



# Fit for 55

Revision of the Land Use, Land Use Change and Forestry (LULUCF) Regulation, and carbon removals post-2030

**Summary of the new agreement**

*DG CLIMA C3 team, 17 Mar 2023*

*esp. Valeria Forlin, Rene Colditz, Florian Claeys, Ivana Novotna, Johan Nielsen, Simon Kay, Christian Holzleitner*

# A green transition: Protecting nature and increasing Europe's natural carbon sink

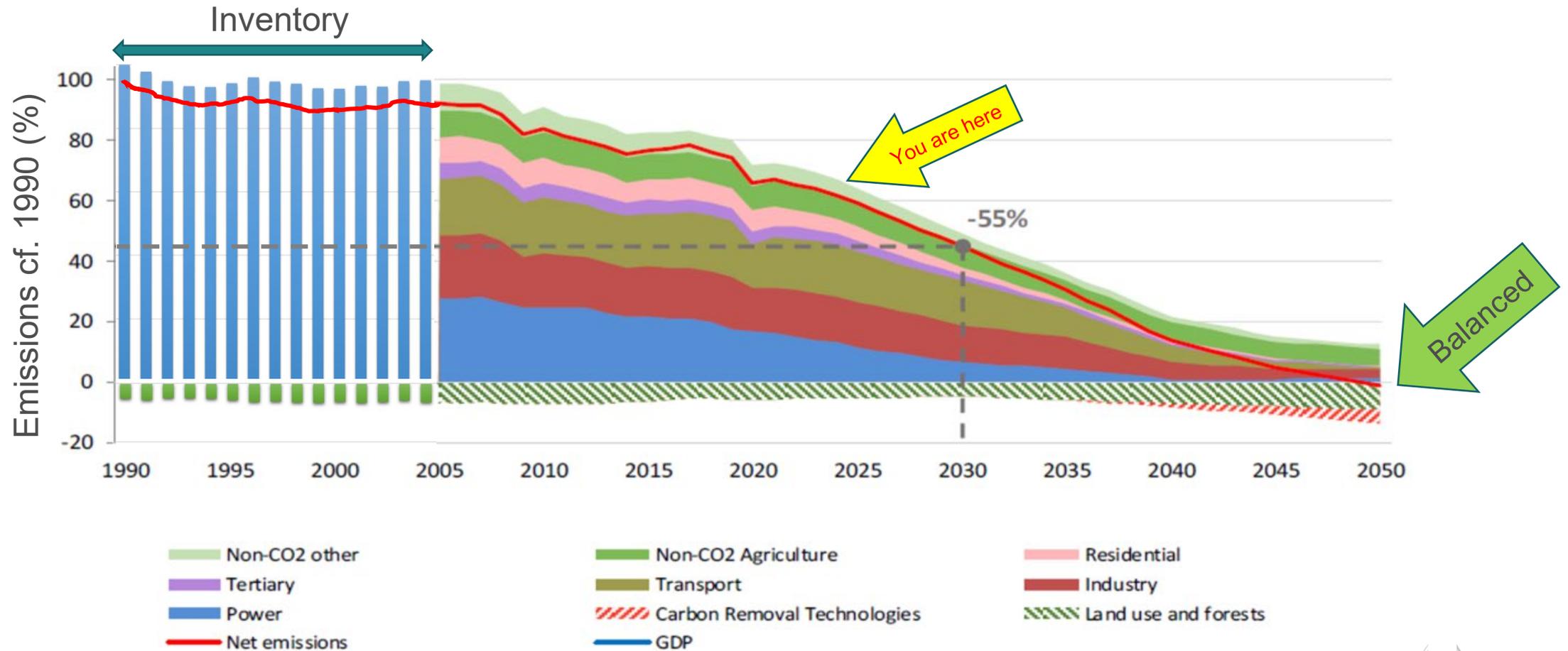


- **Land use, Forestry and Agriculture**
- Set higher ambitions for the enhancing Europe's natural carbon removals
- Strengthen sustainability criteria for bioenergy
- Incentivise good practices in biomass

