



# Carbon storage and removals in the CAP Strategic Plans

An assessment of interventions proposed by Member States

*CDG ENV&CLIMA, 13.11.2023*

# Scope

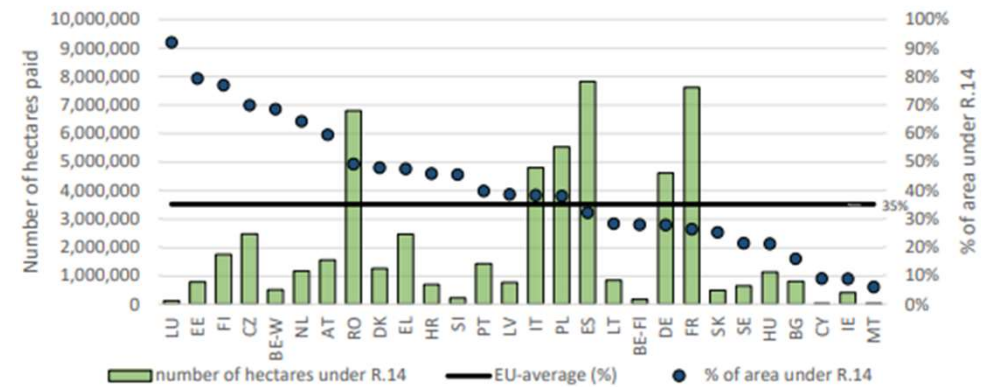
Effective examples of practices for carbon storage and removals:

- Restoration/rewetting of peatlands and wetlands
- Agroforestry
- Afforestation and reforestation
- Conversion of arable land to grasslands
- Ploughing ban on grassland and arable land
- Use of catch crops and cover crops
- Increasing landscape features

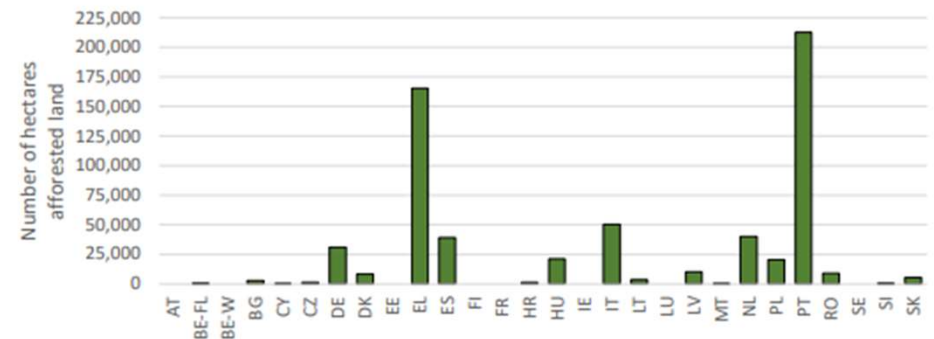
# Result indicators and targets

- **R.14 Carbon storage in soils and biomass**
- **R.17 Afforested land**
- R.16 Investments related to climate
- R.26 Share of farms benefitting from CAP productive and non-productive investment support related to care for the natural resource
- R.27 Number of operations contributing to environmental sustainability and the achievement of climate mitigation and adaptation goals in rural areas

