



The European Green Deal and the latest update on the European MRV regulation

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European Commission 2019-2024



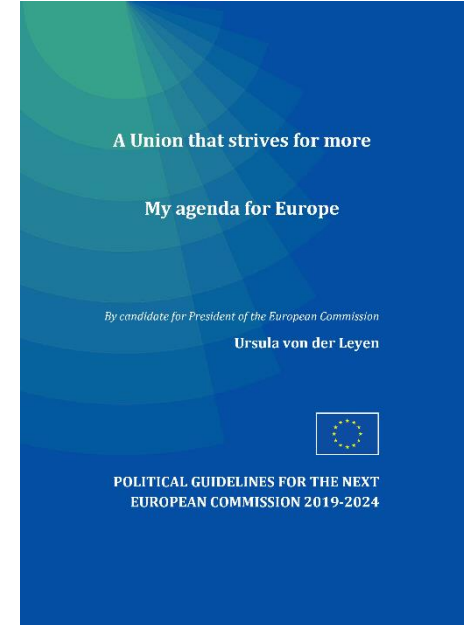
Ursula von der Leyen

President



Frans Timmermans

Executive Vice-President
for the European Green Deal



Overview

- ★ **The science behind climate action**
- ★ **The European Green Deal**
- ★ **EU MRV Shipping Regulation**



The latest climate science



IPCC Special Report on Global Warming of 1.5°C (2018):

Warming

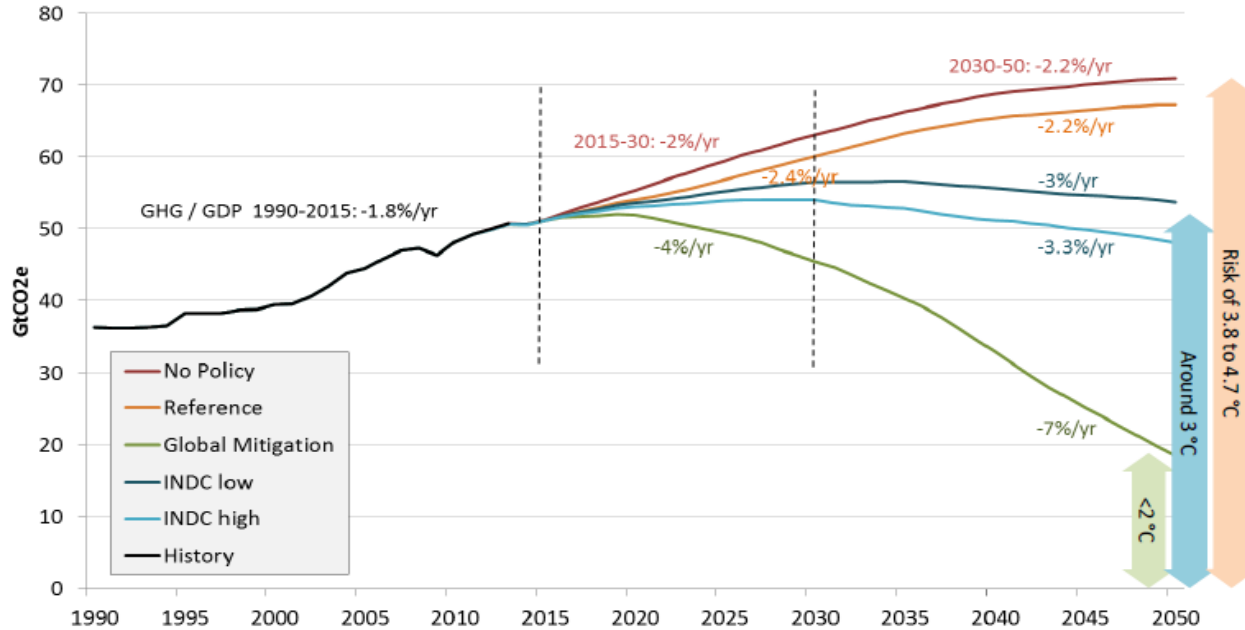
- Anthropogenic warming is now at **~1°C**
- **1.5°C in 2030-2052** at current rate