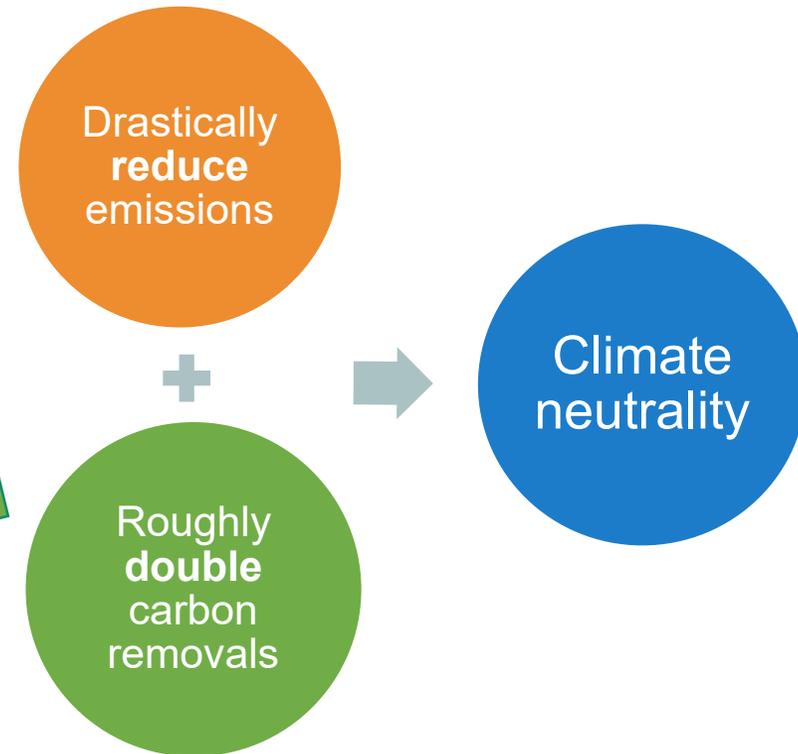
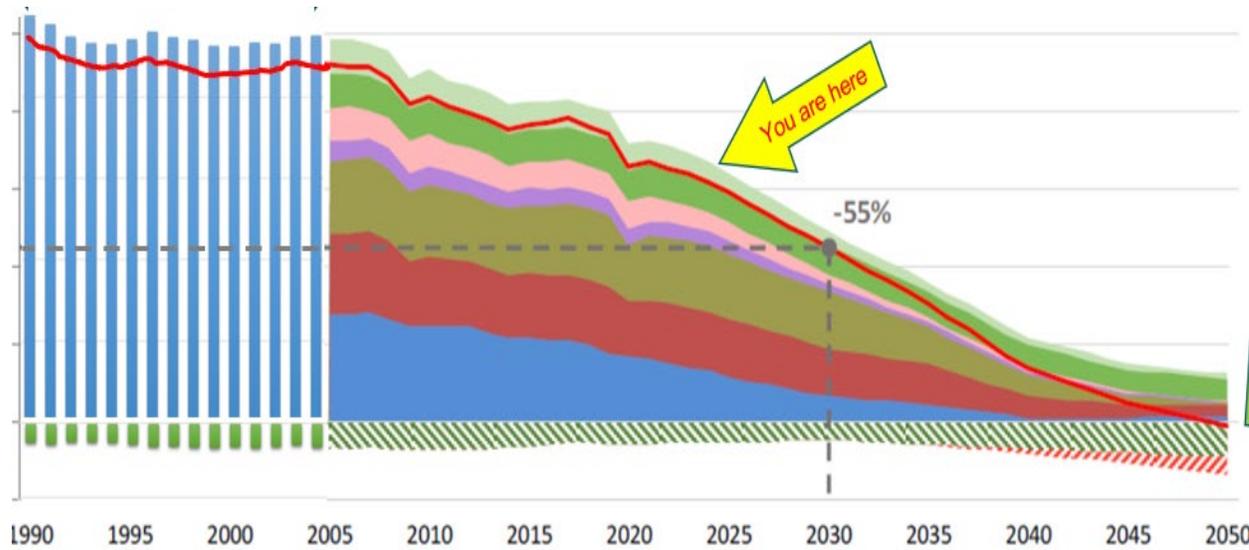
Proposals adopted through the ordinary legislative procedure, see:

