



# The EU Green Deal – a transport perspective

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# Content

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1. Introduction to the EU
2. The EU Green Deal
3. The “Fit for 55” package: transport aspects

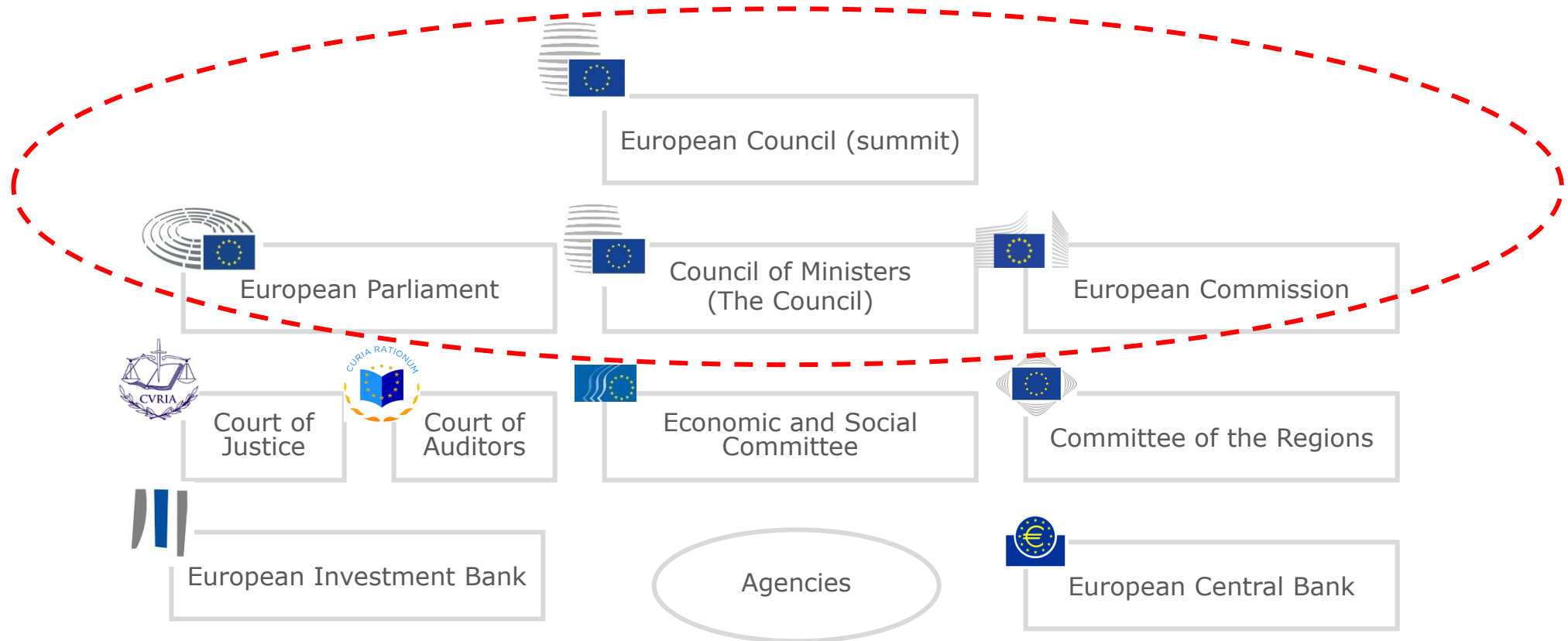
# The European Union: 446 million people – 27 countries





- |      |  |
|------|--|
| 1952 | The European Coal and Steel Community  |
| 1958 | The treaties of Rome: <ul style="list-style-type: none"><li>• The European Economic Community</li><li>• The European Atomic Energy Community (EURATOM)</li></ul> |
| 1987 | The European Single Act: the Single Market   |
| 1993 | Treaty on European Union - Maastricht  |
| 1999 | Treaty of Amsterdam  |
| 2003 | Treaty of Nice   |
| 2009 | Treaty of Lisbon   |

