

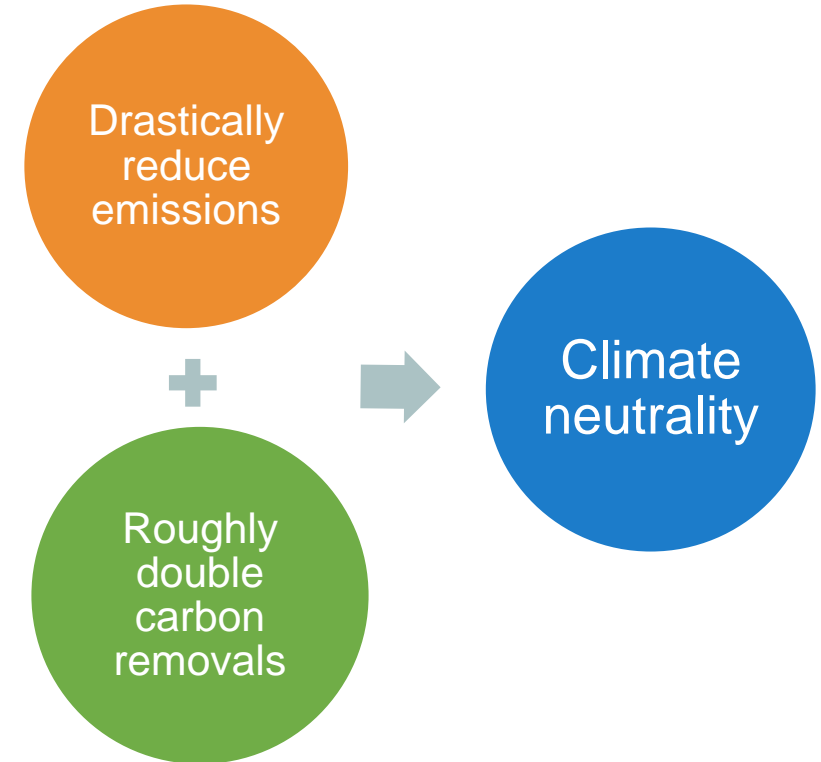
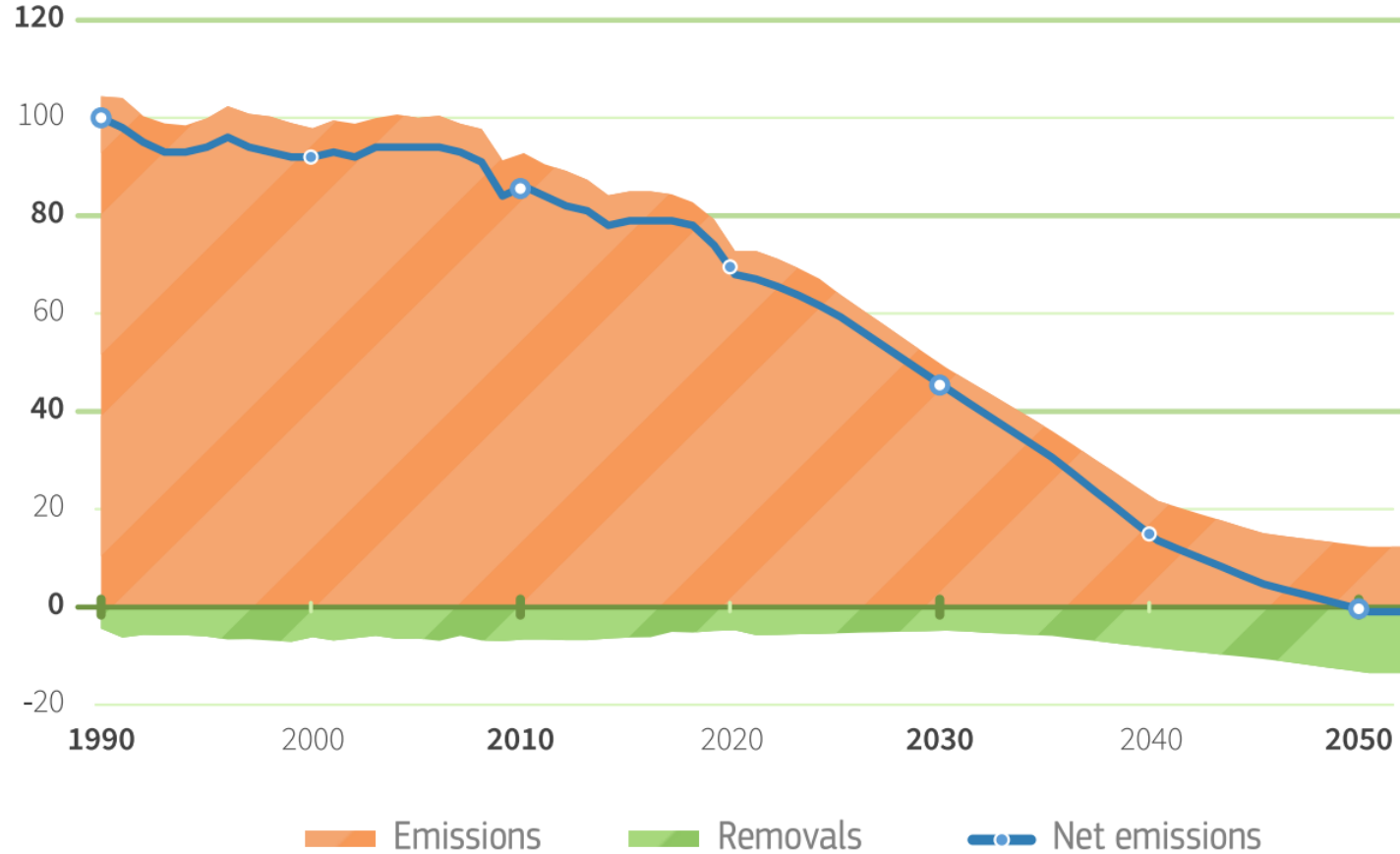