[https://www.europarl.europa.eu/infographic/legislative-procedure/index\\_en.html](https://www.europarl.europa.eu/infographic/legislative-procedure/index_en.html)

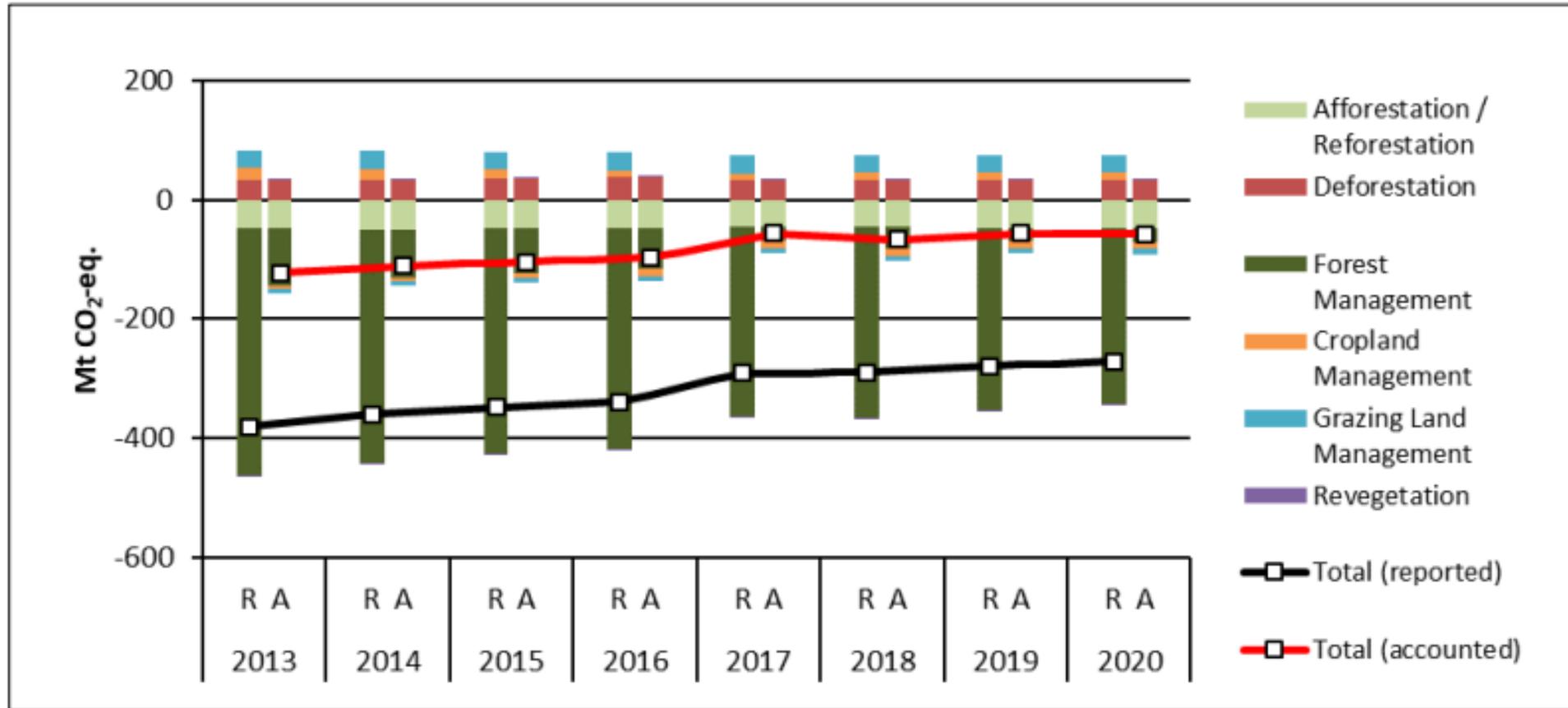
# Pathway to climate neutrality: Climate Law