# The EU institutions





## **The European Parliament**

- **voice of the people**

David Sassoli, President of the European Parliament



## **The European Council and the Council**

- **voice of the Member States**

Charles Michel, President of the European Council



## **The European Commission**

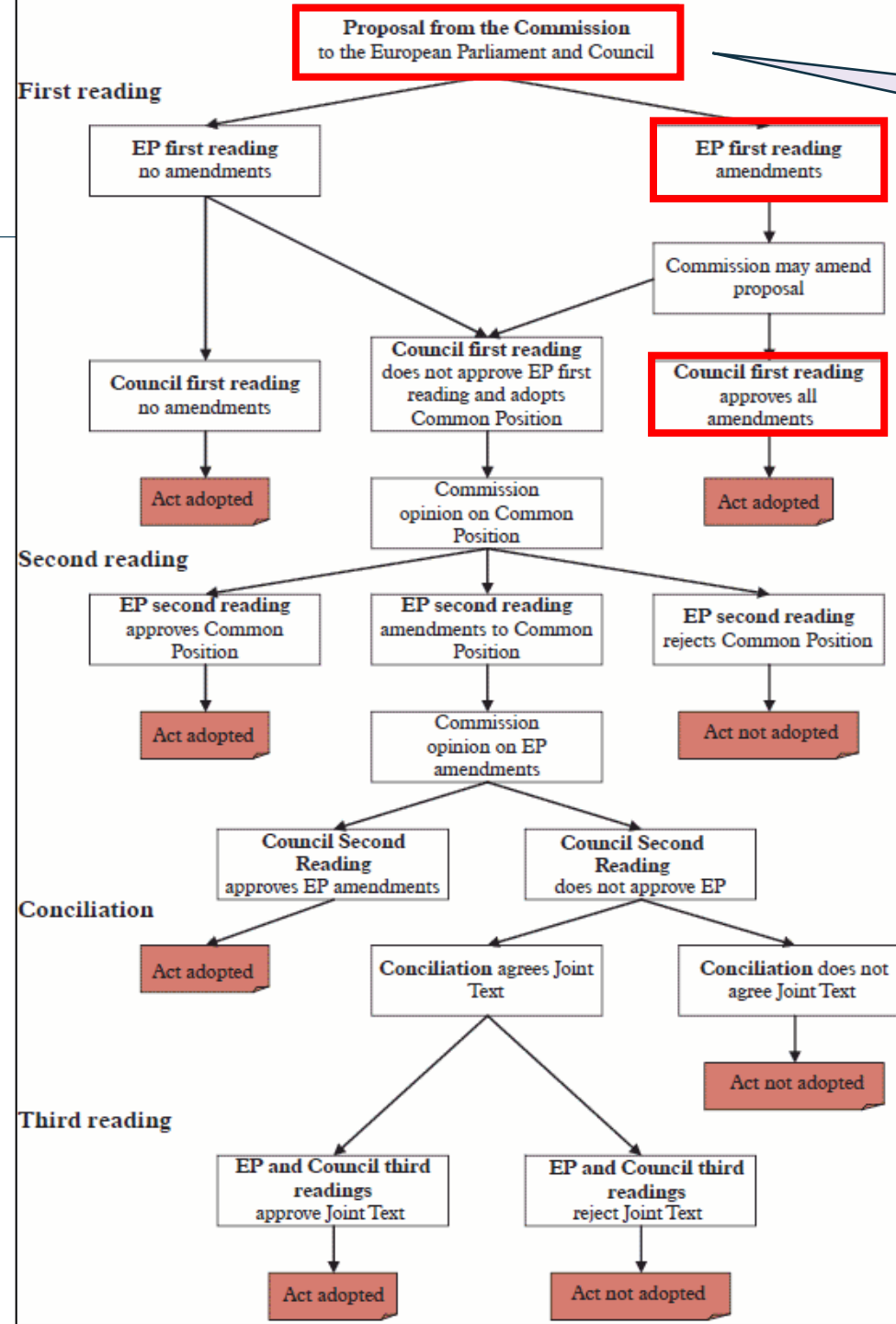
- **promoting the common interest**

Ursula von der Leyen,  
President of the European Commission

How EU legislation is made:

The co-decision procedure

The Commission makes a proposal  
The Council and Parliament amend the proposal and adopt it



Commission has the right of initiative

# How the European Commission is organised

## Departments and executive agencies

### Filter by

#### Topics

- Any -



#### Department type

- Any -



#### Main task

- Any -



### Departments / Executive agencies (56)

SERVICE DEPARTMENT | PMO

**Administration and Payment of Individual Entitlements**

DIRECTORATE-GENERAL | AGRI

**Agriculture and Rural Development**

DIRECTORATE-GENERAL | BUDG

**Budget**

DIRECTORATE-GENERAL | CLIMA

**Climate Action**

DIRECTORATE-GENERAL | COMM

**Communication**

DIRECTORATE-GENERAL | CONNECT

**Communications Networks, Content and Technology**

DIRECTORATE-GENERAL | COMP



## 2. The EU Green Deal - Recent milestones

- 20 Sept 2019 - Fridays for Future climate strike
- 1 Dec 2019 - Ursula von der Leyen takes office as President of the new European Commission
- 11 Dec 2019 - **The European Green Deal published by the European Commission**
- 12. Dec 2019 - **European Council conclusions endorse the goal of climate neutrality by 2050**
- Feb 2020 - **First Covid cases in the EU**
- 4 March 2020 - European Climate Law – proposal (agreed 30 June)
  - **Climate neutrality 2050**
  - **-55%** from 1990 level by **2030**
- 17 Sept 2020 - Climate Target Plan
- 14 July 2021 – Fit for 55 package
- 24 Feb 2022 - **Ukraine war**



# Actions announced in the Green Deal

Actions	Indicative Timetable <sup>1</sup>
<b>Climate ambition</b>	
Proposal on a European 'Climate Law' enshrining the 2050 climate neutrality objective	March 2020
Comprehensive plan to increase the EU 2030 climate target to at least 50% and towards 55% in a responsible way	Summer 2020
Proposals for revisions of relevant legislative measures to deliver on the increased climate ambition, following the review of Emissions Trading System Directive; Effort Sharing Regulation; Land use, land use change and forestry Regulation; Energy Efficiency Directive; Renewable Energy Directive; CO <sub>2</sub> emissions performance standards for cars and vans	June 2021
Proposal for a revision of the Energy Taxation Directive	June 2021
Proposal for a carbon border adjustment mechanism for selected sectors	2021
New EU Strategy on Adaptation to Climate Change	2020/2021
<b>Clean, affordable and secure energy</b>	
Assessment of the final National Energy and Climate Plans	June 2020
Strategy for smart sector integration	2020
'Renovation wave' initiative for the building sector	2020
Evaluation and review of the Trans-European Network – Energy Regulation	2020
Strategy on offshore wind	2020
<b>Industrial strategy for a clean and circular economy</b>	
EU Industrial strategy	March 2020
Circular Economy Action Plan, including a sustainable products initiative and particular focus on resource intense sectors such as textiles, construction, electronics and plastics	March 2020