Impacts

- Climate change is already transforming our environment (land and oceans)
- Changes in the frequency and intensity of extreme weather events observed

The latest climate science

Impact of Paris Agreement « Nationally Determined Contributions » on emissions

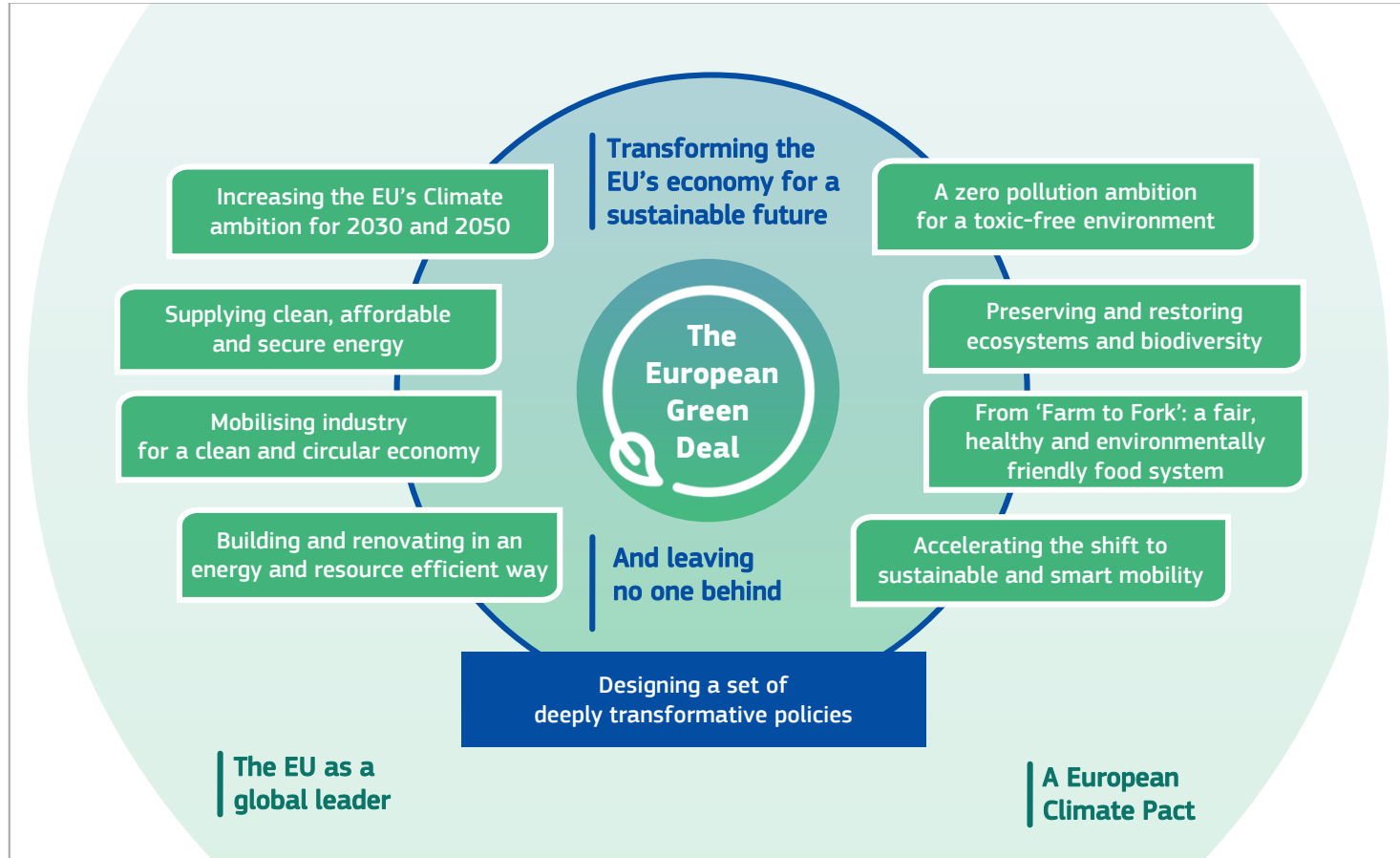


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The European Green Deal



The European Green Deal

Increasing the EU's Climate
ambition for 2030 and 2050

- European '**Climate Law**' enshrining the 2050 climate neutrality objective in legislation by March 2020
- **Comprehensive plan** to increase the EU's climate target for 2030 to at least 50% and towards 55% in a responsible way by September 2020
- **Review and revise where needed all relevant legislative measures to deliver on this increased ambition** by June 2021
- Proposal for a **revision of the Energy Taxation Directive** by June 2021
- **Carbon border adjustment mechanism** for selected sectors by 2021
- A new EU **Strategy on Adaptation** in 2020/2021

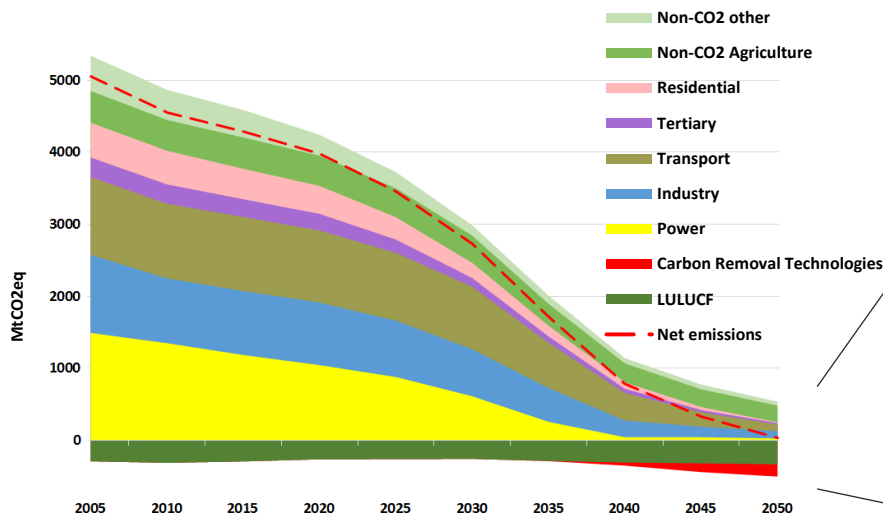
Designing a set of
deeply transformative policies

The EU as a
global leader

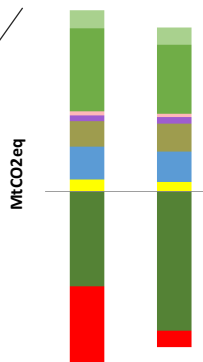
A European
Climate Pact

Our Vision for a Clean Planet by 2050

- ★ **Radical transformations necessary:** energy system, buildings, transport, industry, agriculture
- ★ A number of pathways – **challenging but feasible** from technological, economic, environmental and social perspective



Different zero GHG pathways lead to different levels of remaining emissions and absorption of GHG emissions



European Green Deal, concrete actions on shipping

- “the Commission will look closely at the current **tax exemptions** including for aviation and maritime fuels”
- “ The Commission will propose to **extend European emissions trading to the maritime sector**”
- “ The Commission will review the Alternative Fuels Infrastructure Directive and the TEN-T Regulation to **accelerate the deployment of zero- and low-emission vehicles and vessels**”
- “The Commission will take action in relation to maritime transport, including to **regulate access of the most polluting ships to EU ports and to oblige docked ships to use shore-side electricity.**”



