



Fit For 55 - REPowerEU

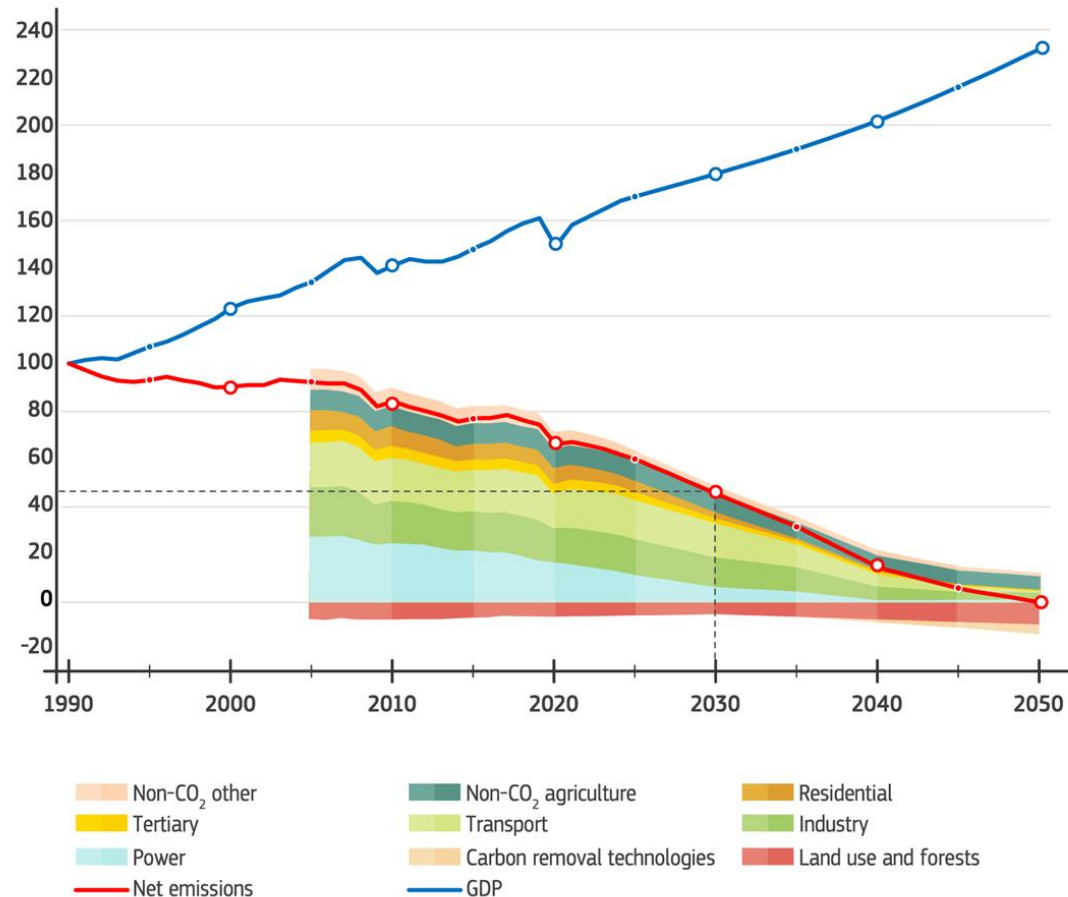
The challenges of transformation in the perspective of achieving the climate neutrality goal of Poland and the European Union by 2050