Proposal for an EU Regulation on Carbon Removals Certification

Valeria Forlin, European Commission

DG CLIMA Unit C3: Land economy and carbon removals

Towards climate neutrality



New LULUCF Regulation

2021 to 2025

Stability: keep current 'no-debit' rules and **accounting** principles

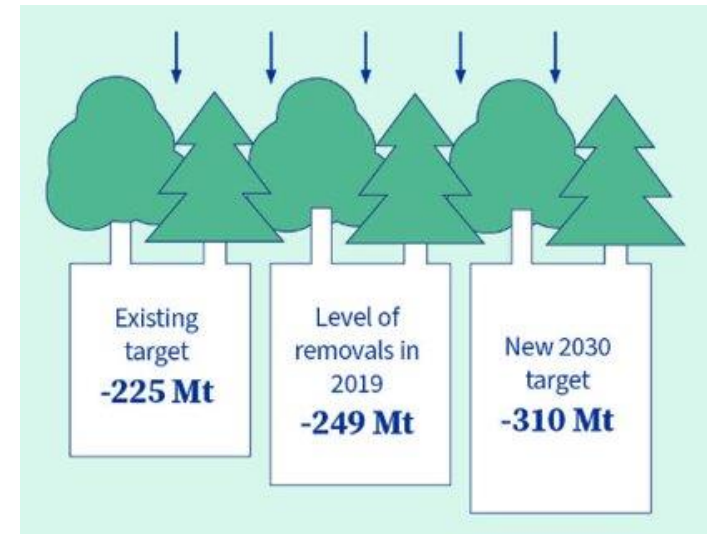
Improved handling of **natural disturbance** for managed forests

2026 to 2030

Ambitious **EU target -310 MtCO₂eq in 2030** (+ 27 national targets)