# How many carbon removals?

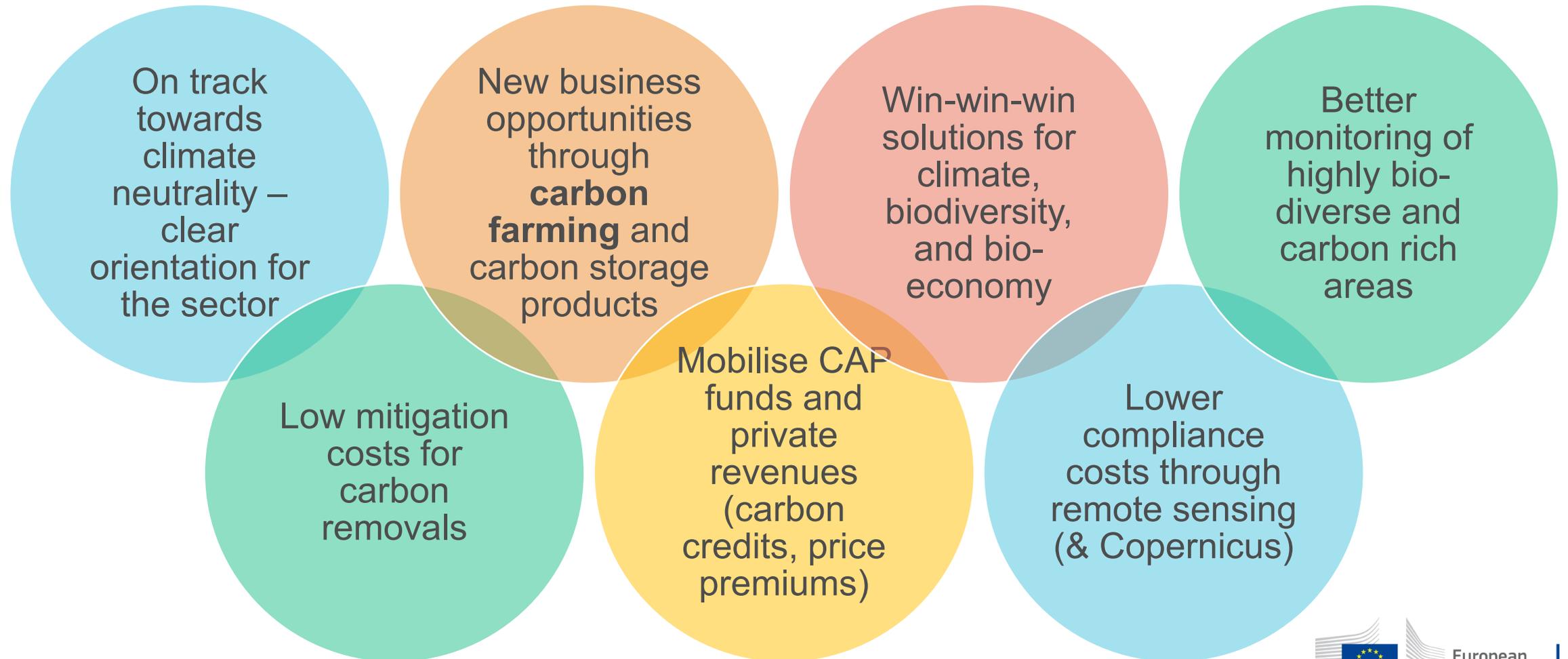


**Figure 11: Reported (R) and preliminary accounted (A) emissions and removals under the Kyoto Protocol, second commitment period, EU-27<sup>56</sup>**

