



Sustainable Carbon Cycles

ENRD, Carbon Farming thematic group

Sustainable Carbon Cycles

To achieve **climate neutrality** at the latest by 2050 and **negative emissions** thereafter, the EU needs to increase carbon removals and establish **sustainable carbon cycles**.

Communication

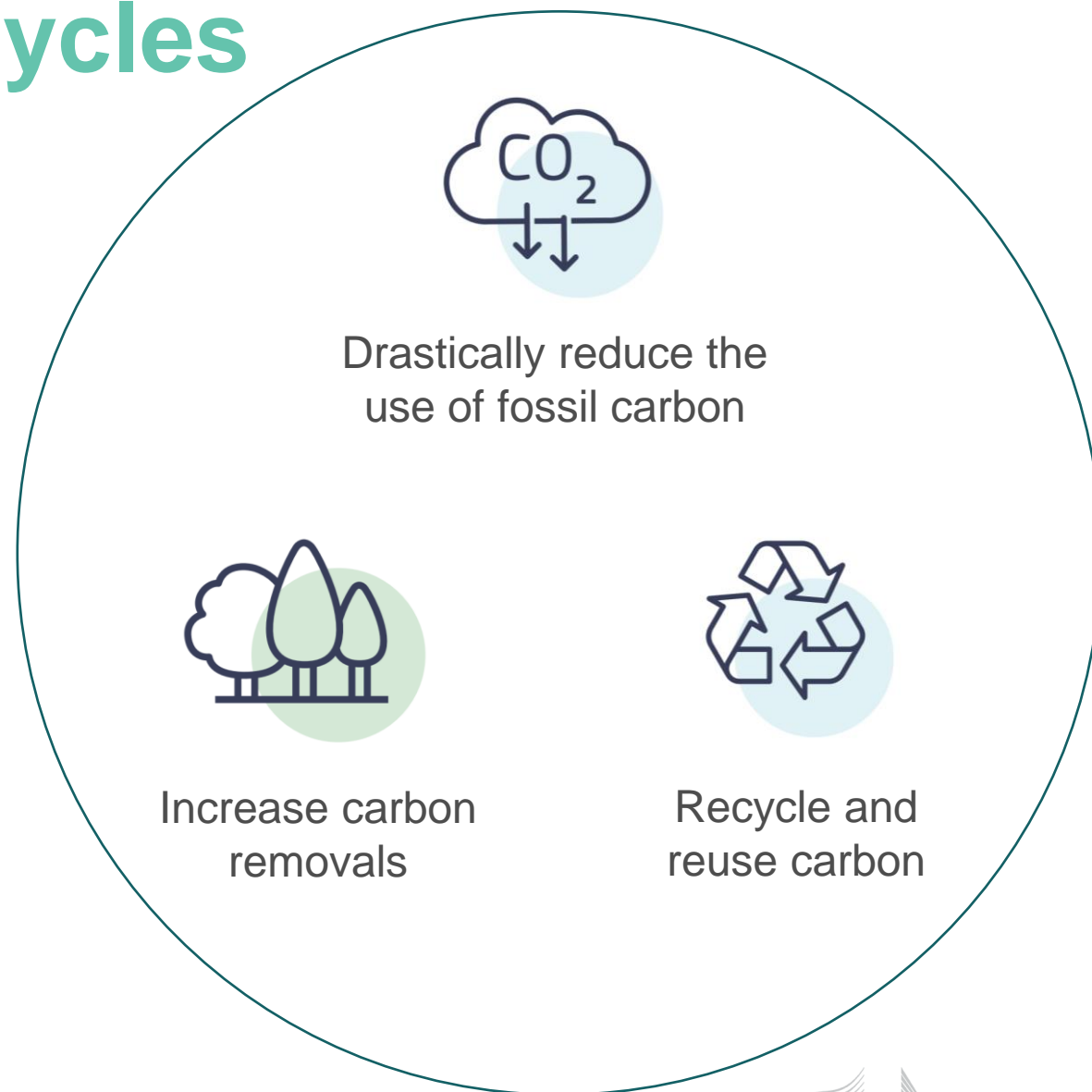
Sustainable Carbon Cycles

Staff Working Document #1

**Technical assessment for 2050
Climate Neutrality**

Staff Working Document #2

Carbon Farming



Carbon farming



A **green business model** rewarding land managers for improved land management practices, resulting in carbon sequestration in ecosystems and reducing the release of carbon to the atmosphere.

Benefits of carbon farming:



Increased carbon removals



Additional income for land managers



More biodiversity and nature



Increased climate resilience of farm and forest land

Carbon farming

Challenges

By 2028:

- Access to verified emission and removal data for all land managers

By 2030:

- Contribute to reaching LULUCF target of 310 Mt CO₂eq net removals



Next step:

A regulatory framework for the certification of carbon removals

Call for Evidence* (Q1 2022)

Conference (31 January 2022)

Legislative proposal (Q4 2022)

Set **robust requirements** for transparent measurement, monitoring, reporting and verification of the carbon removed from the atmosphere

Ensure a high level of **environmental integrity** and biodiversity protection

Enhance the **uptake** of market-based carbon removal solutions, give prospects to carbon farming and industrial projects that **invest** in carbon removals

Establish an effective **governance framework** for effective, cost-efficient and transparent implementation

Involve **stakeholders** (Call for evidence, conference, expert group)

* Inception Impact Assessment open for feedback; Open Public Consultation.

Links

- Call for Evidence on Carbon Removal Certification [Certification of carbon removals – EU rules \(europa.eu\)](#)
- Watch the recording of the Conference on Sustainable Carbon Cycles, 31 January 2021 [Sustainable Carbon Cycles Conference - About \(b2match.io\)](#)
- Our [webpage](#) and our [press release](#) on the Sustainable Carbon Cycles communication
- Our webpage on [Carbon Farming \(europa.eu\)](#)
- Commission list of potential eco-schemes <https://europa.eu/!yb74nC>
- Study on Carbon Farming: <https://data.europa.eu/doi/10.2834/594818>
- Study on Wood in construction: <https://dx.doi.org/10.2834/421958>
- Legislative proposal on a new Regulation for Land use, forestry, and agriculture [Delivering the European Green Deal | Climate Action \(europa.eu\)](#)

Thank you



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Slide “Sustainable bioeconomy – examples”: picture BECCS, source: <https://www.stockholmexergi.se>; picture timber in construction, source: <https://www.build-in-wood.eu> ; picture fiber crops, source: <http://news.europeanflax.com/>