Enhanced monitoring rules, especially for protected / restored areas

Full coverage: mandatory reporting on all LULUCF categories



Key take-aways of the LULUCF revision: Regulation (EU) 2023/839*

Higher ambition

- **Explicit MS targets - for first time**
- **Full territorial scope from 2026**

Better monitoring

- **Move to Tier-2 and Tier-3 level, geographically explicit basis (use of earth observation)**

Improved governance

- **Corrective action process**
- **Recommendations by Commission**

EEA in the lead for implementation

- **Reinforced EEA team, Copernicus tools**

* <http://data.europa.eu/eli/reg/2023/839/oj> or consolidated version here: <https://europa.eu/!98HPxX>

More on enhanced monitoring

From 2026 emission year (2028 submission): Tier 2 for all areas, all carbon pools

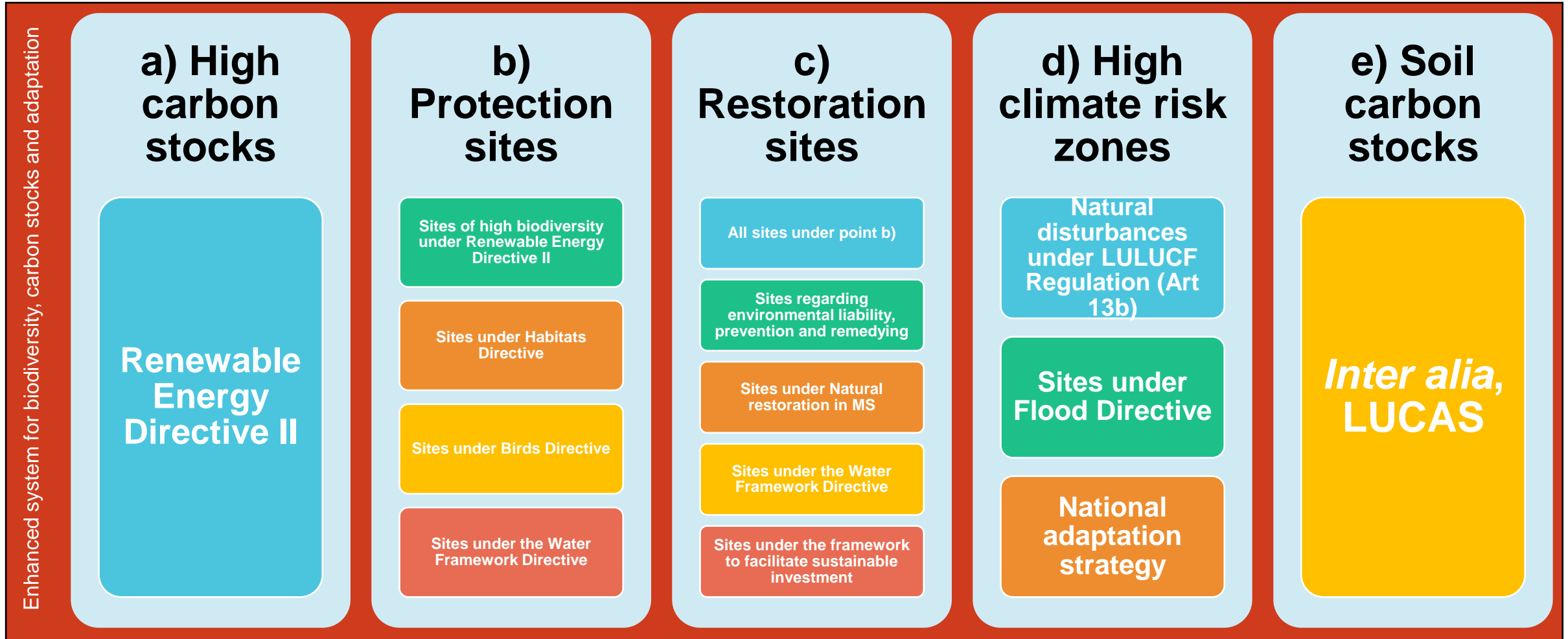
From 2028 emission year (2030 submission) Tier 3 in respect of enhanced monitoring for specific areas