**Figure 1: target value for result indicator R.14 Carbon storage in soils and biomass**

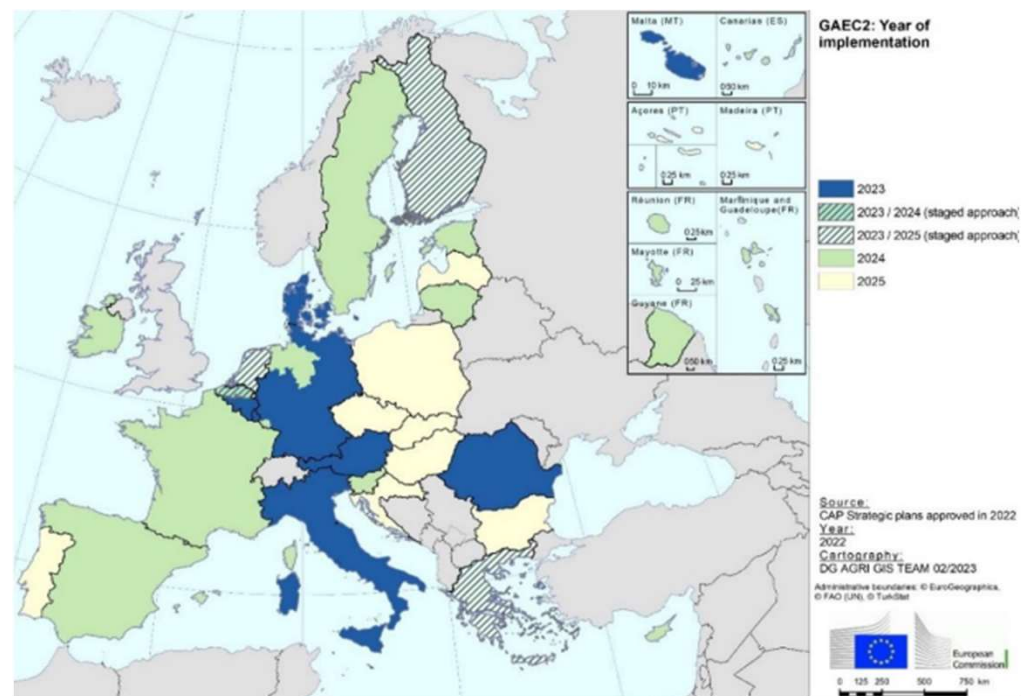


**Figure 2: target value for result indicator R.17 Afforested land**



# Relevant GAECs

- GAEC 1 and 9
- GAEC 2
- GAEC 3
- GAECs 5, 6 and 7 + 4 and 8
- Different interventions can be supported above the baseline

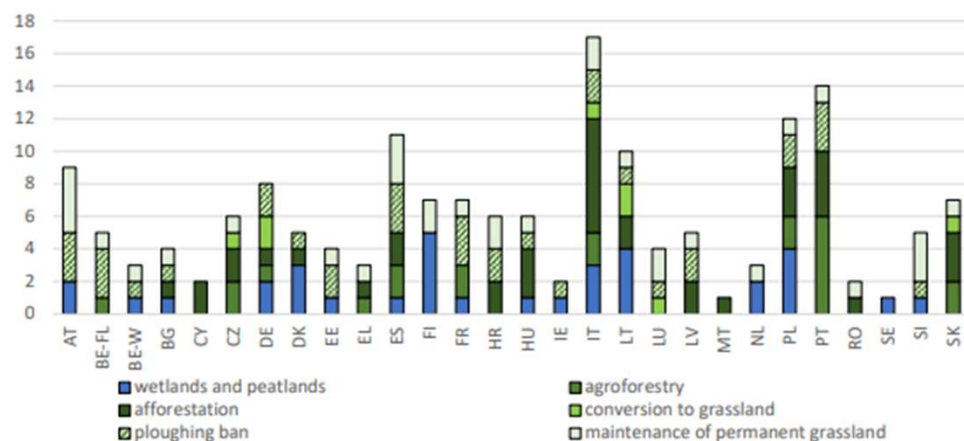


Features	MS	No of CSPs
Ban/restrictions on drainage	AT, BE-FL, BE-WA, BG, DE, EE, EL, LV, LT, LU, MT, NL, PT, RO, FI	15
Tillage restrictions/ ploughing ban	AT, BE-FL, BE-WA, BG, DE, DK, EE, EL, IT, LV, LT, LU, MT, PT, RO, SI, FI, SE	18
Extraction/ burning of peat	AT, BE-FL, BG, EL, LT, PT, RO, SI, FI	9
Other*	AT, BG, DE, DK, EL, LU, MT, NL, PT, RO, SI, FI, SE	13
Not yet included	CZ, IE, ES, FR, HR, CY, HU, PL, SK	9

\* Other practices include restrictions on fertilisation, or machinery use, or obligatory maintenance requirements to prevent overgrowth of the area, prohibiting a change in the water level.