*Warsaw, CAKE
21-06-2022*

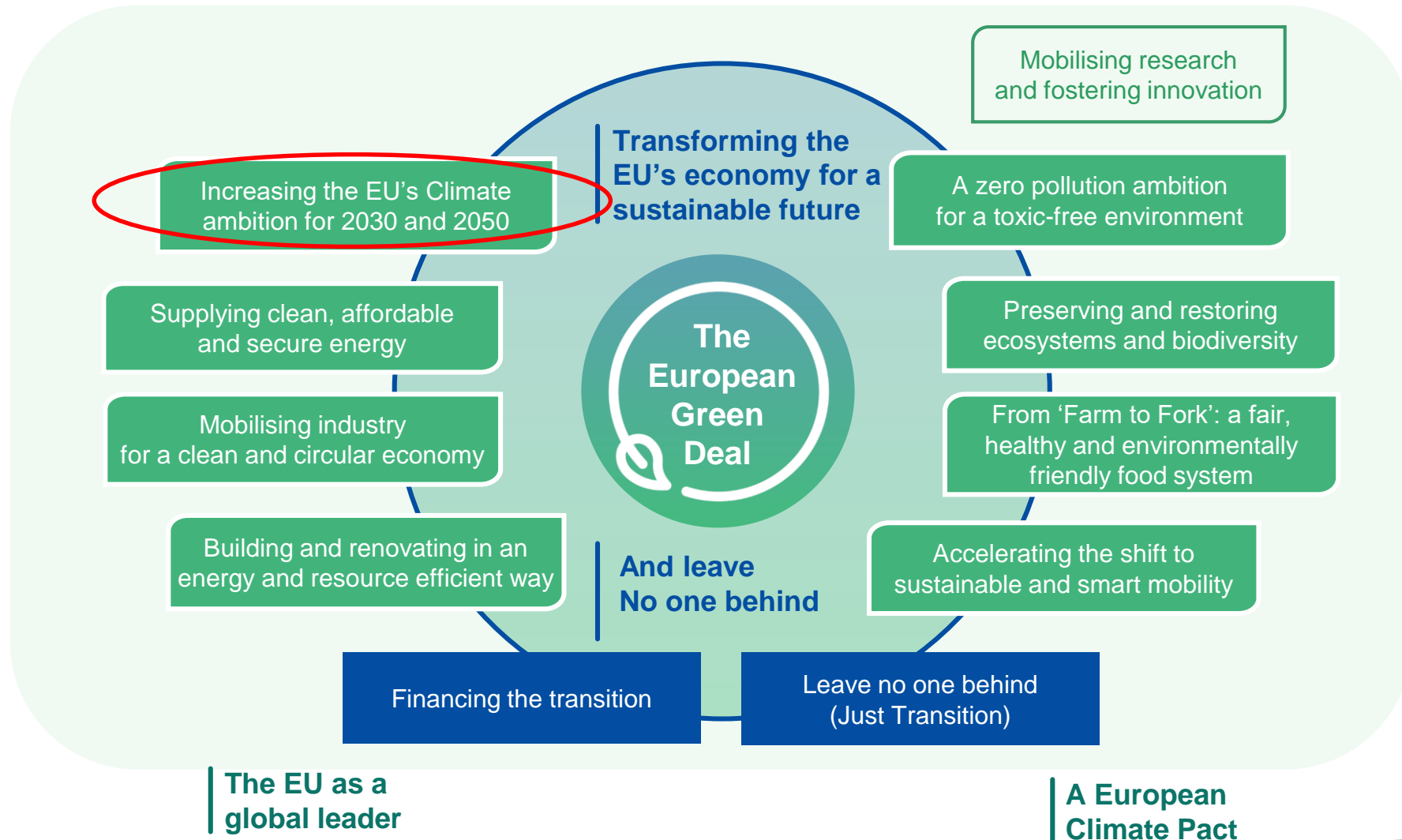
*Tom van Ierland
Unit C1 Low Carbon Solutions:
Montreal Protocol, Clean Cooling and Heating, Twin Transition
DG CLIMA*

The climate law defines ambition

Achieving at least 55% net greenhouse gas reductions by 2030 compared to 1990 and climate neutrality by 2050