Actions	Indicative Timetable <sup>1</sup>
Initiatives to stimulate lead markets for climate neutral and circular products in energy intensive industrial sectors	From 2020
Proposal to support zero carbon steel-making processes by 2030	2020
Legislation on batteries in support of the Strategic Action Plan on Batteries and the circular economy	October 2020
Propose legislative waste reforms	From 2020
<b>Sustainable and smart mobility</b>	
Strategy for sustainable and smart mobility	2020
Funding call to support the deployment of public recharging and refuelling points as part of alternative fuel infrastructure	From 2020
Assessment of legislative options to boost the production and supply of sustainable alternative fuels for the different transport modes	From 2020
Revised proposal for a Directive on Combined Transport	2021
Review of the Alternative Fuels Infrastructure Directive and the Trans European Network – Transport Regulation	2021
Initiatives to increase and better manage the capacity of railways and inland waterways	From 2021
Proposal for more stringent air pollutant emissions standards for combustion-engine vehicles	2021
<b>Greening the Common Agricultural Policy / 'Farm to Fork' Strategy</b>	
Examination of the draft national strategic plans, with reference to the ambitions of the European Green Deal and the Farm to Fork Strategy	2020-2021
'Farm to Fork' Strategy	Spring 2020
Measures, including legislative, to significantly reduce the use and risk of chemical pesticides, as well as the use of fertilizers and antibiotics	2021
<b>Preserving and protecting biodiversity</b>	
EU Biodiversity Strategy for 2030	March 2020
Measures to address the main drivers of biodiversity loss	From 2021
New EU Forest Strategy	2020
Measures to support deforestation-free value chains	From 2020

Actions	Indicative Timetable <sup>1</sup>
<b>Towards a zero-pollution ambition for a toxic free environment</b>	
Chemicals strategy for sustainability	Summer 2020
Zero pollution action plan for water, air and soil	2021
Revision of measures to address pollution from large industrial installations	2021
<b>Mainstreaming sustainability in all EU policies</b>	
Proposal for a Just Transition Mechanism, including a Just Transition Fund, and a Sustainable Europe Investment Plan	January 2020
Renewed sustainable finance strategy	Autumn 2020
Review of the Non-Financial Reporting Directive	2020
Initiatives to screen and benchmark green budgeting practices of the Member States and of the EU	From 2020
Review of the relevant State aid guidelines, including the environment and energy State aid guidelines	2021
Align all new Commission initiatives in line with the objectives of the Green Deal and promote innovation	From 2020
Stakeholders to identify and remedy incoherent legislation that reduces the effectiveness in delivering the European Green Deal	From 2020
Integration of the Sustainable Development Goals in the European Semester	From 2020
<b>The EU as a global leader</b>	
EU to continue to lead the international climate and biodiversity negotiations, further strengthening the international policy framework	From 2019
Strengthen the EU's Green Deal Diplomacy in cooperation with Member States	From 2020
Bilateral efforts to induce partners to act and to ensure comparability of action and policies	From 2020
Green Agenda for the Western Balkans	From 2020
<b>Working together – a European Climate Pact</b>	
Launch of the European Climate Pact	March 2020
Proposal for an 8 <sup>th</sup> Environmental Action Programme	2020

Up from  
40%

Proposal on a European 'Climate Law' enshrining the 2050 climate neutrality objective	March 2020
Comprehensive plan to increase the EU 2030 climate target to at least 50% and towards 55% in a responsible way	Summer 2020
Proposals for revisions of relevant legislative measures to deliver on the increased climate ambition, following the review of Emissions Trading System Directive; Effort Sharing Regulation; Land use, land use change and forestry Regulation; Energy Efficiency Directive; Renewable Energy Directive; CO <sub>2</sub> emissions performance standards for cars and vans	June 2021
Strategy for sustainable and smart mobility	2020

# The European Climate Law

Commission Proposal 4.3.2020

- **Climate Neutrality Objective 2050**
- By September 2020, the Commission shall review the Union's 2030 climate target in light of the climate-neutrality objective [40%], and **explore options for a new 2030 target of 50 to 55%**
- By 30 June 2021, the Commission shall **assess how the Union legislation will need to be amended** in order to enable the achievement of 50 to 55 % and to achieve the climate-neutrality-objective, and **consider taking the necessary measures**
- Commission empowered to set out a **trajectory at Union level** to achieve the climate-neutrality objective, via delegated acts
- By 30 September 2023, and every 5 years thereafter, **the Commission shall assess**, together with the assessment foreseen under Article 29(5) of Regulation (EU) 2018/1009\*, the collective progress made by the Union towards the achievement of the climate-neutrality objective as expressed by the trajectory

