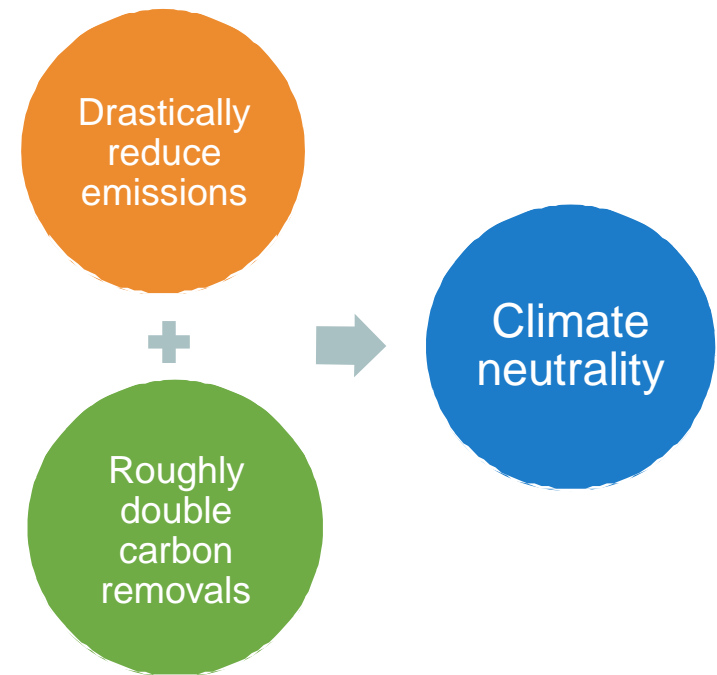
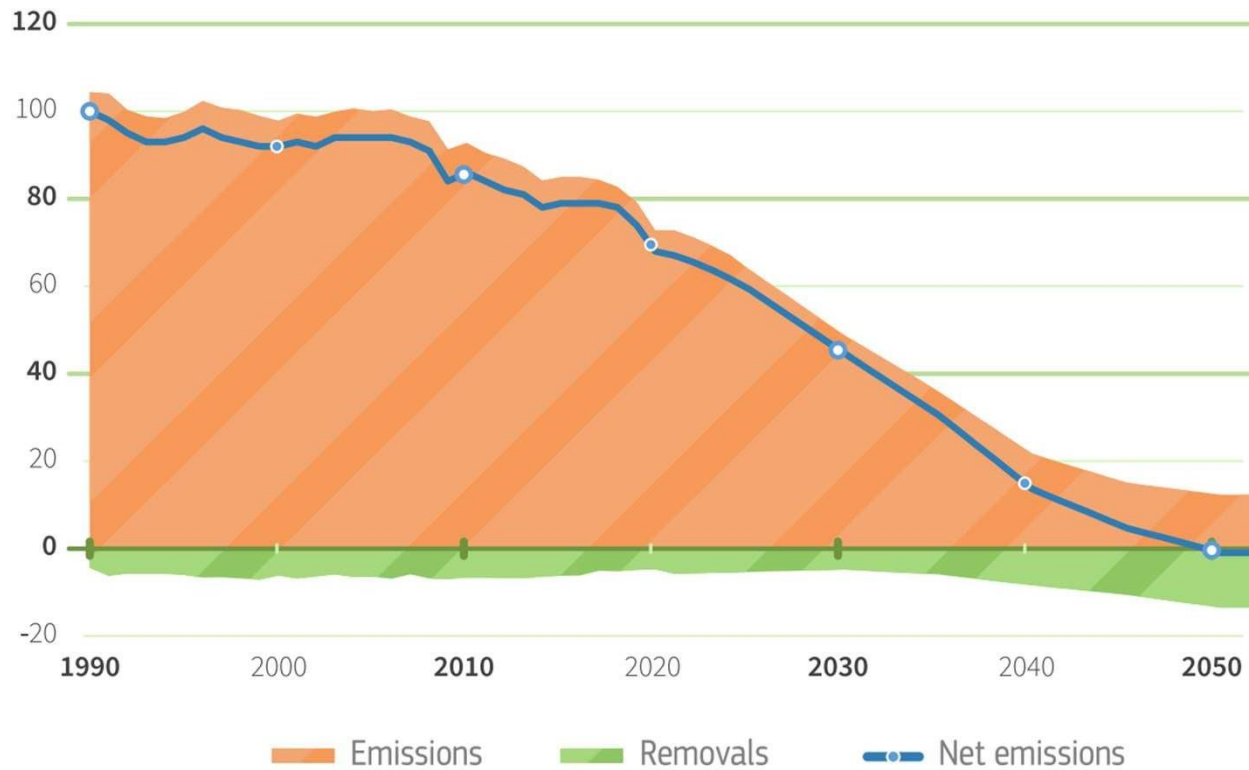