The European Green Deal



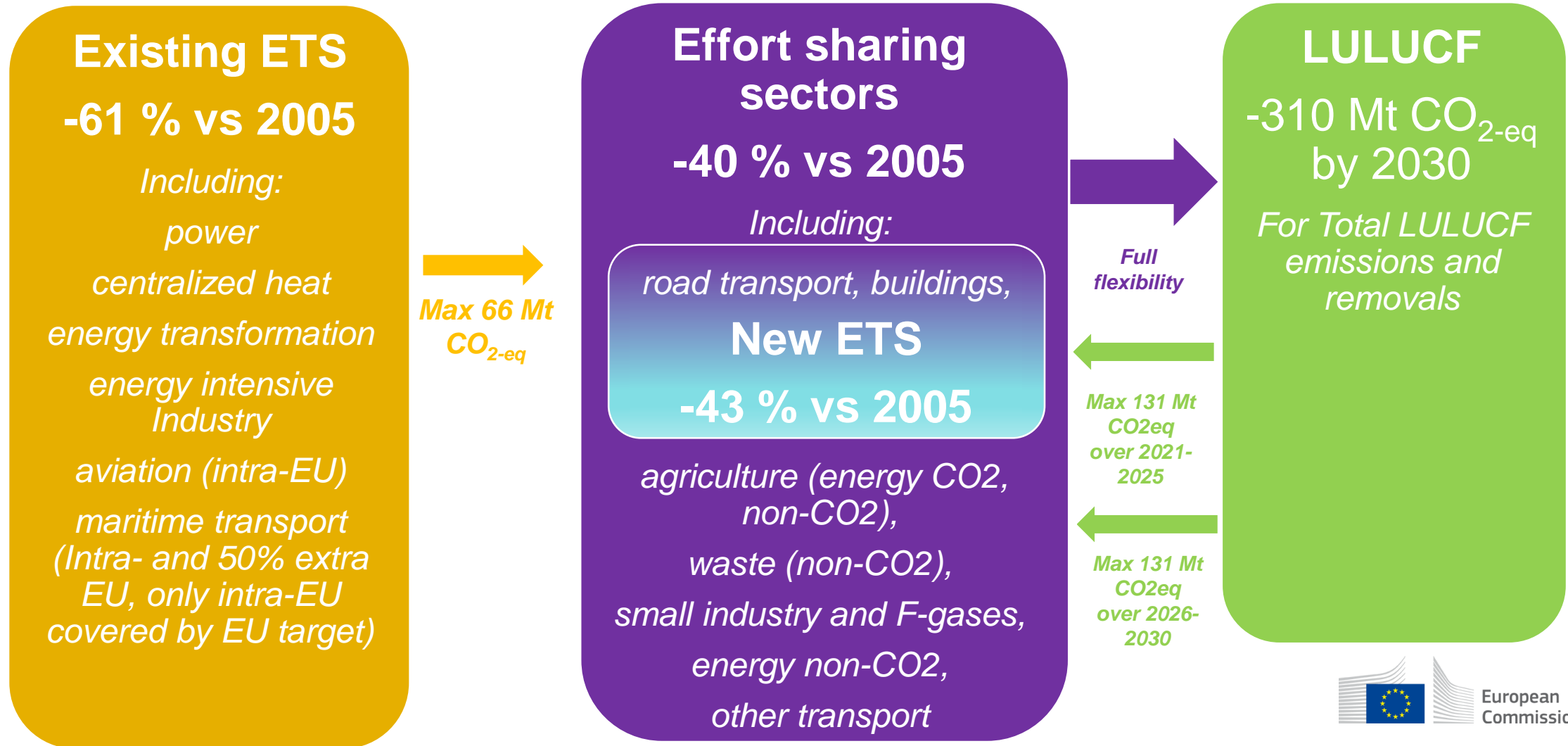
Fit for 55 package:

Delivering 2030 ambition

13 inter-connected proposals that strike a careful balance between pricing, targets, standards and support measures.

