

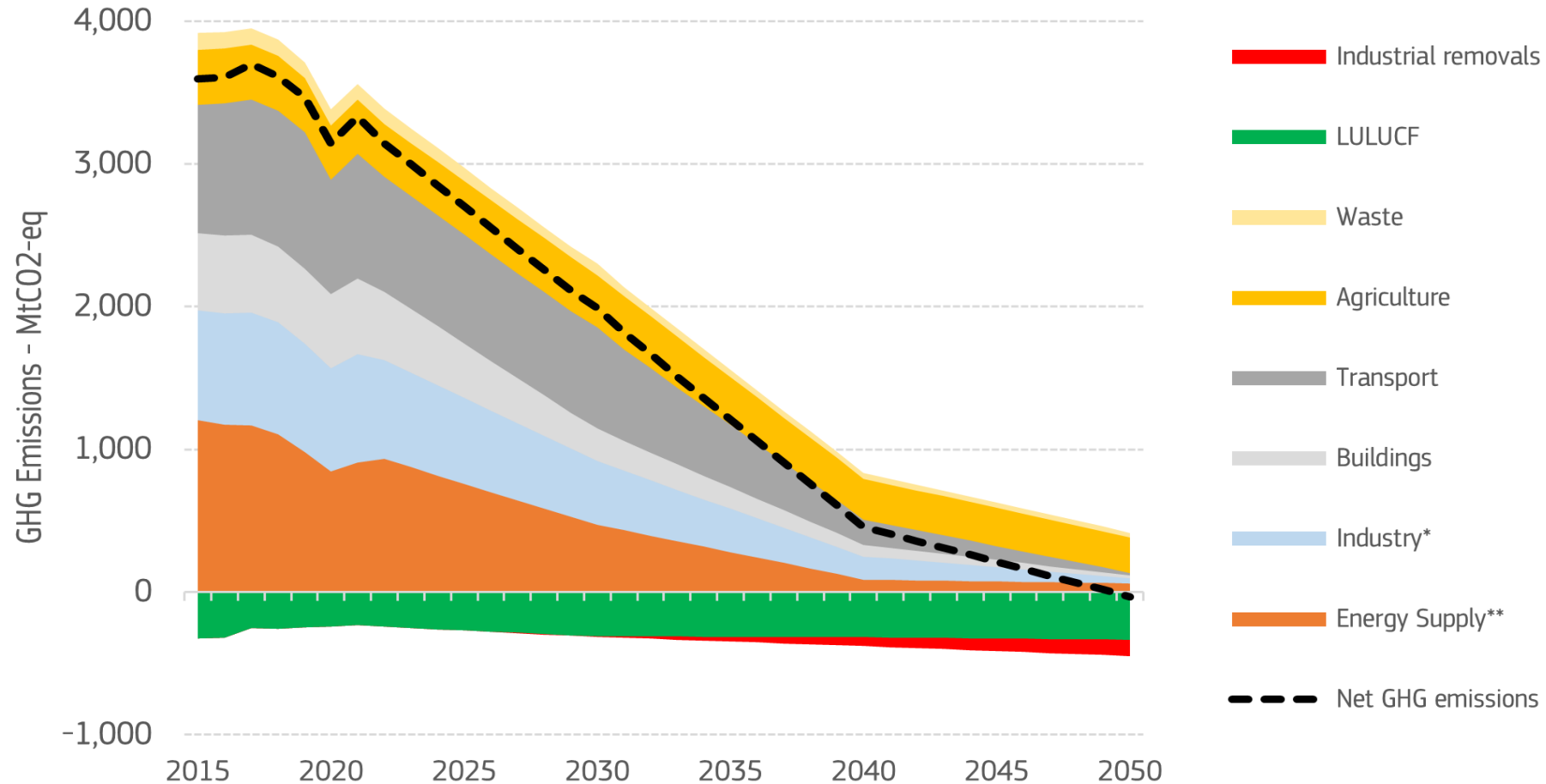


Carbon Farming

6 March 2024

Pathway to climate neutrality

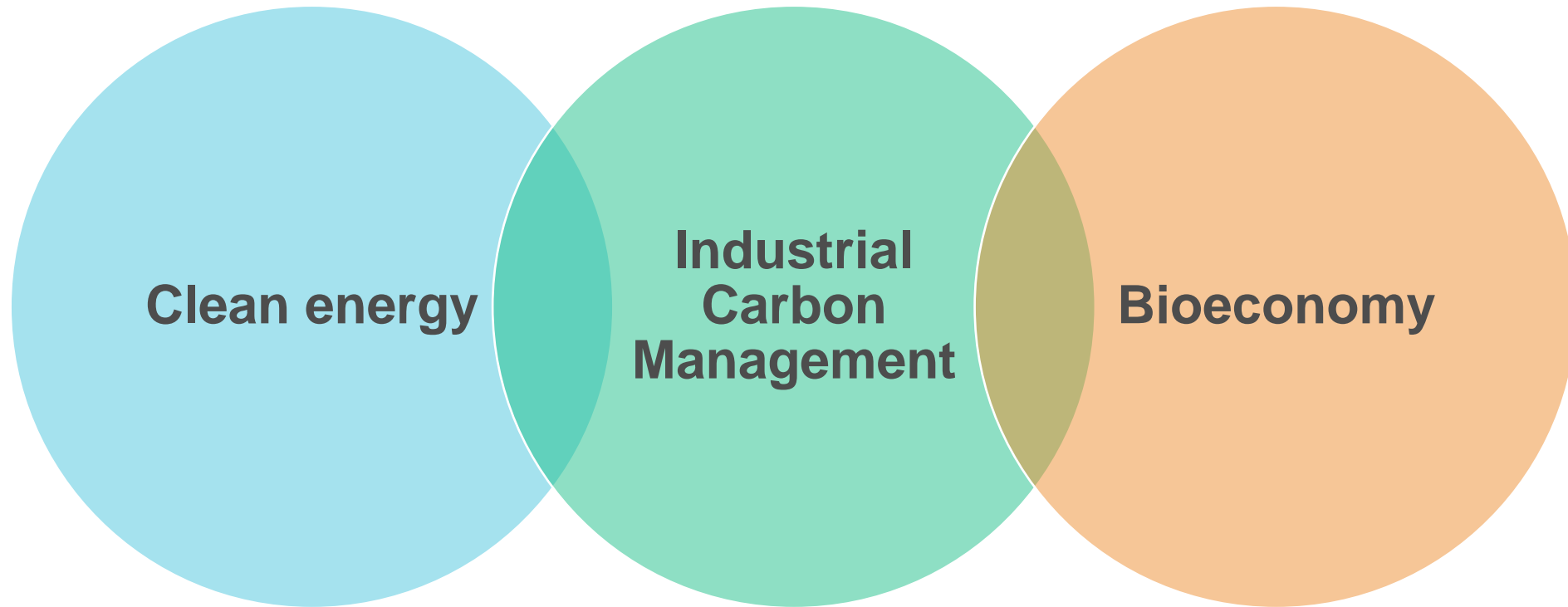
Historical and projected sectoral greenhouse gas emissions in the period 2015-2050



*Excluding non-BECCS industrial removals

**Including bioenergy with carbon capture and storage (BECCS)

Three keys for climate neutrality



Carbon farming



Use of **conservation tillage, catch crops, cover crops** and increasing **landscape features**



Agroforestry and other forms of mixed farming



Restoration, rewetting and conservation of **peatlands and wetlands**



Precision farming and more efficient use of fertilizers



Forest Management and Reforestation according to ecological principles



Blue carbon: coastal wetlands

Starting up carbon farming

On-farm monitoring

EU
Certification
Framework

Soil and
Forest
Monitoring
Laws

Project development and advisory services

Private
initiatives

Public
support

Financing

**Corporate
Sustainability
Reporting**

• [Sustainable Reporting
Standards on Climate](#)

Green Claims

• [Commission proposal](#) from
March 2023 on climate-
neutrality claims

**Post-2030
Climate Policy**

• Study on Emissions and
Removals Trading in the
AGRI-FOOD value chain

Certification framework for carbon farming

Emissions reductions

- Soil
- Rewetting of peatlands
- Reductions of fertilizer use

Temporary carbon removals in soils and forests

- Time-limited certificate (e.g. 5 or 10 years)
- Certification period can be renewed

Separate units will be certified and issued for emissions reductions and temporary carbon removals

How does the certification process work?

Operators generate carbon removals or emissions reductions

Independent certification bodies verify the number of units and compliance certification criteria

Public or private certification schemes issue the certified in their own registries or in the Union registry (to be established within 4 years)

Commission to develop certification methodologies

2024 priorities for expert group

Carbon farming

- Soil carbon and agroforestry
- Rewetting of peatlands
- Forest management

Your input and experiences for the design of CREDIBLE methodologies

Quantification of climate benefit

- Modelling
- Monitoring
- Soil sampling

Baseline

- Standardised baseline
- Activity-specific baseline

Liability

- Buffers
- Insurance

Sustainability benefits

- Mandatory benefits for biodiversity and soil quality
- Benefits for water resilience
- Benefits for climate adaptation

Next milestones

Expert Group Meeting

- Brussels
- 15 to 17 April