# Commission proposal for a Carbon Removals Certification (CRC) Regulation

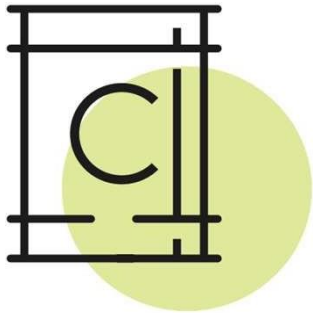


# Why carbon removals?



GHG projections for climate neutrality  
1990 GHG emissions = 100  
Source: EU 2030 Climate Target Plan

# 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 MtCO<sub>2</sub> removed in 2030, and up to 200 MtCO<sub>2</sub> in 2050*

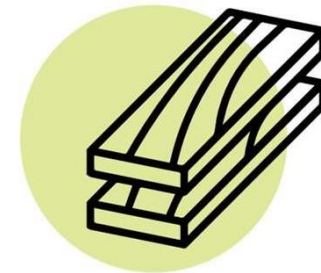


## CARBON FARMING

*E.g. Af-/re-forestation, improved forest management, agroforestry, soil carbon sequestration, peatland restoration*

***Realise strong synergies with biodiversity***

*Contribute to LULUCF target of -310 MtCO<sub>2</sub> removals in 2030 and climate-positive bio-economy in 2050*



## CARBON STORAGE IN PRODUCTS

*E.g. Use of wood-based materials in construction, long-lasting Carbon Capture and Utilisation (CCU)*