Pricing	Targets	Rules
<ul style="list-style-type: none">• Stronger ETS including in aviation• Extending the ETS to maritime, road transport, and buildings• Updated Energy Taxation Directive• Carbon Border Adjustment Mechanism	<ul style="list-style-type: none">• Updated Effort Sharing Regulation• Updated LULUCF Regulation• Updated Renewable Energy Directive• Updated Energy Efficiency Directive	<ul style="list-style-type: none">• Stricter CO₂ performance for cars & vans• New infrastructure for alternative fuels• ReFuelEU: More sustainable aviation fuels• FuelEU: Cleaner maritime fuels
Support measures		
Using revenues and regulations to promote innovation, build solidarity and mitigate impacts for the vulnerable, notably through the new Social Climate Fund and enhanced Modernisation and Innovation Funds		

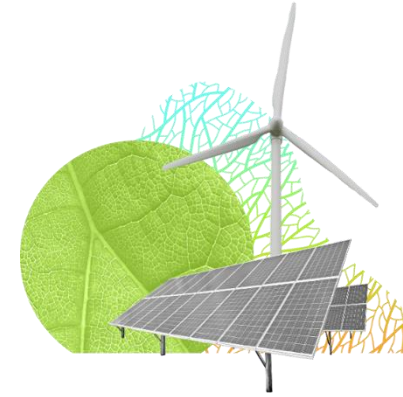
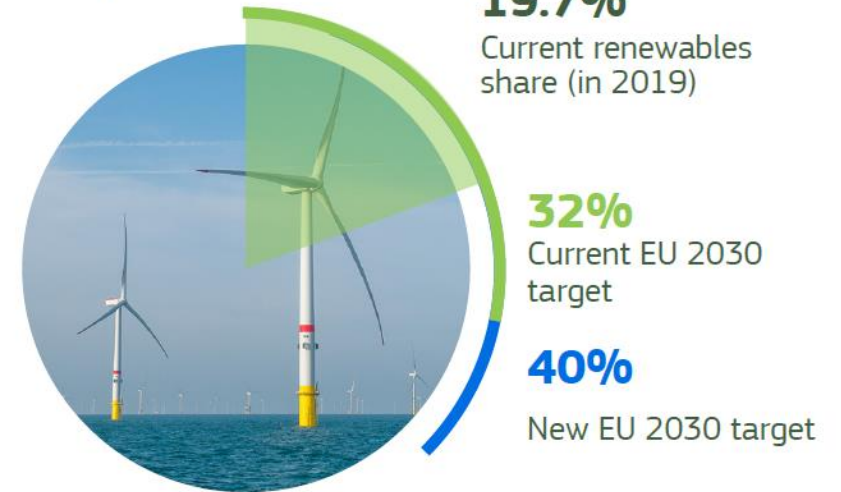
Proposed 2030 Climate ambition to deliver at least 55% net GHG reductions versus 1990



Revising the Renewable Energy Directive

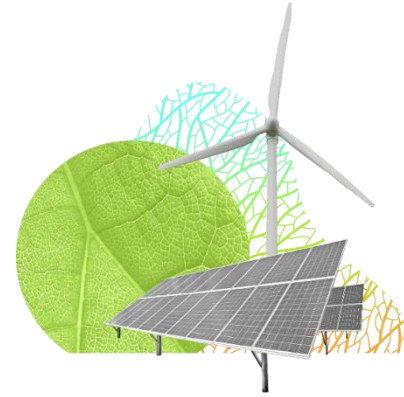
- Increased overall renewables ambition at the EU level to 40% by 2030, suggested to further increase to 45% in the context of REPowerEU
- Increased renewables ambition in key sectors (heating and cooling, transport, industry, buildings)
- Facilitating Energy System Integration (e.g. electrification and renewable hydrogen)
- Flanking measures (e.g. permitting, guarantees of origin, cross border cooperation)
- Bioenergy sustainability: targeted strengthening EU criteria

