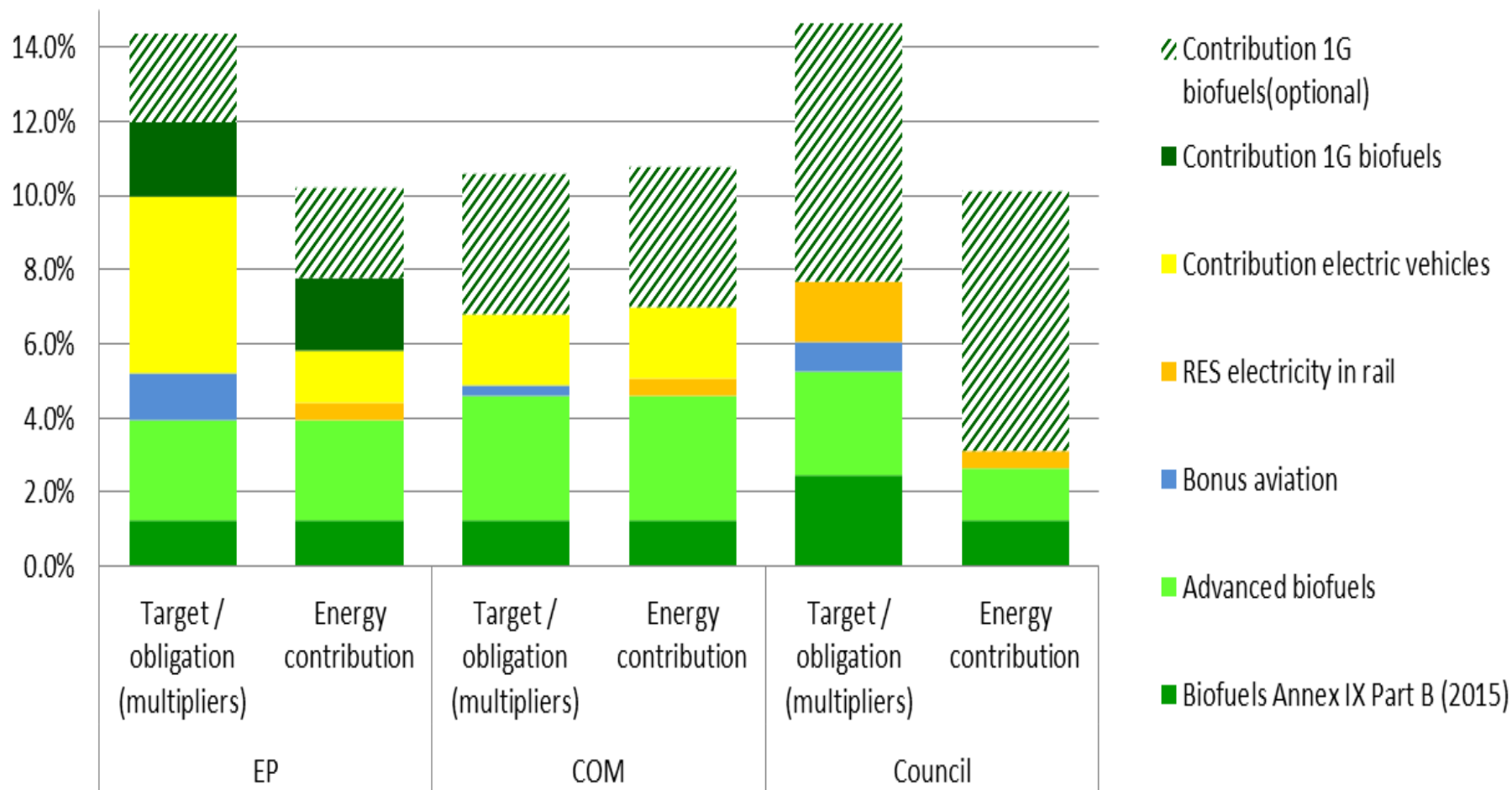
Promoting a gradual phase-out of conventional biofuels to address negative ILUC impacts



