

EU SOIL DAY

#EUsoilDay

**Título: Overview of possible action
under CAP 2023-2027**

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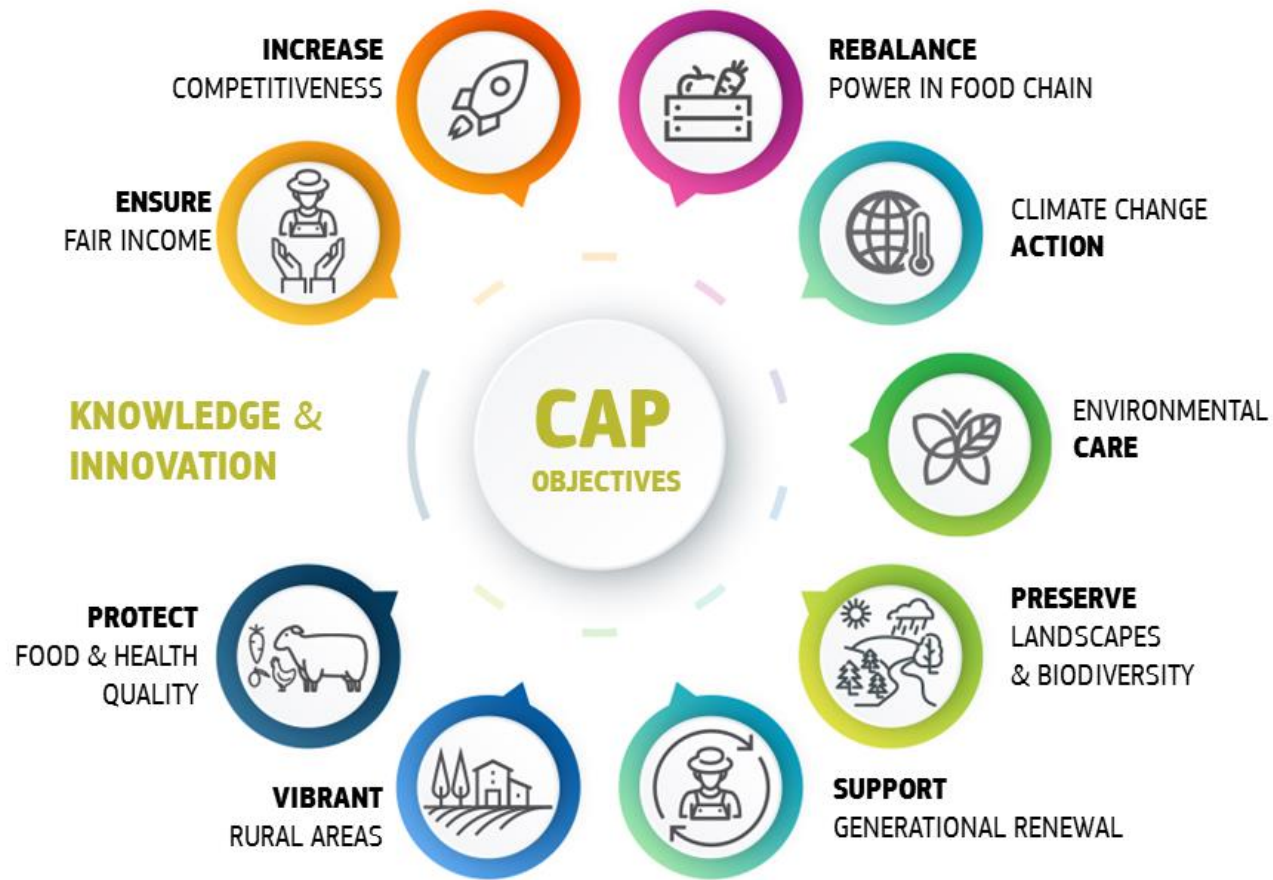
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#EUsoilDay



CAP – Specific Objectives on environment and climate



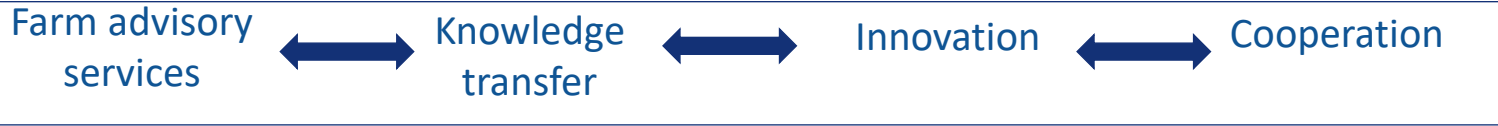
(d) to contribute to climate change mitigation and adaptation, including by reducing greenhouse gas emissions and enhancing carbon sequestration, as well as to promote sustainable energy