Renewables in the EU energy mix

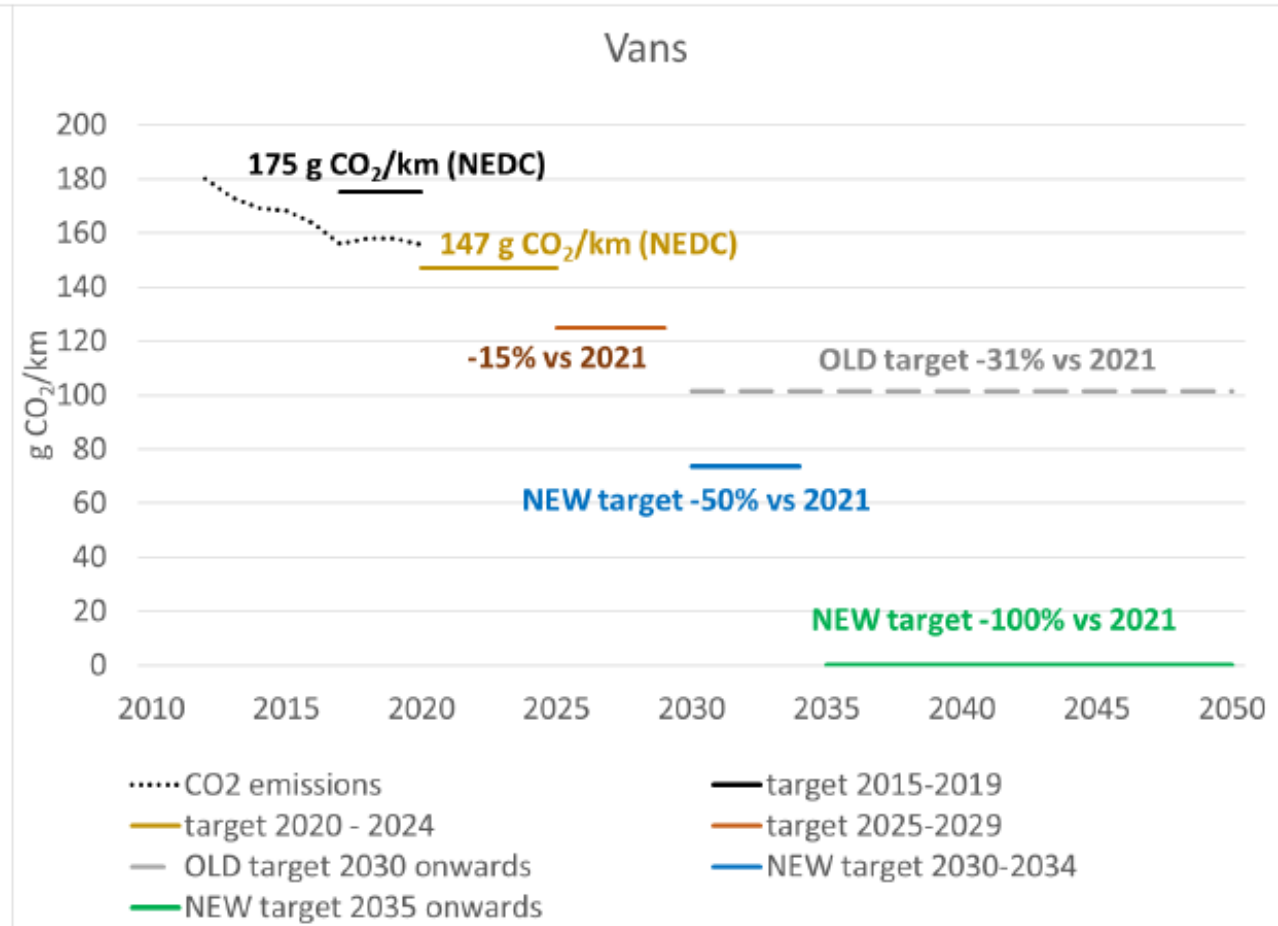