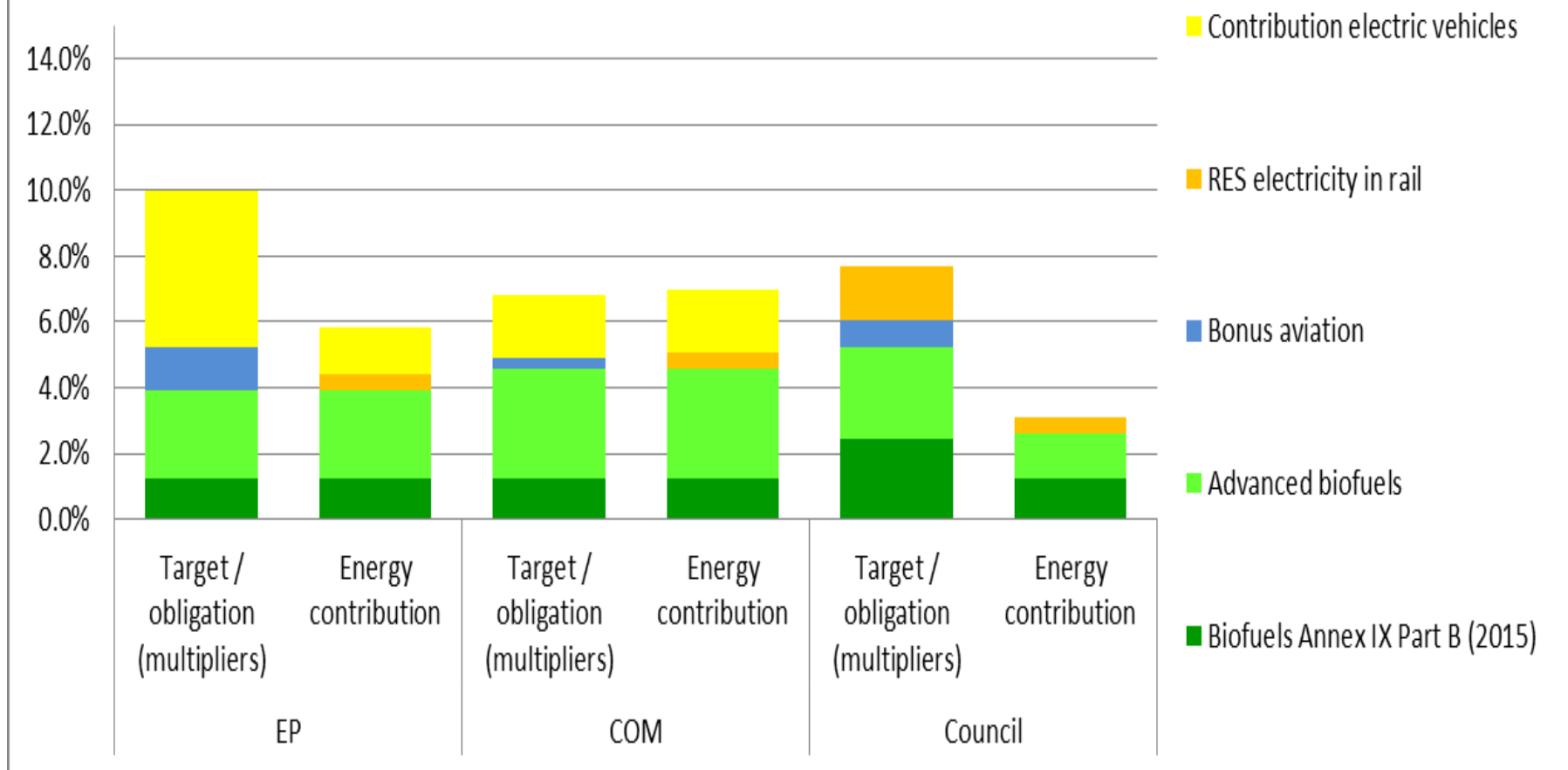
Positions of the European Parliament and Council

<i>European Parliament</i>	<i>Council</i>
Transport target	
<ul style="list-style-type: none"> - 12% transport target (incl. 1G biofuels) + 10% suppliers obligation (1.5% in 2021) - Multipliers: aviation: x2, shipping: x1.2, RES electricity in road: x2.5 	<ul style="list-style-type: none"> - 14% hybrid transport target, incl. 1G biofuels (but lower target if lower cap on crop-based biofuels) - Multipliers: aviation & shipping x1.2, RES electricity in road: x5 in rail x2
Advanced biofuels	
<ul style="list-style-type: none"> - 3.6% sub-quota (0.5% by 2021) - 1.7% cap on biofuels from Annex IX part B) but MS can ask COM derogation - Advanced biofuels: Annex IX, part A) + waste/residues not originating from food/feed crops 	<ul style="list-style-type: none"> - 3% sub-quota (1% in 2025) + double counting - Optional cap on biofuels from Annex IX part B) - COM to add but not remove feedstocks to Annex IX
Conventional biofuel	
<ul style="list-style-type: none"> - National caps at 2017 levels, minimum of 2%, maximum of 7% - Palm oil phase out: 0% from 2021 	<ul style="list-style-type: none"> - 7% cap extended until 2030 - MS may set a lower limit for different types of biofuels i.e. ILUC impacts - Cover and catch crops are excluded

RES-T in 2030: Ambition level of Council and European Parliament compared to COM proposal



RES-T in 2030: Ambition level of Council and European Parliament compared to COM proposal excl. conventional biofuels



NEXT STEPS

- 1st triilogue: 27 February
- 2nd triilogue: 27 March
- 3rd triilogue: 26 April
- 4th triilogue: 29 May (Strasbourg)



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THANK YOU!

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