***New European Bauhaus***

# Starting up carbon farming

## Benefits



Increased carbon removals



Additional income for land managers

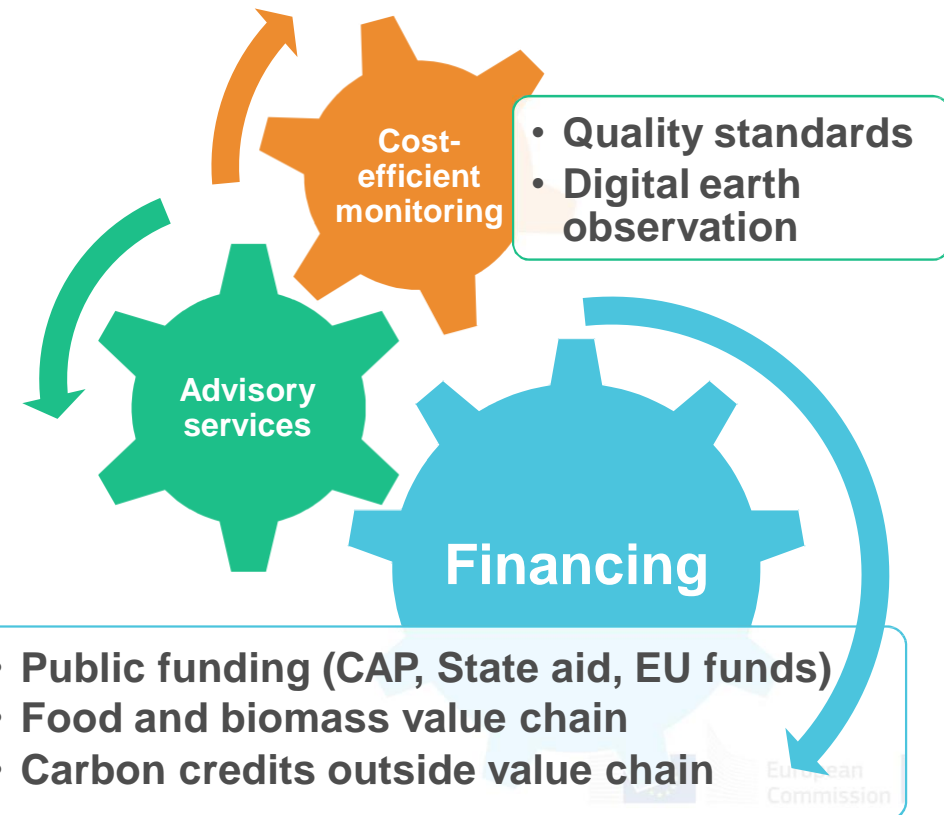


More biodiversity and nature

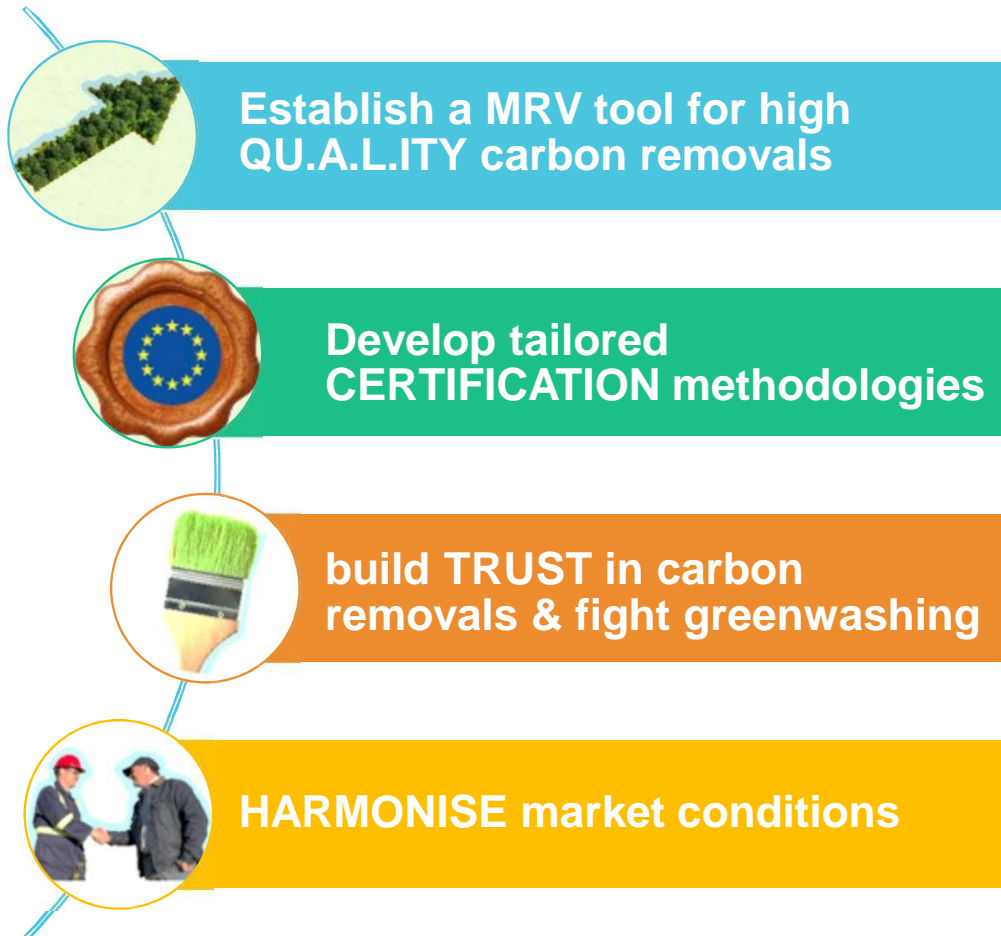


Increased climate resilience of farm and forest land

## Challenges



# Objectives of the CRC proposal



## *Legislative Proposal*

### **Art. 1-3: General provisions**

- 1: Scope
- 2: Definitions
- 3: Eligibility

### **Art. 4-8: Quality criteria**

- 4: Quantification
- 5: Additionality
- 6: Long-term storage
- 7: Sustainability

8: Certification methodologies

### **Art. 9-14: Certification & Certification schemes**

- 9: Certification of compliance
- 10: Operation of certification bodies
- 11: Operation of certification schemes
- 12: Registries
- 13: Recognition by the Commission
- 14: Reporting