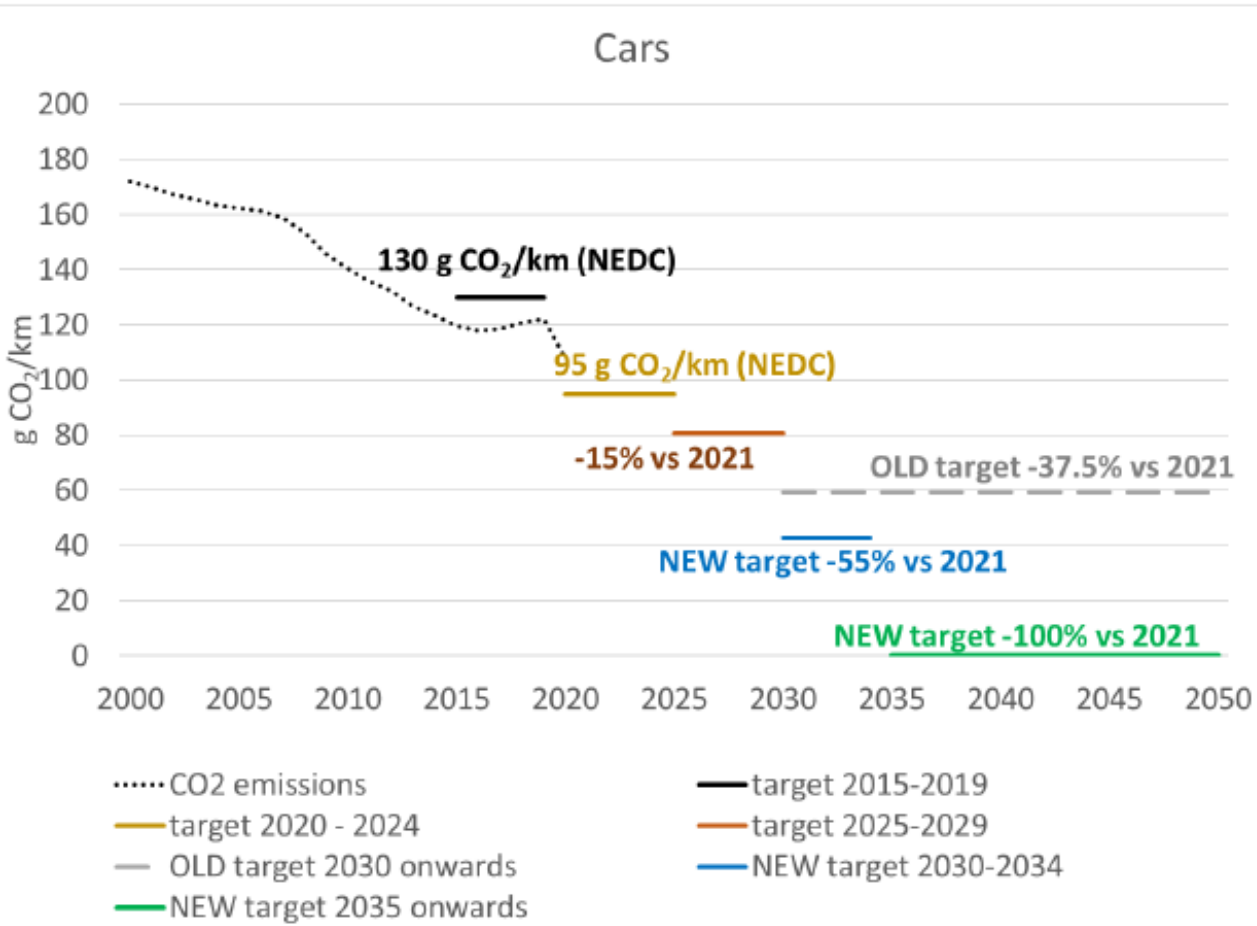