(e) to foster sustainable development and efficient management of natural resources such as water, soil and air, including by reducing chemical dependency;

(f) to contribute to halting and reversing biodiversity loss, enhance ecosystem services and preserve habitats and landscapes;

Green architecture

AKIS



Sectoral interventions

Other national rules and funding

| | |
|--|---|
| Eco-schemes 24 % of DP 158 ES | AECC /ANC/ASD/Investments 48% of EAFRD Climate change: 187 Natural resources: 209 Biodiversity: 270 |
|--|---|

All area and animal – based support, subject to enhanced conditionality
89% of the UAA

Voluntary
Mandatory

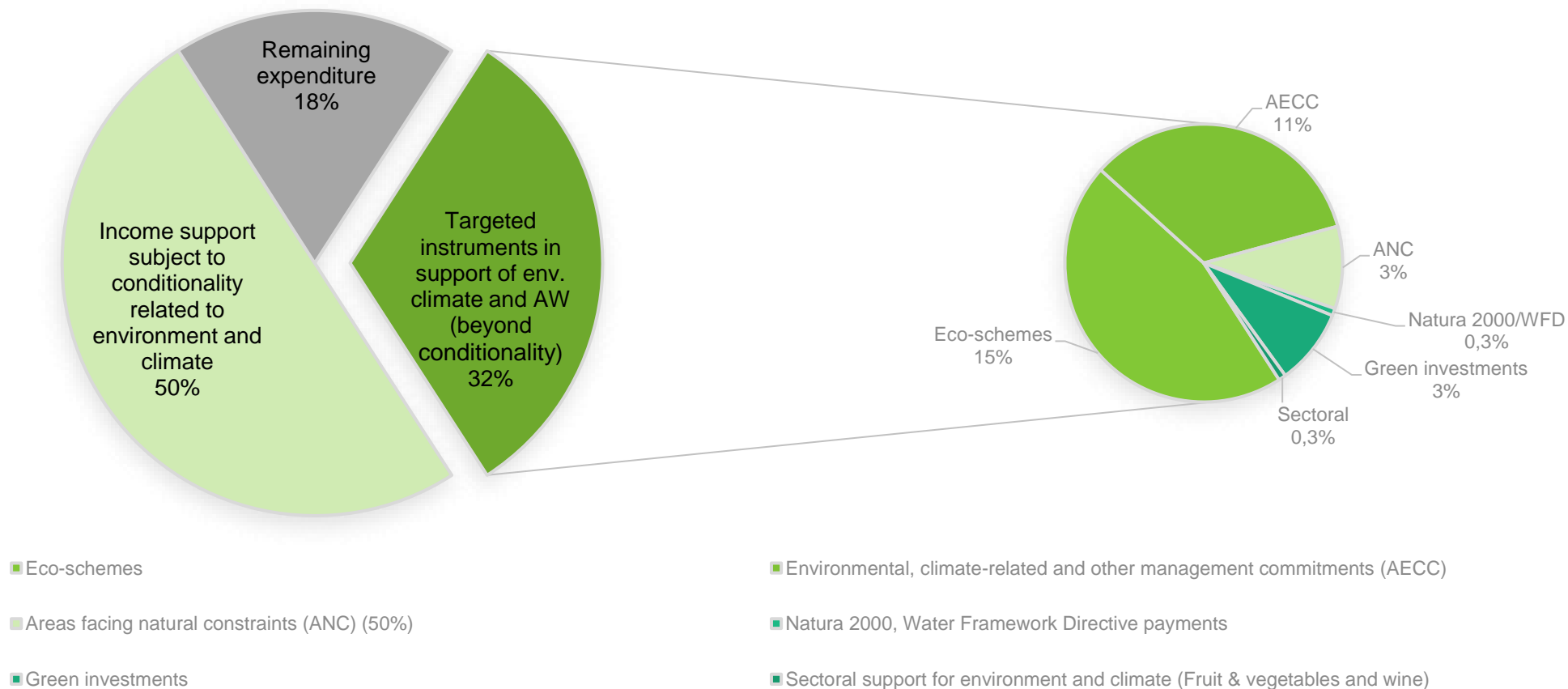
Relevant EU legislation (SUD Directive) & EU funding

Definitions: agroforestry systems and landscape features



Key financial information (public expenditure)