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Regulation (EU) 2015/757 on the monitoring, reporting and verification of CO₂ emissions from maritime transport-

Key Objectives

- Collect robust and verified CO₂ emissions **data**
- Bring **transparency** to stimulate the up-take of energy efficiency technologies and behaviour.
- **Inform** future policy-making decision



State-of-Play: 1st compliance cycle under the EU MRV (2018 CO₂ emissions)

- **A MAJOR STEP FORWARD**
- First bottom-up picture of all EEA-related shipping emissions
- Over **11.600 Emission Reports**, mostly from non EEA flagged ships
- Involving more than **2,000 companies** and **29 accredited verification companies**.



**Maritime transport is a substantial CO₂ emitter:
>138 million tonnes of CO₂ in 2018**

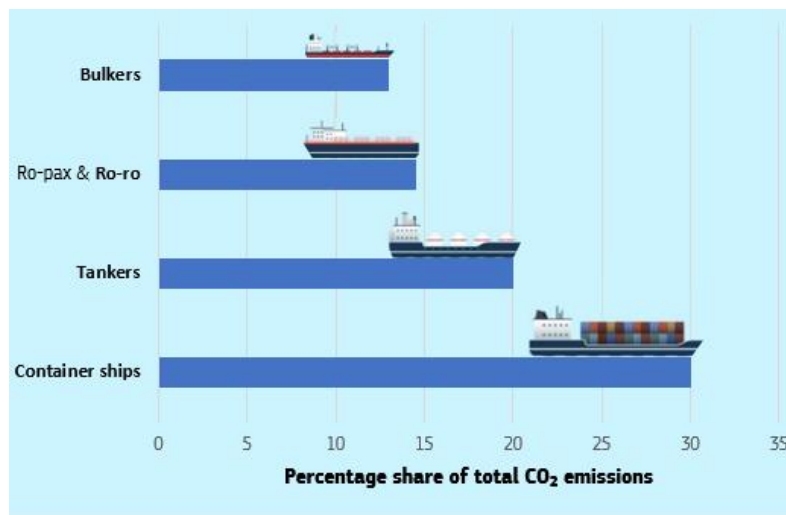
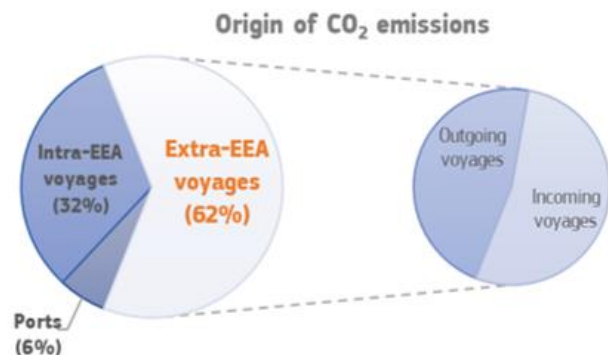




State-of-Play: 1st compliance cycle under the EU MRV (2018 CO₂ emissions)

- A system with a **high degree of transparency** (<https://mrv.emsa.europa.eu>)
- A number of **key information** on the monitored fleet:
 - Characteristics of the monitored fleet (fleet structure, age, fuel used, etc.)
 - Characteristics of the monitored voyages
 - CO₂ emissions and fuel consumption (per ship category, voyages, etc.)
 - Technical and operational energy efficiency of the ships (EIV, EEDI, EEOI, IPSI, etc.)

State-of-Play: 1st compliance cycle under the EU MRV (2018 CO₂ emissions)





EU MRV Shipping Regulation - revision

Feb 2019: the EC adopted a proposal to review the regulation to take appropriate account of the global data collection system for ship fuel oil consumption data.

October 2019: Council position & mandate for negotiations with the European Parliament

January 2020: Draft Report of the EP Rapporteur: Jutta Paulus

Next step: European Parliament vote in Committees and plenary & trilogues



Thank you for your attention



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