- a) high carbon stock areas,
- b) protected areas,
- c) restoration areas,
- d) areas subject to adaptation
- e) (not applicable)

Member States to make monitoring data and information compatible/interoperable for "comparison and public access"

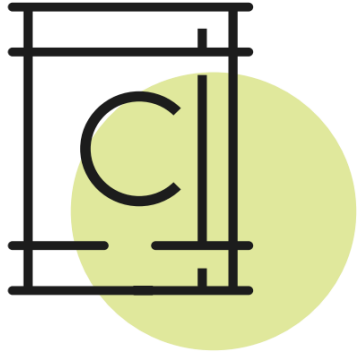
Inter alia, provides technical foundation for monitoring for carbon removal certification (proposal ongoing)

Enhanced LULUCF monitoring system



Biodiversity Strategy, Nature Restoration Law

What are carbon removal activities?



PERMANENT STORAGE

E.g. Bioenergy with Carbon Capture and Storage (BECCS), Direct Air Carbon Capture and Storage (DACCS)

Industrial leadership for climate-neutral technologies

At least 5 MtCO₂ removed in 2030, and up to 200 MtCO₂ in 2050

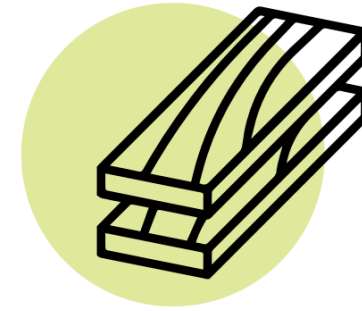


CARBON FARMING

*Soil and forest activities in the scope of the LULUCF Regulation, including:
Peatland restoration,
agroforestry, improved forest management,
soil carbon sequestration,*

Synergies with biodiversity and adaptation

Contribute to LULUCF target of -310 MtCO₂ removals in 2030 and climate-positive bio-economy in 2050



CARBON STORAGE IN LONG-LASTING PRODUCTS

E.g. wood-based construction materials and other carbon-storing construction products