CAP public expenditure contributing to protection of environment, climate and animal welfare (EAGF, EAFRD and national funds), %, 2023-2027



Conditionality: Annex III - list of GAEC



CLIMATE CHANGE
ACTION

Climate change

- **GAEC 1:** Maintenance of **permanent grassland** based on a ration PG/agricultural area (at national, regional, sub-regional, holding level) **(G)**
- **GAEC 2:** Protection of **wetland and peatland (New)**
- **GAEC 3:** **Ban on burning** arable stubble, except for plant health reasons **(X-C)**

Water

- **GAEC 4:** Establishment of **buffer strips** along water courses [minimum width of 3 meters] **(X-C)**



NATURAL
RESSOURCES

Soil

- **GAEC 5:** **Tillage management** reducing soil erosion risk with slope consideration **(X-C)**
- **GAEC 6:** **Minimum soil cover** to avoid bare soil in **periods that are most sensitive (X-C)**
- **GAEC 7:** **Crop rotation** in arable land, except for crops growing under water **(G)**

Biodiversity and landscapes

- **GAEC 8:** Minimum **share of agricultural area [arable land] devoted to non-productive areas or features**, retention LF, ban cutting hedges/trees during bird rearing season **(G)**
- **GAEC 9:** **Ban on converting or ploughing permanent grassland designated as environmentally-sensitive** in Natura 2000 sites **(G)**



PRESERVE
LANDSCAPES &
BIODIVERSITY



European
Commission

GAEC 6 implementation choices for arable land - sensitive periods and coverage

| Features | | MS | No of CSPs |
|--|---|--|------------|
| Main sensitive period for arable land | Some or all of winter (and possibly autumn) | AT, BE-FL, BE-WA, DE, DK, EE, EL, HR, IT, CY, LV, LT, LU, MT, NL, PL, PT, SI, FI | 19 |
| | Autumn (Sep-Nov) | IE, FR, SE | 3 |
| | During summer | ES, HU, RO | 3 |
| | Summer and autumn | BG, CZ, SK | 3 |
| CSPs that set more than one sensitive period* | | BE-FL, BE-WA, BG, CZ, DE, DK, HR, IT, NL, SK, FI | 11 |
| Different sensitive period for permanent crops | | CZ, FR | 3 |
| *E.g. for areas with certain slope or certain soil type | | | |
| Coverage on arable land | At least 80% | AT, BE-FL, BE-WA, BG, CZ, DE, DK, EL, IE, ES, FR, HR, IT, CY, LU, HU, MT, NL, PL, PT, RO, SI, SK | 23 |
| | Less | EE, LV, LT, FI, SE | 5 |
| Special rule for fallow land | | AT, CZ, DE, ES, LT, LU, NL, FI | 8 |
| Coverage of areas of permanent crops | | AT, BG, CZ, DE, DK, EE, EL, ES, FR, HR, IT, CY, LV, LU, HU, MT, NL, PL, PT, RO, SI, SK, FI | 23 |
| MS having adapted the coverage to take into account shorter vegetation period (lower %) | | DK, EE, LV, LT, FI, SE | 6 |

GAEC 7 Implementation choices

| Features | CSP | No of CSPs |
|---|--|------------|
| Only crop rotation | BE-FL, BE-WA, BG, CZ, DE, DK, EE, EL, FR, HR, IT, CY, LV, LT, LU, HU, MT, NL, PT, RO, SI, SK, FI, SE | 24 |
| Crop rotation with diversification as a combined practice | AT, IE, ES, PL | 4 |
| Practice ensuring that a significant share of arable land at holding level is rotated every year (by requiring a minimum percentages at holding level) | All but IE, ES and PT | 25 |
| Practice ensuring a change of main crop after maximum three year or in some cases allowing, as an alternative, to have secondary crops on the area every year | All but ES, FR, HR and MT | 28 |
| Use of secondary crop (either as a general requirement or in special situations) | All but AT, CY, LV, SK and FI | 23 |
| Special requirements for certain crops (or situations) | AT, BE-FL, BE-WA, CZ, DE, DK, IE, FR, IT, HU, PT, FI, SE | 13 |
| Exemption in certain regions: Crop diversification | IE, FR and NL | 3 |
| Use of the exemption(s) from GAEC 7 for (i) farms with <10 hectares of arable land; (ii) holdings with >75% of temporary grassland/fallow; (iii) >75% of permanent grassland. | All except EE that apply exemption (i); All except NL apply exemptions (ii) and (iii) | 28 |