### **Art. 15-18: Final provisions**

# 1: QU.A.L.I.T.Y criteria for all carbon removals



## QUANTIFICATION

*Carbon removal activities are measured accurately and deliver unambiguous benefits for the climate*



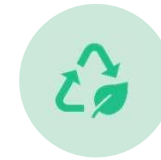
## ADDITIONALITY

*Carbon removal activities go beyond market practices and what is legally required*



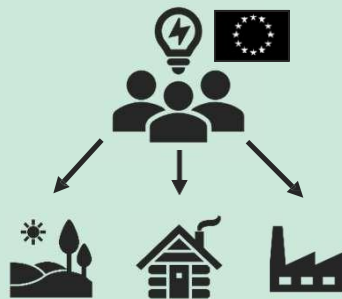
## LONG-TERM STORAGE

*Certificates clearly account for the duration of carbon storage and distinguish permanent storage from temporary storage*



## SUSTAINABILITY

*Carbon removal activities do not harm the environment or even benefit other environmental objectives such as biodiversity*



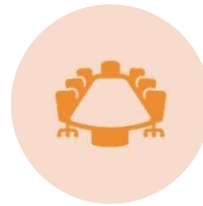
To operationalise the EU quality criteria, the Commission, supported by an expert group, will develop **tailored certification methodologies** for different types of carbon removal activities