New European Bauhaus

Starting up carbon farming

Benefits



Increased carbon removals



Additional income for land managers

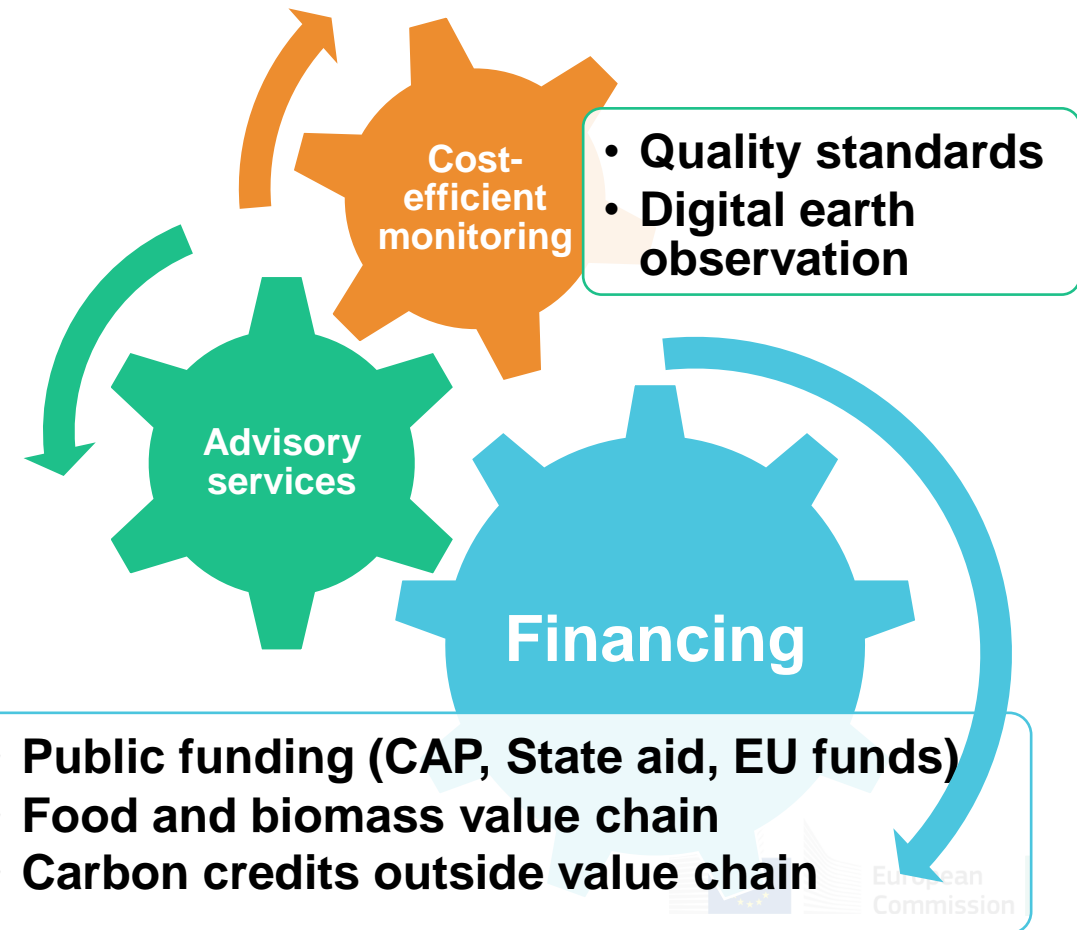


More biodiversity and nature



Increased climate resilience of farm and forest land

Challenges



Overview of the CRC Regulation proposal

QU.A.L.I.TY criteria

- QUantification
- Aditionality
- Long-term storage
- Sustainabil-ITY

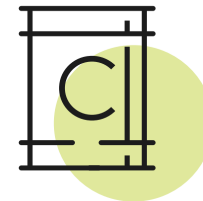
Certification process/rules

- Third-party verification by certification **bodies**
- Certification **schemes**
- Certification **registries**