# Relevant interventions

Figure 3: Number of interventions programmed per carbon practice by Member State



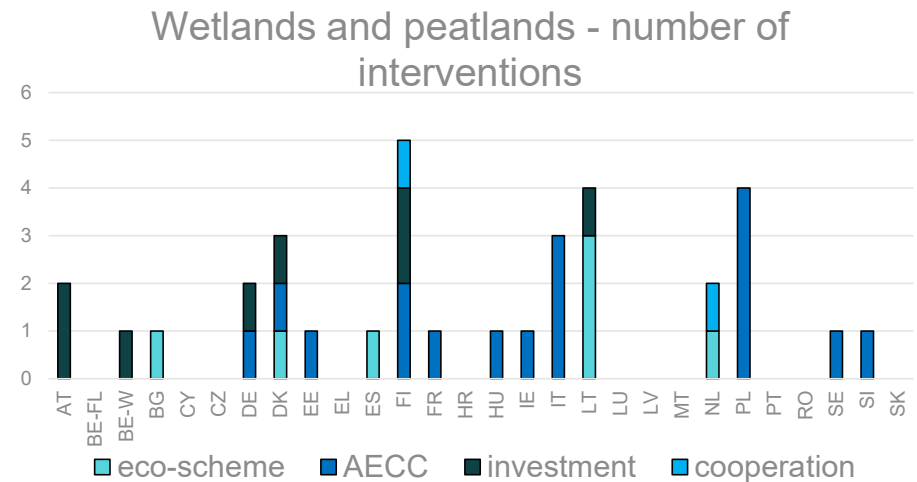
Screening looked at:

- R.14 and R.17
- Interventions with GAEC 1, 2 and 3 as baseline
- R.16 and R.26 for investments
- Supporting a carbon farming practice within a broad intervention

# Wetlands and peatlands

In total 34 interventions in 17 Member States:

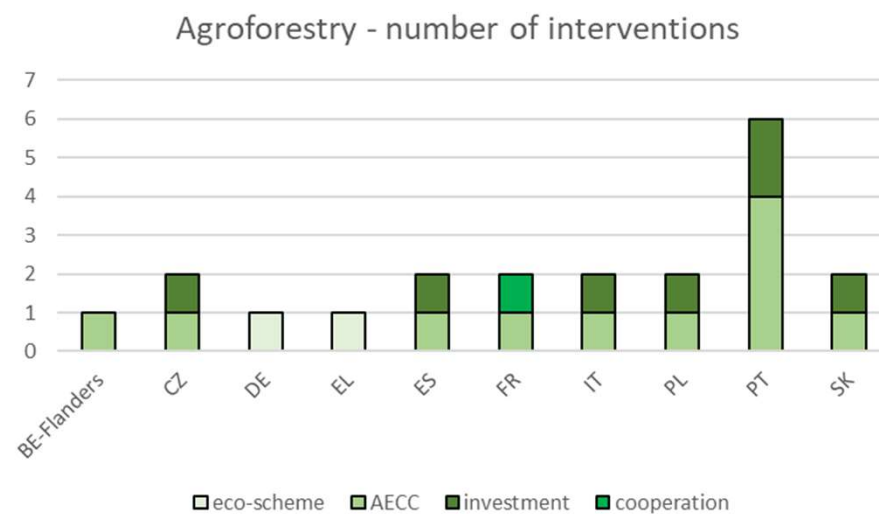
- 7 eco-schemes and 17 agri-environment and climate commitments (AECC)
  - Maintenance or conservation of wetlands
  - Paludiculture
  - Maintenance of/conversion to grassland on peat soils
- 8 investments for wetland restoration
- 2 cooperation interventions