55% target now part of the climate law

\* Governance Regulation

# 3. The “Fit for 55” package: transport aspects

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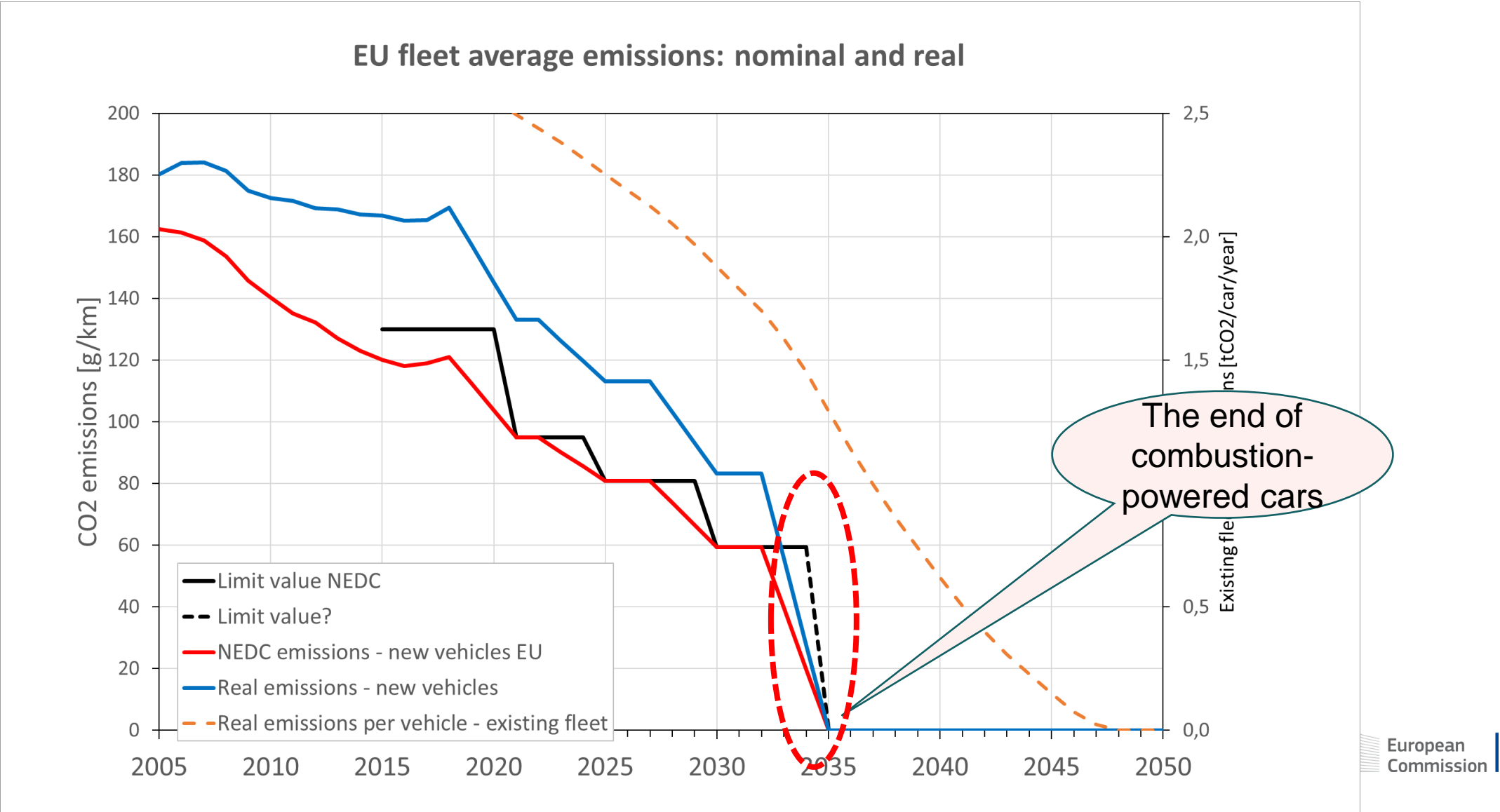
Released on  
14 July 2021