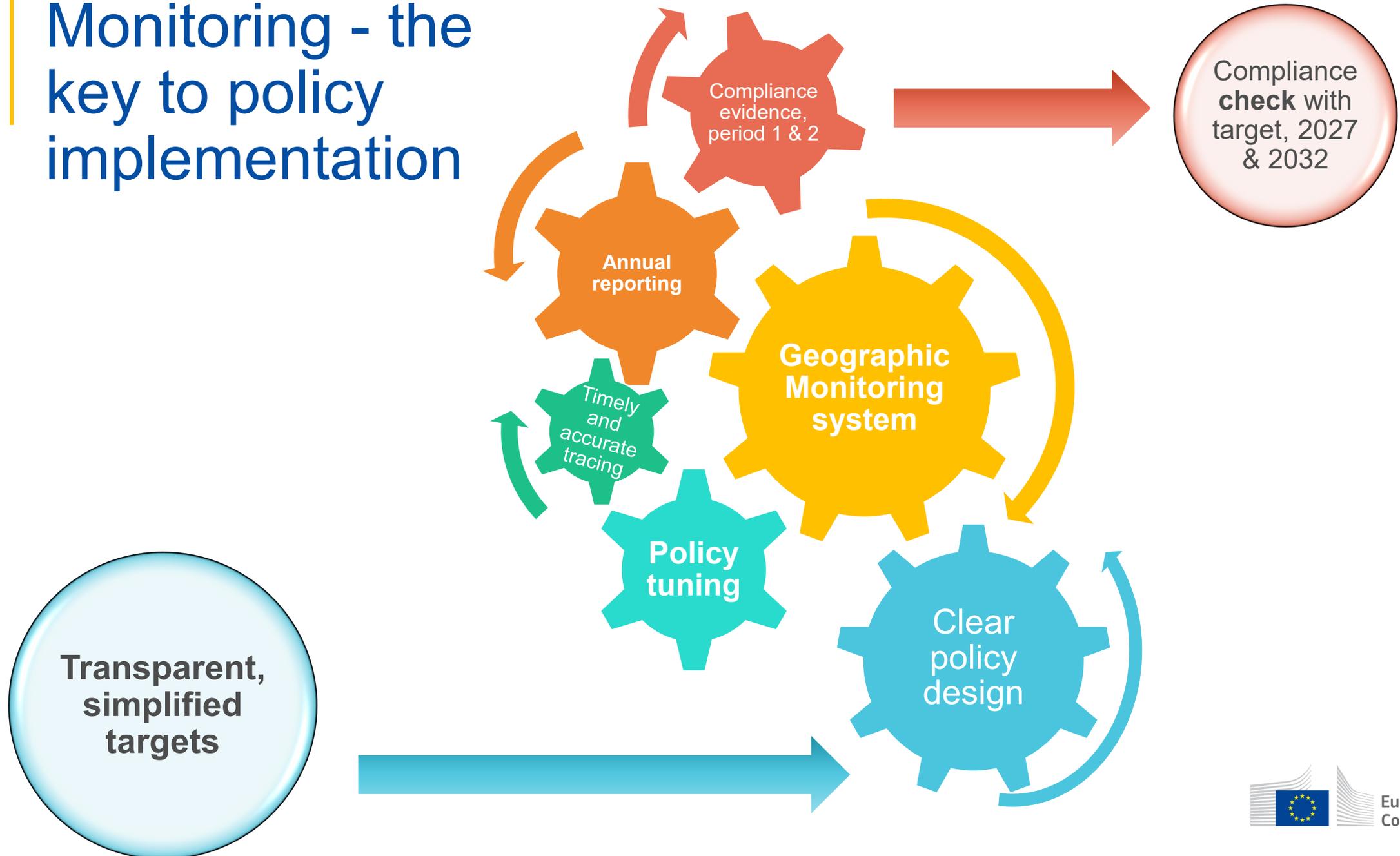


*Ref: Climate Action Progress Report, 2022*

# Environmental benefits *and* opportunities



# Monitoring - the key to policy implementation



# Enhanced LULUCF monitoring system

Enhanced system for biodiversity, carbon stocks and adaptation

## a) High carbon stocks

**Renewable Energy Directive II**

## b) Protection sites

Sites of high biodiversity under Renewable Energy Directive II

Sites under Habitats Directive

Sites under Birds Directive

Sites under the Water Framework Directive

## c) Restoration sites

All sites under point b)