## 2: Rules for verification and certification



### THIRD-PARTY VERIFICATION

*Carbon removal activities  
should be verified by  
independent auditors*



### RELIABLE CERTIFICATION SCHEMES

*Certification schemes should  
have a trustworthy  
governance system in place*



### PUBLIC REGISTRIES OF CARBON REMOVALS

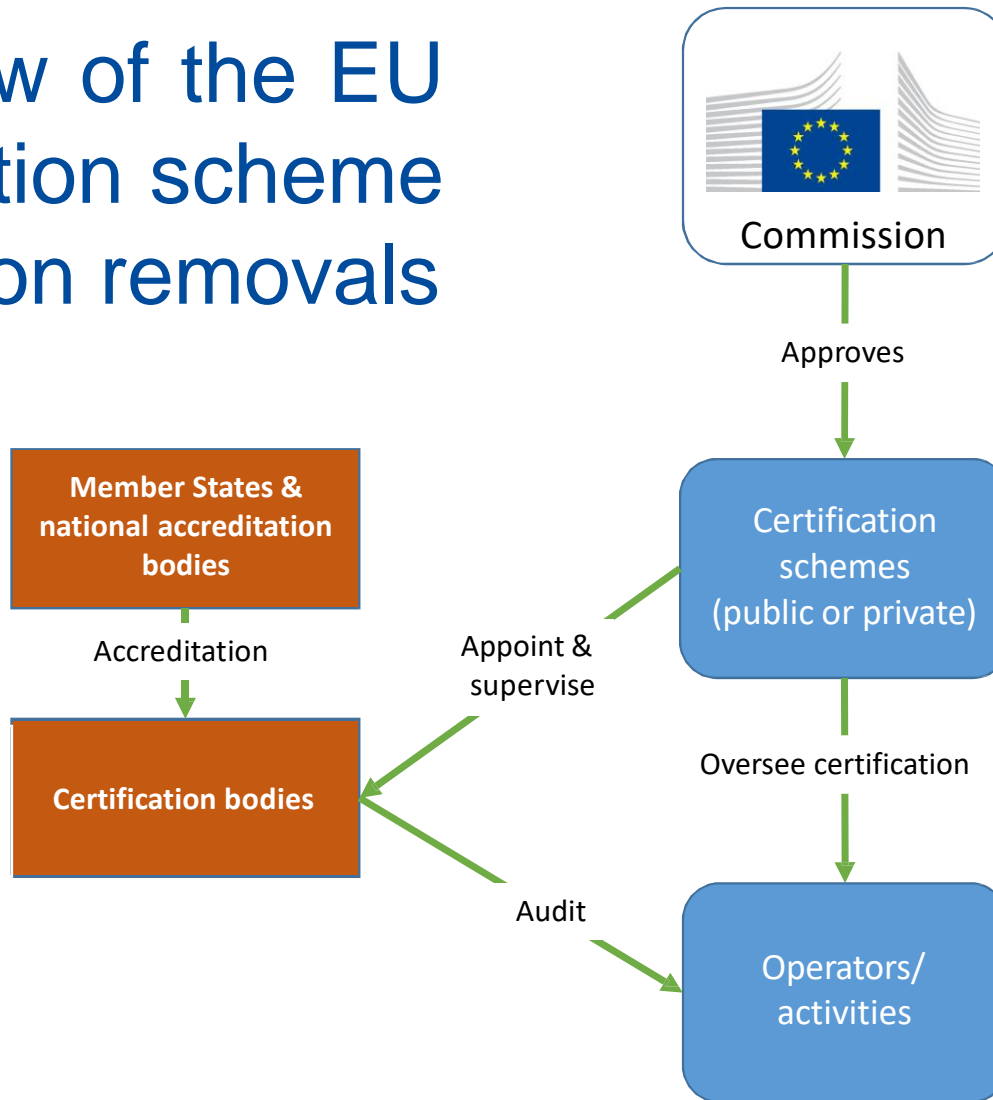
*Carbon removals should be  
recorded in interoperable  
registries to avoid double-  
counting*



The Commission will **recognise certification schemes** that should be used by operators to demonstrate compliance with the Regulation

# Overview of the EU certification scheme 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

- Proposal of 2040 target  
(*GST = Global Stock Stake*)

GST + 6  
months



## Permanent storage

- Assess inclusion of permanent storage in ETS  
(*Art. 30 new ETS Directive*)

By 2026



## Carbon farming

- Assess regulatory options to ensure that land is well on track for climate neutrality  
(*Art 17(2) new LULUCF Reg*)

By 2025



CRC + 1y



2023-24



## Carbon storage products

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

## Corporate targets & claims

- EU Sustainability Reporting Standards
- Green Claims initiative

# Useful links

- Proposal: [https://climate.ec.europa.eu/document/fad4a049-ff98-476f-b626-b46c6afdded3\\_en](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](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](https://ec.europa.eu/commission/presscorner/detail/en/qanda_22_7159)
- Factsheet: [https://ec.europa.eu/commission/presscorner/detail/en/fs\\_22\\_7161](https://ec.europa.eu/commission/presscorner/detail/en/fs_22_7161)
- More information on Sustainable Carbon Cycles: [https://ec.europa.eu/clima/eu-action/forests-and-agriculture/sustainable-carbon-cycles\\_en](https://ec.europa.eu/clima/eu-action/forests-and-agriculture/sustainable-carbon-cycles_en)
- Delivering the European Green Deal: [https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal/delivering-european-green-deal\\_en](https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal/delivering-european-green-deal_en)