# Agroforestry

10 Member States planned 21 interventions supporting agroforestry:

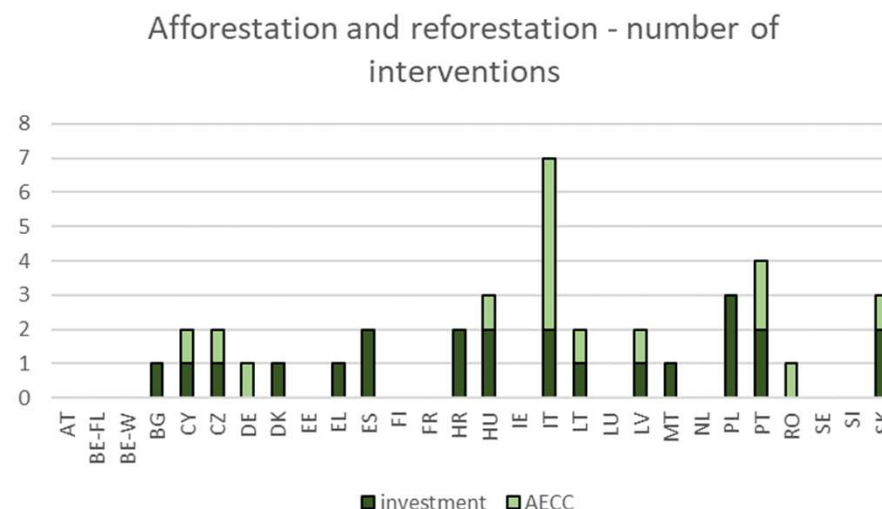
- 2 eco-schemes (DE and EL), and
- 11 AECC to support maintenance
- 7 investments to support establishment of agroforestry systems
- 1 cooperation (FR)



# Afforestation and reforestation

17 Member States planned 38 interventions supporting afforestation and reforestation

- 15 AECC supporting maintenance / management / conservation
- 23 investment interventions supporting establishment