CAP green architecture for soils

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Eco-schemes : 96 (compared with a total of 158- 60 %)

Agro-environment-climate commitments: 108 (compared with 392- 27 %)

- Crop rotation/diversification including leguminous
- Cover and catch crops
- Intercropping
- No tillage and reduced tillage/ACS
- Soil amendment practices
- Manure management techniques
- Agroforestry
- Grassland (preservation or establishment)
- landscape features or vegetative strips (erosion)
- Organic farming systems

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Conditionality – Good agriculture and environmental conditions (GAEC)

- **GAEC 5:** Tillage management, reducing the risk of soil degradation and erosion, including consideration of the slope gradient
- **GAEC 6:** Minimum soil cover to avoid bare soil in periods that are most sensitive
- **GAEC 7:** Crop rotation in arable land, except for crops growing under water

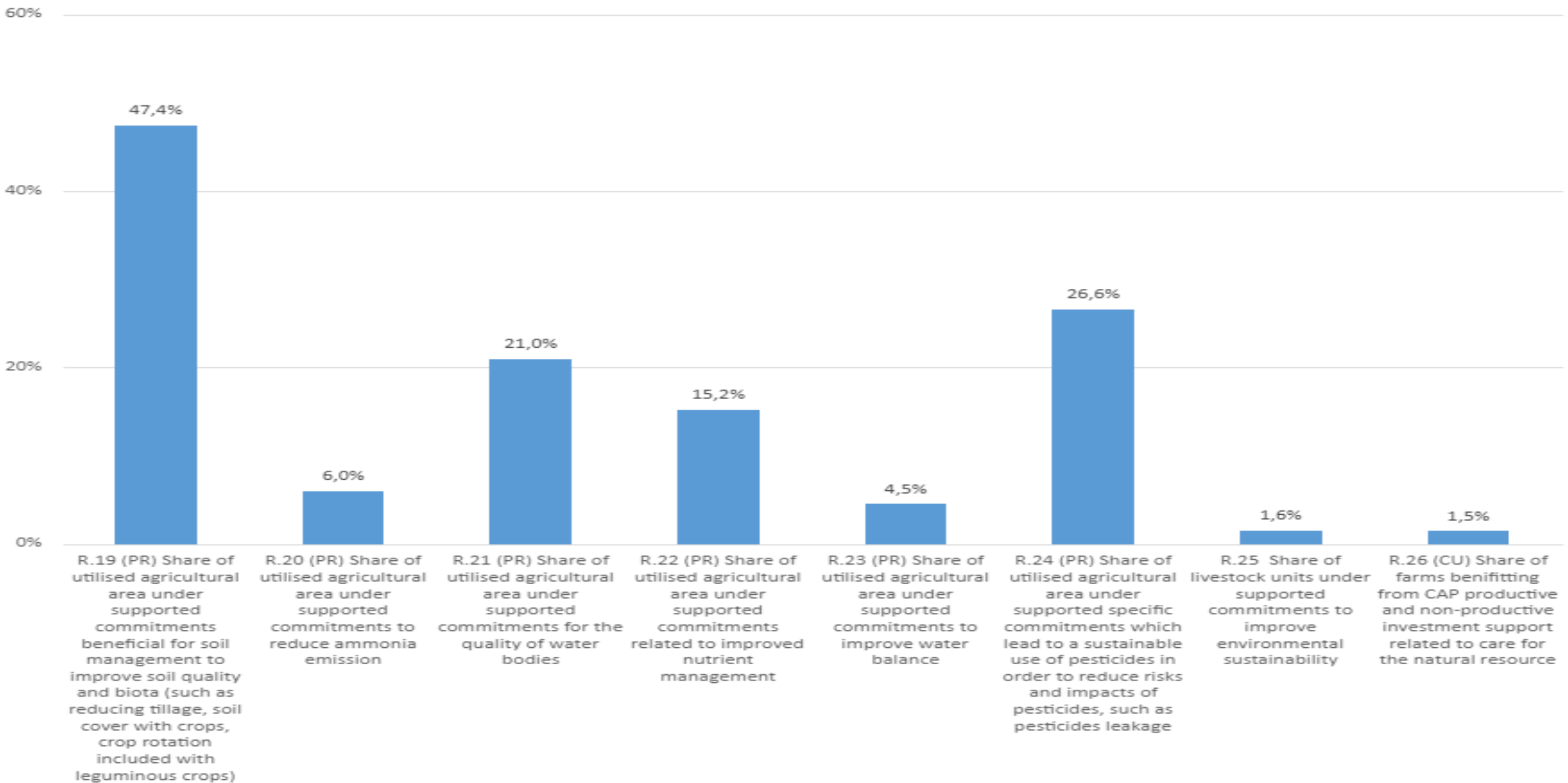
FaST – farm nutrient tool

Cooperation and advice

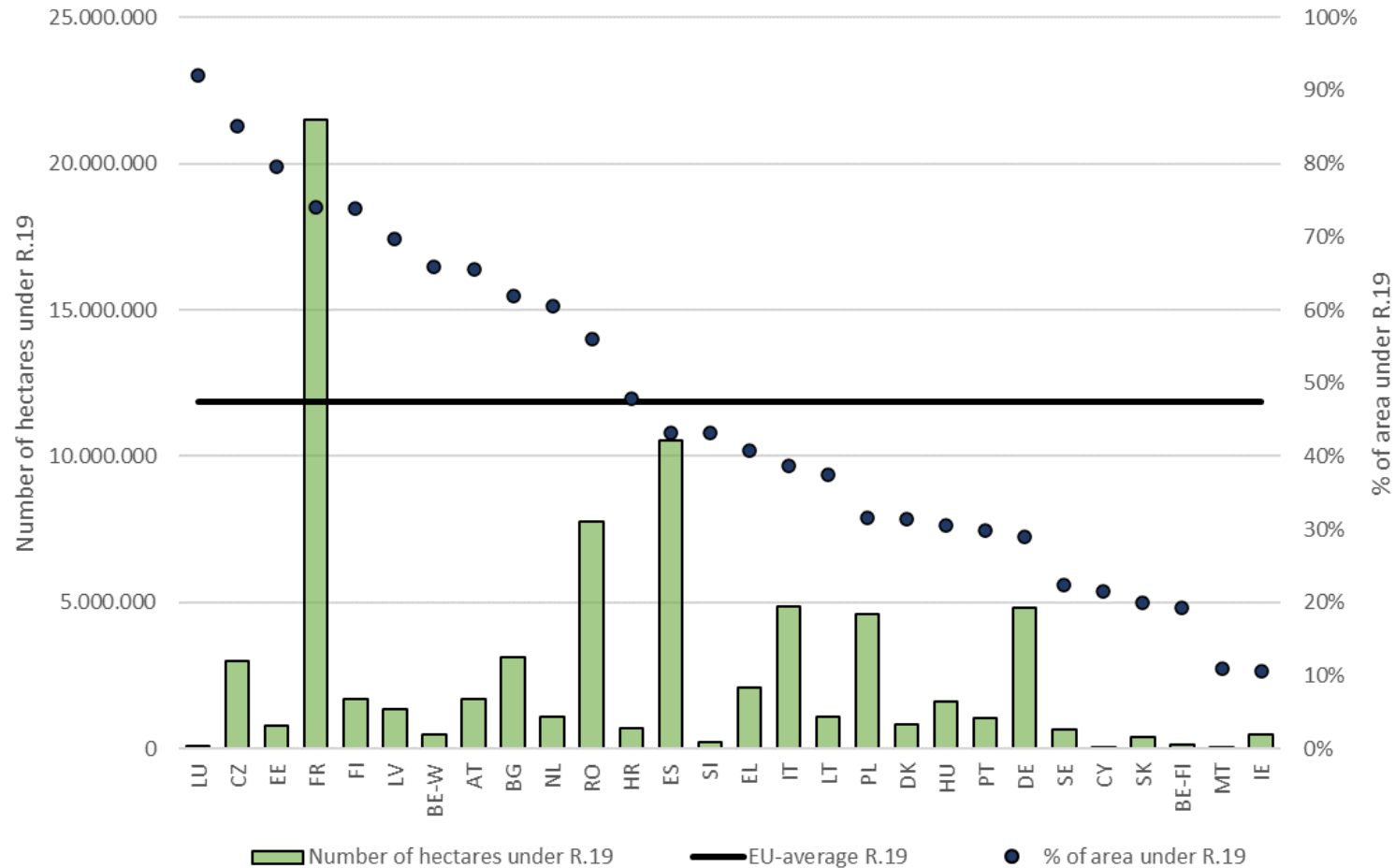
Research



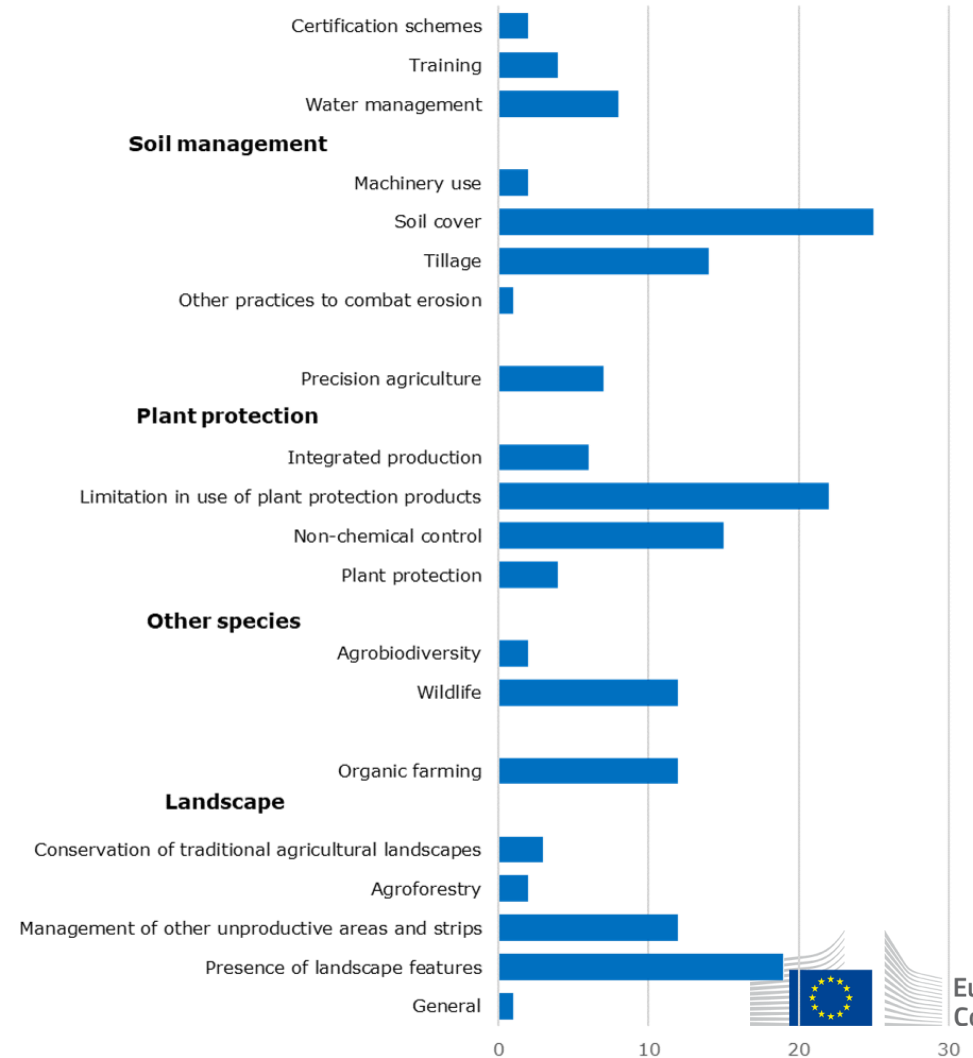
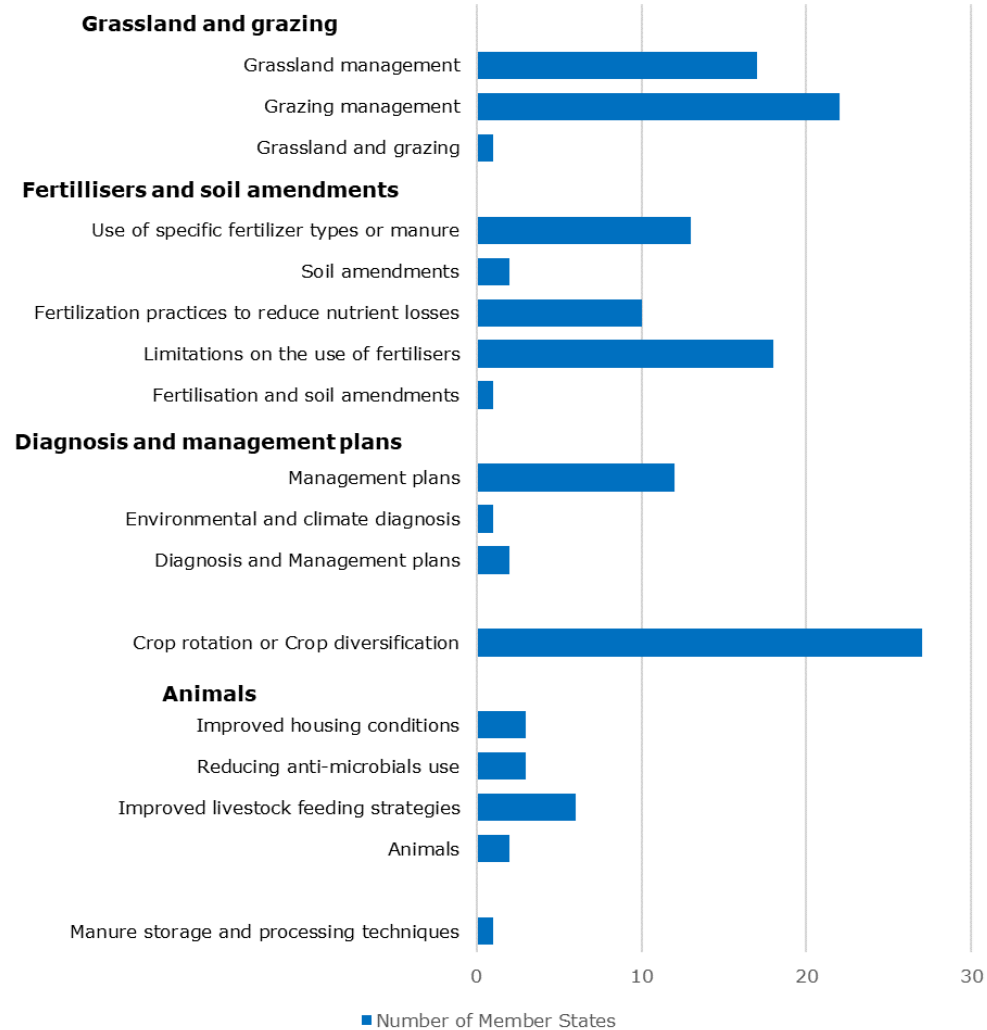
Natural resources – key targets (beyond conditionality) EU-27