Sites regarding environmental liability, prevention and remedying

Sites under Natural restoration in MS

Sites under the Water Framework Directive

Sites under the framework to facilitate sustainable investment

## d) High climate risk zones

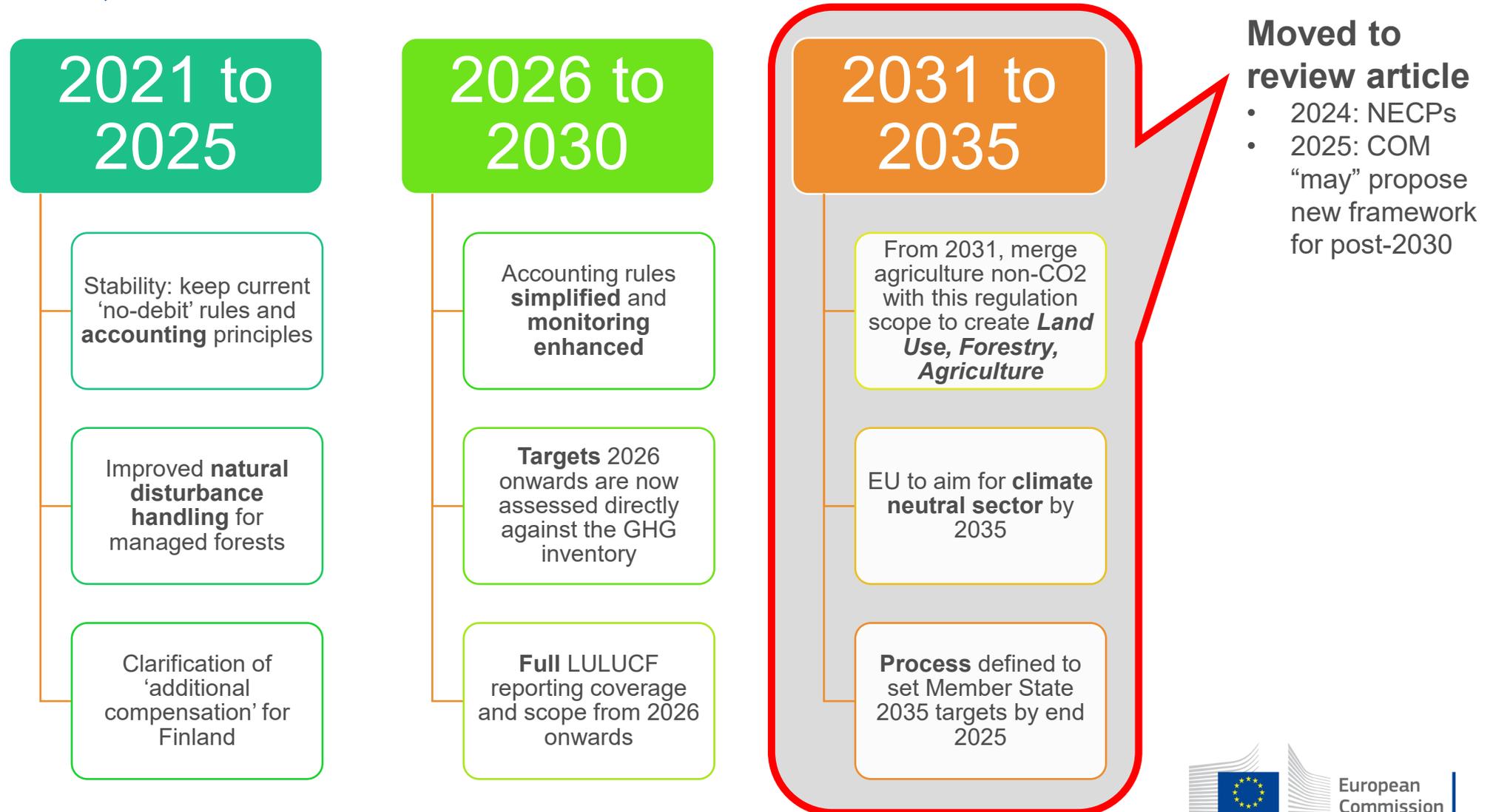
Natural disturbances under LULUCF Regulation (Art 13b)