Tailored certification methodologies –

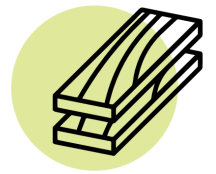
Operationalising the quality criteria



PERMANENT
STORAGE



CARBON
FARMING

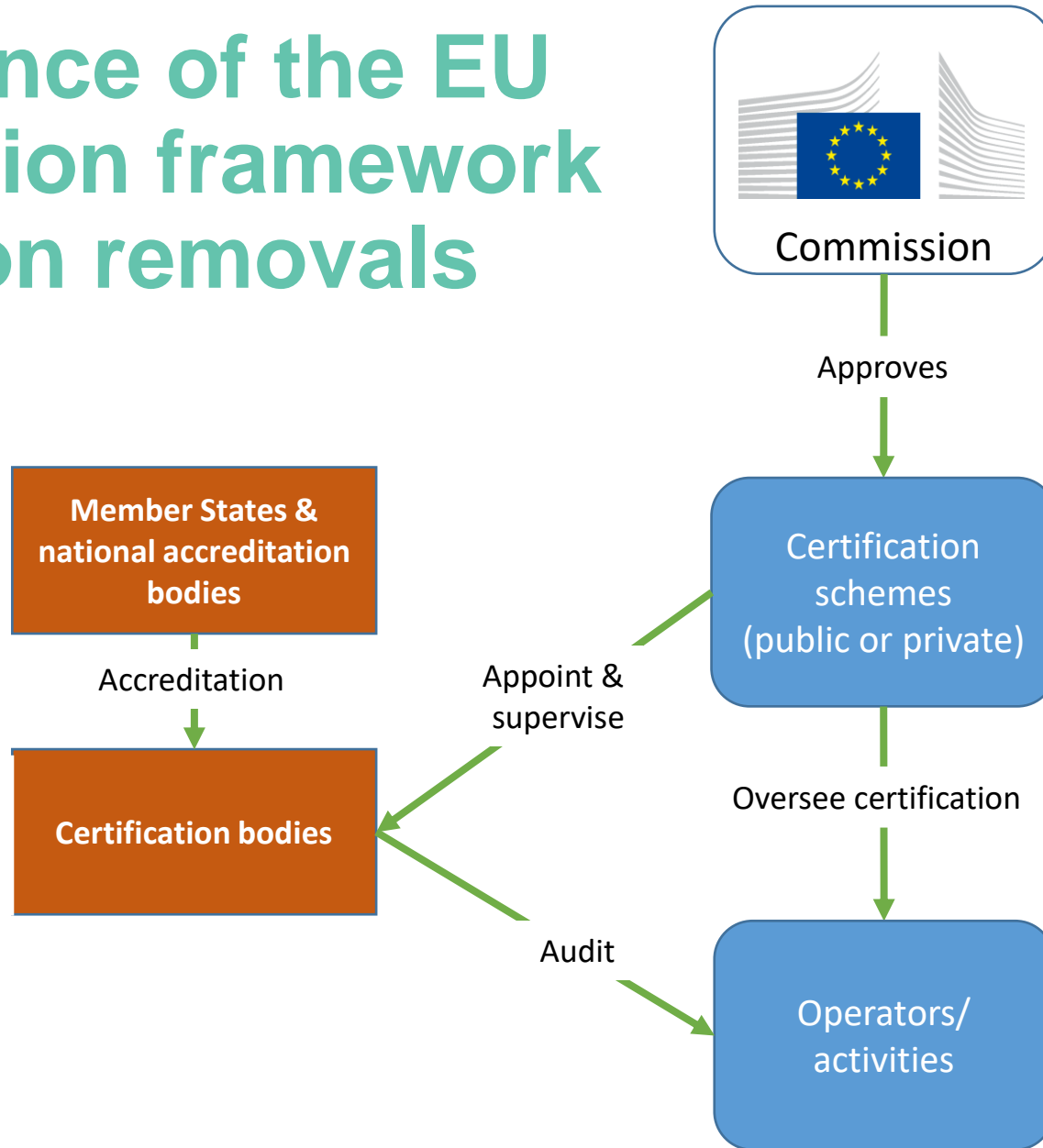


CARBON
STORAGE IN
LONG-
LASTING
PRODUCTS

Governance of the EU certification framework for carbon removals

- Accredit & control **certification bodies**

- Carry out certification **audits**
- Issue **certificates** of compliance



- Develops tailored **certification methodologies** through delegated acts, supported by expert group
- Recognises **certification schemes** (e.g. public or private entities tasked to implement/control the certification process)

- Manage the **scheme** (including internal monitoring)
- Appoint, train and supervise **certification bodies**
- Register **activities**
- Control certification **audits** and **certificates** of compliance
- Issue carbon removal **units**
- Manages public **registries**

- Apply for certification
- Monitor and report compliance with the quality criteria through the relevant certification methodologies

Towards a EU carbon removals policy post-2030

Climate Law

- COM proposal for a 2040 climate target

By 2024



By 2025



Carbon storage products

- Assess their inclusion in scope of LULUCF Regulation
(Art 17(3) revised LULUCF Reg)

Permanent storage

- COM assessment of inclusion of permanent storage in ETS
(Art. 30 revised ETS Directive)

By 2026



2023-24



Corporate targets & claims

- EU Sustainability Reporting Standards
- Green Claims initiative

Carbon farming

- COM assessment of regulatory options to ensure that land is well on track for climate neutrality
(Art 17(2) revised LULUCF Reg)