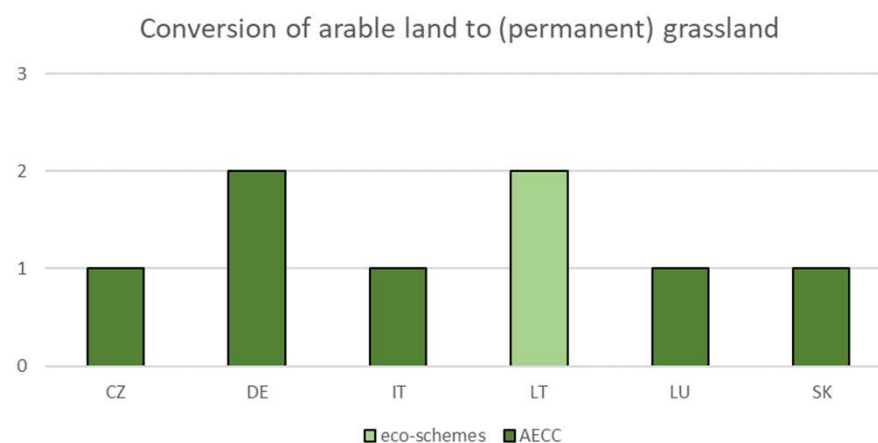




# Conversion of arable land to (permanent) grassland

6 Member States planned 8 interventions:

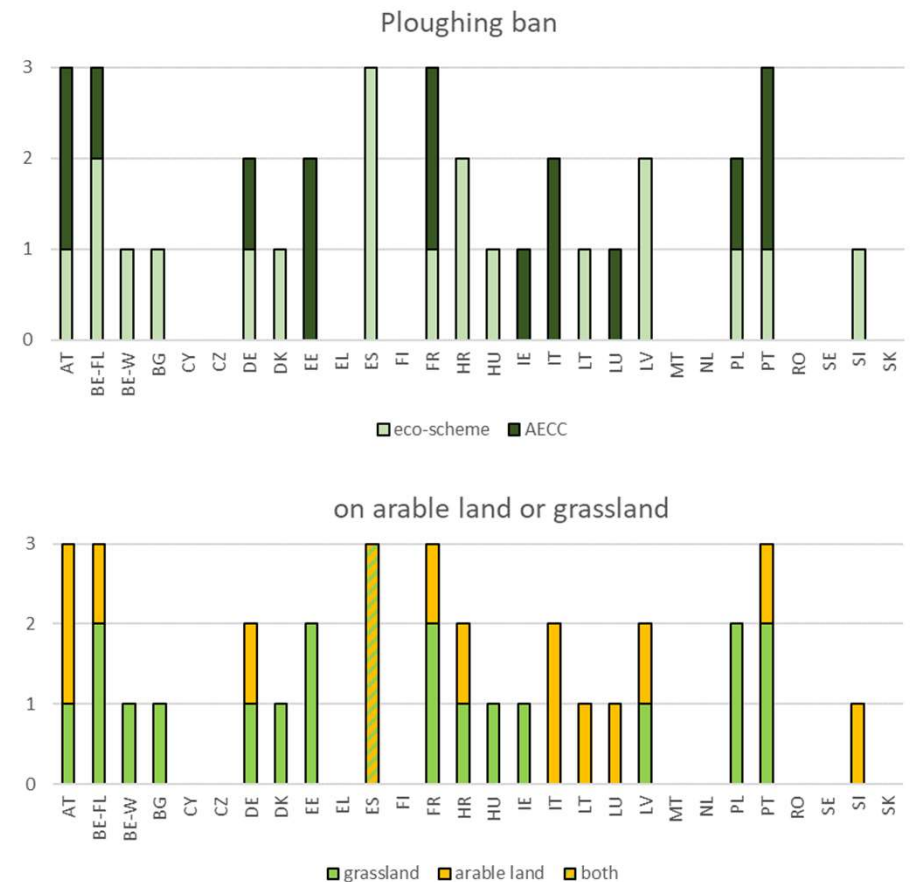
- 2 eco-schemes (LT)
- 6 AECC (CZ, DE, IT, LU and SK)



# Ploughing ban on grassland and/or arable land

19 CSP planned 35 interventions supporting a ban on ploughing:

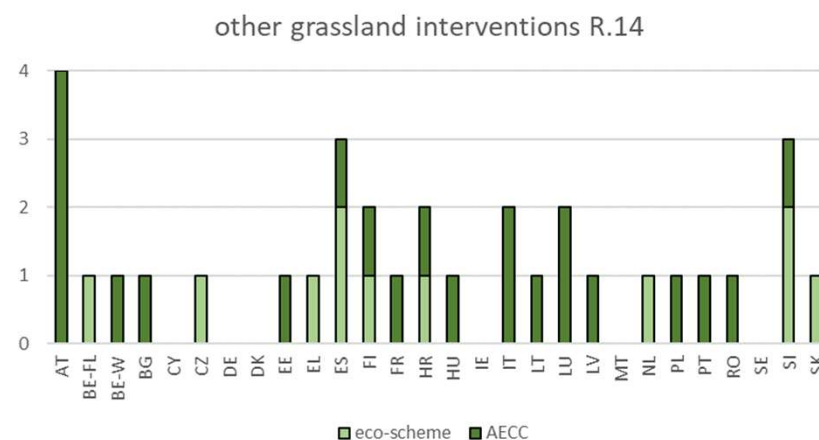
- 19 eco-schemes
- 16 AECC



# Maintenance of (permanent) grassland

22 CSPs planned 33 interventions

- 11 eco-schemes and 22 AECC:
  - Extensive grazing
  - Nature/Biodiversity-promoting management



# Conclusion

- 35% under R.14 at EU level
- Different practices supported, and different types of interventions used
- But there are also financial resources and area outside CAP
- LULUCF targets – art. 120
- Result-based interventions missing
  - Monitoring, reporting and verification of CO2 eq
  - Permanence of sequestered carbon

# Thank you



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