14 legal  
proposals  
and  
3 non-legislative  
actions

- Passenger car limits and electrification:
  - Revision of the **CO<sub>2</sub> emission standards** for passenger cars and light commercial vehicles,
- Energy infrastructure in transport:
  - Revision of the **Alternative Fuels Infrastructure Directive** and conversion into a regulation (AFIR),
- Renewable energy in transport:
  - Revision of the **Renewable Energy Directive** (RED III),
  - Introduction of sustainable **fuels in aviation** (ReFuelEU Aviation),
  - Introduction of sustainable **fuels in maritime shipping** (FuelEU Maritime),
- Pricing of energy and CO<sub>2</sub> in transport, and social compensation:
  - Revision of the **EU Emissions Trading Scheme** (EU ETS) to include **maritime shipping** and the creation of an additional emissions trading scheme for **buildings and transport**,
  - Revision of the **Energy Taxation Directive**,
  - Revision of the **aviation emissions trading scheme**,
  - Creation of a **Social Climate Fund**.



# CO2 Emission performance standards for cars and light commercial vehicles



# Some things to bear in mind about decarbonisation

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- Decarbonising land transport requires [not only] electrification.
  - The decarbonisation of electricity generation is indispensable, but separate. Linking the two only causes friction and slowdown.
  - Alternative fuels are no solution (except in aviation and maritime transport): too scarce, too expensive
- Will a sustainable economy be possible with an unchanged economic paradigm?
- Parallel crises
  - Climate & biodiversity
  - COVID and its aftermath
  - The Ukraine war

# Recent action regarding energy policy

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- 13 Oct 2021: Communication on energy prices
- 8 Mar 2022: Communication “REPowerEU: Joint European action for more affordable, secure and sustainable energy”
- Mar 2022: IEA - A 10-Point Plan to Cut Oil Use

## Two types of reaction

- Back off from more action while there is a crisis
- Redouble efforts to get out of fossil fuels



# Keep in touch



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[EU Spotify](https://open.spotify.com/playlist/37i9ZQAEWUpe46X611Y09t)