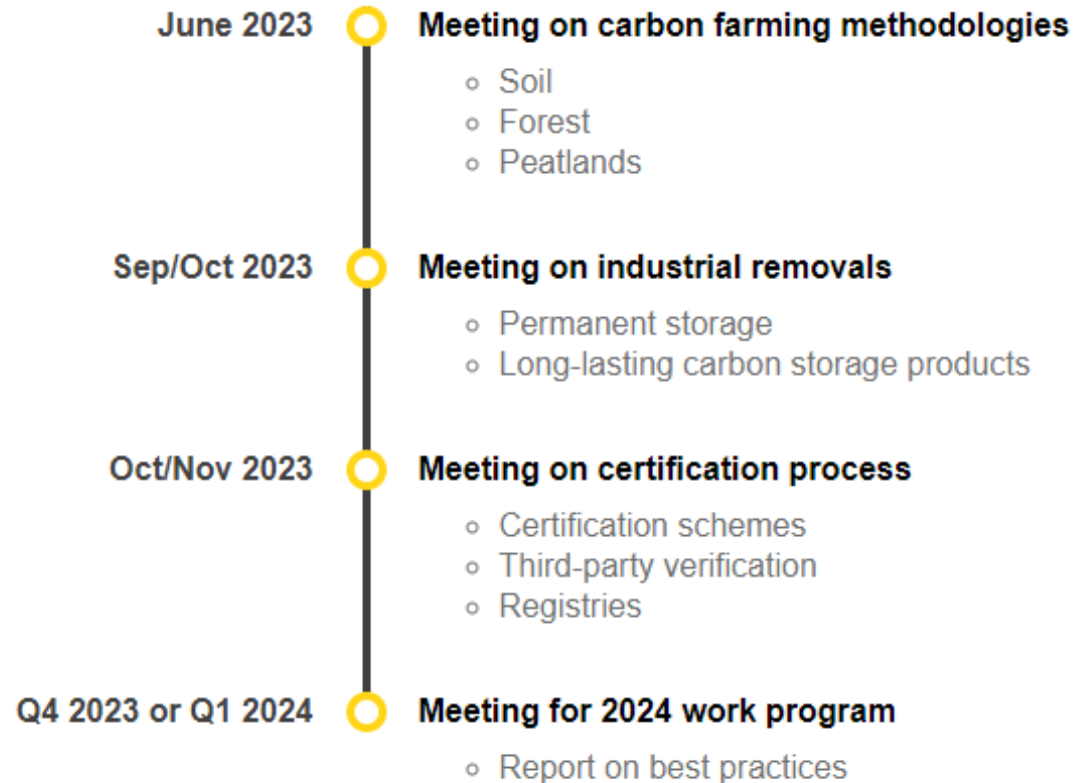
By 2025



EC Expert Group on Carbon Removals

https://climate.ec.europa.eu/eu-action/sustainable-carbon-cycles/expert-group-carbon-removals_en

2023 work programme



25-26 October 2023: Meeting on industrial carbon removal methodologies



Oct-Dec 2023: Three meetings of "focus groups" to draft scoping papers on carbon farming methodologies

More information:

- CRC Proposal: https://climate.ec.europa.eu/document/fad4a049-ff98-476f-b626-b46c6afdded3_en
- Impact Assessment: https://climate.ec.europa.eu/document/ab53e63b-4b85-4d28-ac67-6bd742506bae_en
- Press release: [Commission proposes certification of carbon removals \(europa.eu\)](https://ec.europa.eu/commission/presscorner/detail/en/qanda_22_7159)
- Q&A: https://ec.europa.eu/commission/presscorner/detail/en/qanda_22_7159
- Expert Group on Carbon Removals: https://climate.ec.europa.eu/eu-action/sustainable-carbon-cycles/expert-group-carbon-removals_en

Thank you!

Contact: [valeria.forlin at ec.europa.eu](mailto:valeria.forlin@ec.europa.eu)

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