Revising the Energy Efficiency Directive

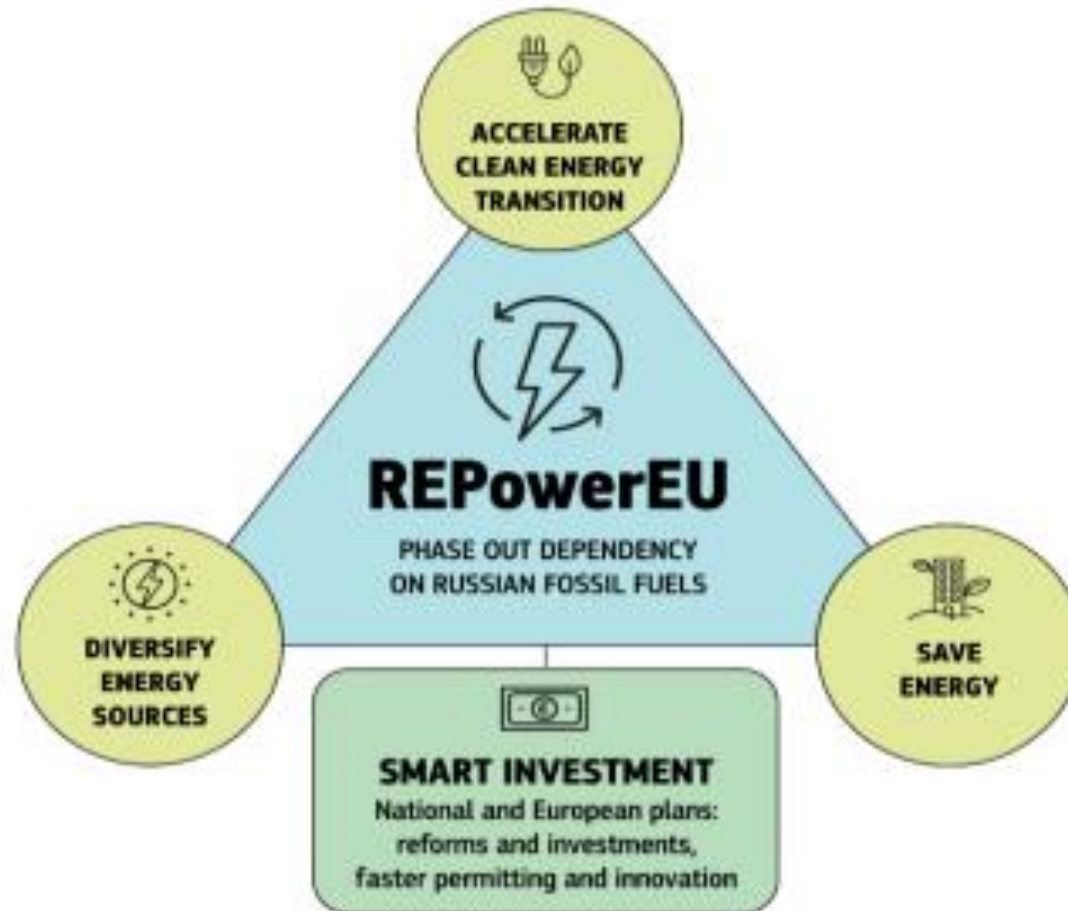
- Energy Savings target for primary and final energy consumption at the EU level of 9% by 2030 compared to updated 2020 baseline, suggested to increase to 13% in the context of REPowerEU
- Indicative Member State contributions to the EU-level energy efficiency target
- Strengthened energy savings obligation in end-use
- Increased focus on alleviating energy poverty and consumer empowerment
- ‘Energy Efficiency First’ Principle – making it an integral part of policy and investment decisions



CO2 and cars legislation: increase in ambition



REPowerEU Plan: tackling Russian fossil fuel import dependency



REPowerEU Package



REPowerEU Plan Communication, Annexes and Staff working paper



Amendments to Renewable Energy Directive, Energy Performance of Buildings Directive and Energy Efficiency Directive



EU Save Energy Communication



EU Solar Strategy Communication



EU External Energy Engagement Communication



Recommendation on speeding up permit-granting procedures for renewable energy projects and facilitating Power Purchase Agreements



Amendment to RRF Regulation and Guidance



Draft Delegated Acts on RFNBO additionality and low-carbon hydrogen

Outside the package but adopted on the same day:



Electricity Market Design Communication

Conclusion

- EU climate transition put on track of a pathway in-line with climate neutrality by 2050.
- Fit for 55 is a comprehensive package of measures (climate, energy, transport, taxation, etc), covering the whole economy.
- REPowerEU confirms the transition and requires to step it up in certain dimensions, focussed on:
 - Energy savings
 - Accelerating deployment of renewables
 - Smart investment
 - Preparedness

Thank you



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