# Thank you



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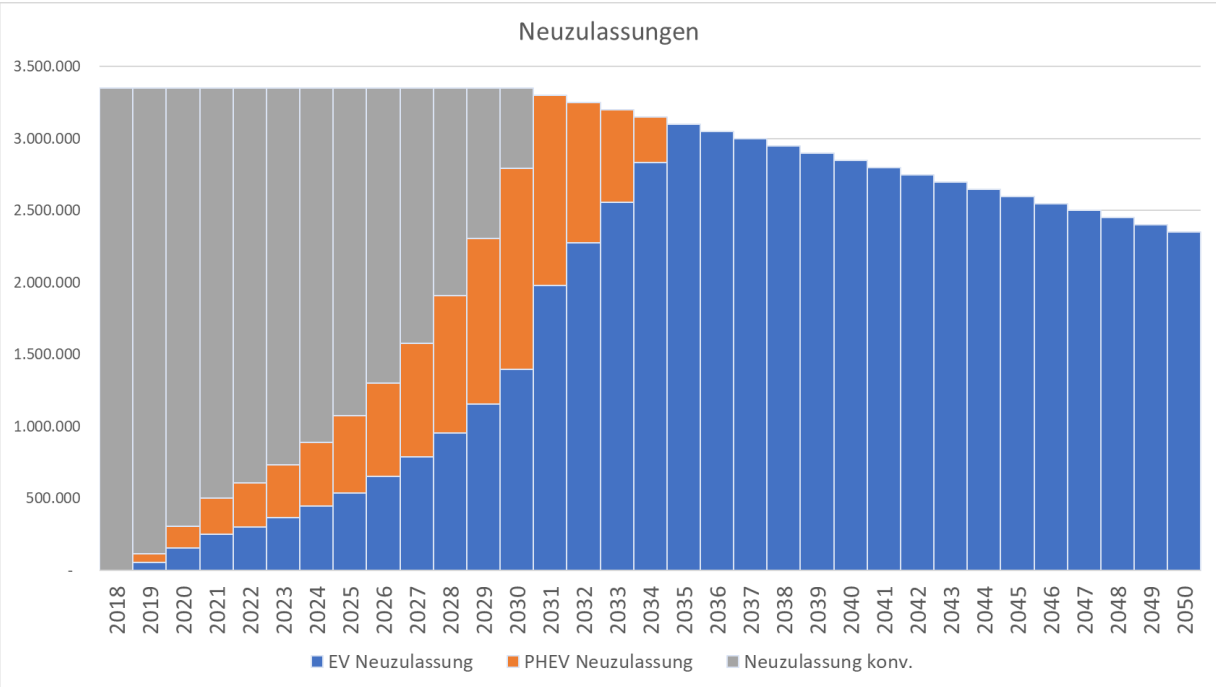
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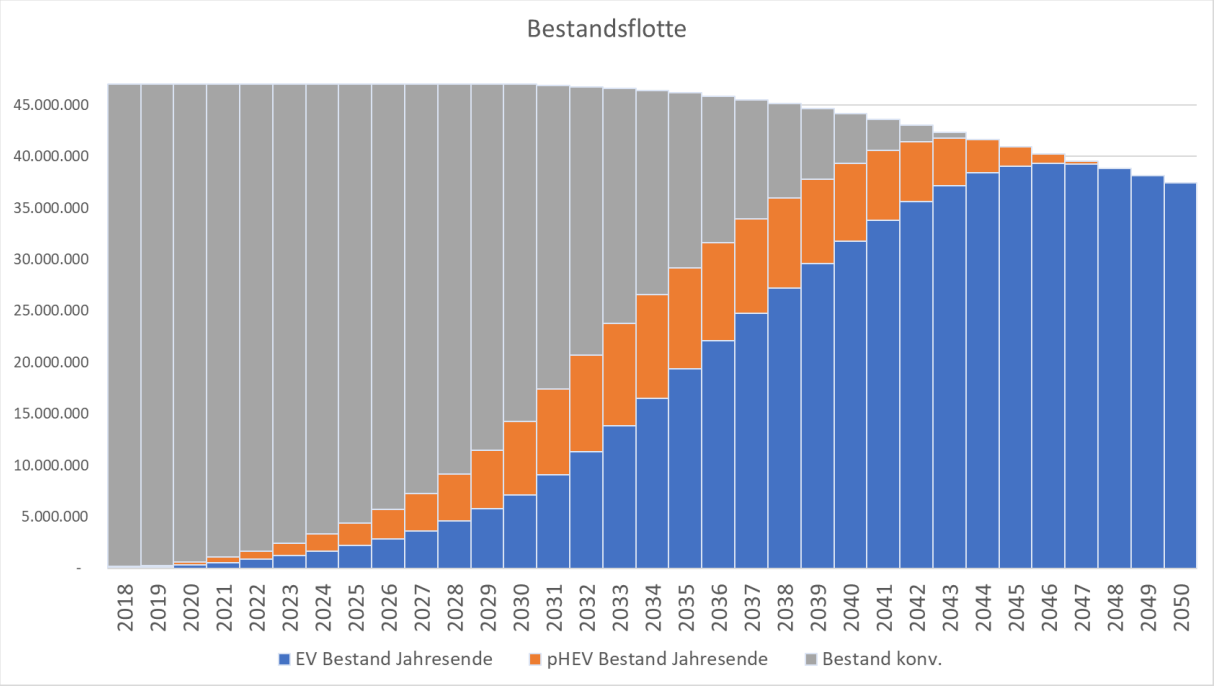
# Reserve

# Ramp-up of EVs

New registrations



Fleet on the road



# IEA 10 point plan

Oil demand reductions in advanced economies within four months in the 10-Point Plan

Open 