Sites under Flood Directive

National adaptation strategy

Biodiversity Strategy, Nature Restoration Law

# Regulatory stability, transition to reporting-based approach, and climate-neutral framework



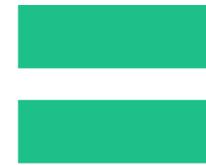
# The 2030 target allocation

European Union

-268 Mt EU net removals average from 2016 to 2018



**-42 Mt additional carbon removals**  
*Approx. 15% increase*



EU target of 310 Mt carbon removals

Member State

Average net removals or emission from 2016 to 2018



**Additional removals allocated in proportion to share of managed land area**



2030 Member State target (Annex IIa)

# The 2030 target allocation (see Annex IIa)

Member State	LULUCF E/R av. 16-18 [Mt]	Man. land area av. 16-18 [km <sup>2</sup> ]	Man. land area av. 16-18 [%]	Relative target 2030 [Mt]	End-point 2030 [Mt]	Member State	LULUCF E/R av. 16-18 [Mt]	Man. land area av. 16-18 [km <sup>2</sup> ]	Man. land area av. 16-18 [%]	Relative target 2030 [Mt]	End-point 2030 [Mt]
Belgium	-1.0	30,528	0.8	-0.3	-1.4	Lithuania	-4.0	63,061	1.6	-0.7	-4.6
Bulgaria	-8.6	111,002	2.7	-1.2	-9.7	Luxembourg	-0.4	2,586	0.1	0.0	-0.4
Czechia	-0.4	78,869	2.0	-0.8	-1.2	Hungary	-4.8	89,425	2.2	-0.9	-5.7
Denmark	5.8	42,053	1.0	-0.4	5.3	Malta	0.0	201	0.0	0.0	0.0
Germany	-27.1	357,901	8.9	-3.8	-30.8	Netherlands	5.0	41,530	1.0	-0.4	4.5
Estonia	-2.1	41,358	1.0	-0.4	-2.5	Austria	-4.8	83,870	2.1	-0.9	-5.6
Ireland	4.4	59,432	1.5	-0.6	3.7	Poland	-34.8	312,713	7.7	-3.3	-38.1
Greece	-3.2	110,500	2.7	-1.2	-4.4	Portugal	-0.4	92,393	2.3	-1.0	-1.4
Spain	-38.3	506,510	12.5	-5.3	-43.6	Romania	-23.3	228,299	5.7	-2.4	-25.7
France	-27.4	638,602	15.8	-6.7	-34.0	Slovenia	0.1	20,273	0.5	-0.2	-0.1
Croatia	-4.9	56,594	1.4	-0.6	-5.5	Slovakia	-6.3	48,095	1.2	-0.5	-6.8
Italy	-32.6	301,336	7.5	-3.2	-35.8	Finland	-14.9	275,408	6.8	-2.9	-17.8
Cyprus	-0.3	6,018	0.1	-0.1	-0.4	Sweden	-43.4	377,027	9.3	-4.0	-47.3
Latvia	0.0	61,059	1.5	-0.6	-0.6	<b>Total</b>	<b>-267.7</b>	<b>4,036,645</b>	<b>100.0</b>	<b>-42.3</b>	<b>-310.0</b>

# Thank you! Questions?

See the LULUCF Impact Assessment: <https://europa.eu/!NG7K6U>

upgrade amendment proposal: <https://europa.eu/!jPjNFP>

Carbon Removal Certification proposal: <https://europa.eu/!8mGymM>



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