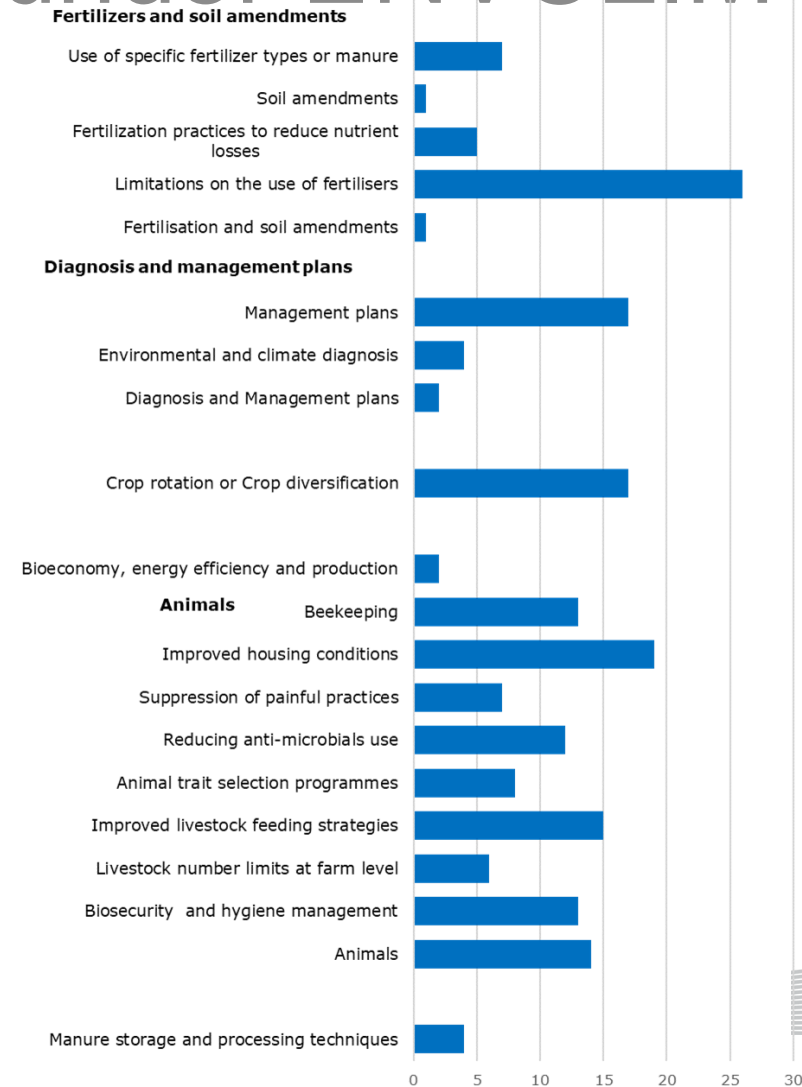
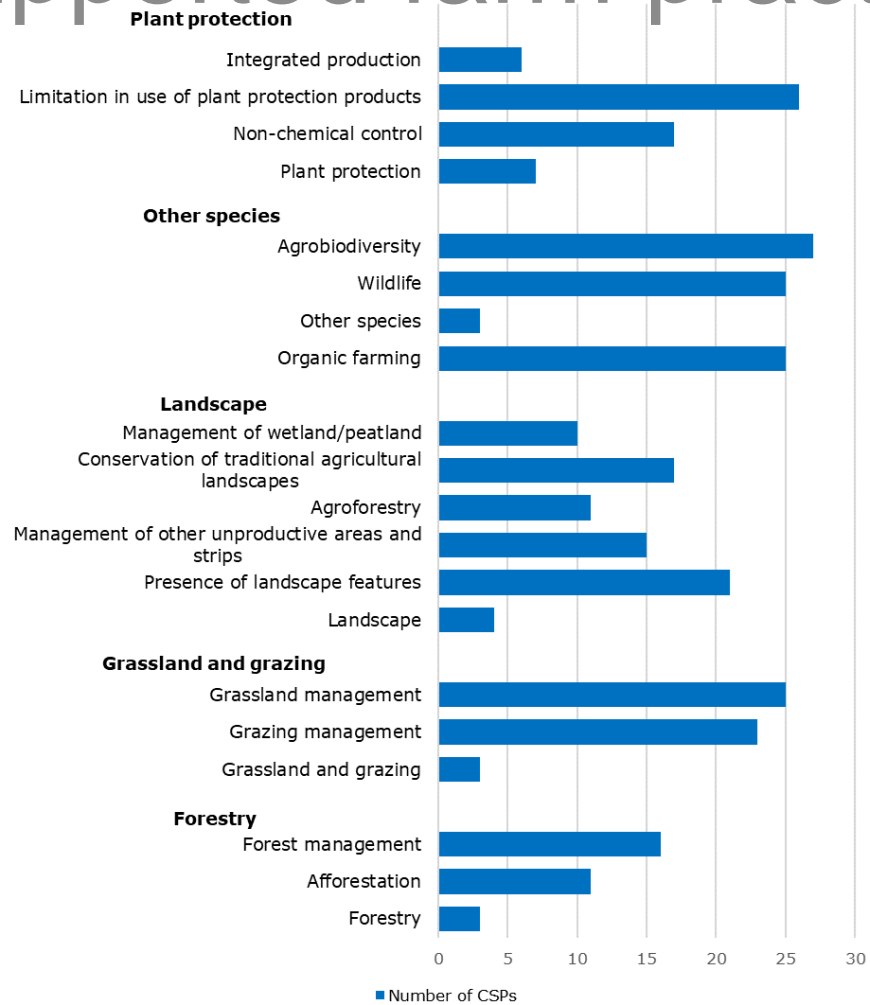
Target value fo result indicator 19: soil improvement



Supported farm practices under Eco-schemes



Supported farm practices under ENVCLIM



Conclusions

- The current CAP offers relevant instruments to prevent soil degradation;
- A preliminary mapping of CAP strategic plans provides a 1st overview and allows identifying good approaches, but still to be further assessed;
- Better soil monitoring across EU should improve the assessment of the impact of CAP instruments and further identify the needs for soil protection
- For the next programming period, depending on the results of soil monitoring, existing instruments may be still used but they can be further adapted and targeted in relation with the variety of soil types, the specific climatic conditions

Further analysis and reporting steps ...

- Internal analysis
 - Catalogue of intervention: classification per practices (JRC support)
 - Thematic fiches
- Reports to EP and Council
 - Annually, discharge procedure: 25 core set of indicators, Output, Result and Impact indicators of Annex XII
 - By 31/12/2023 on MS CAP Plans, describing the joint efforts of MS towards EU cap Green Deal targets and CAP objectives
 - By 31/12/2025 on the operation of the NDM by the MS and combined contribution of MS strategic plans' interventions to achieve environmental and climate commitments of the Union
 - By 31/12/2027 on the first results on the performance of the CAP (interim evaluation)
 - By 31/12/2031 on the performance of the CAP (ex-post evaluation)

Thank you!

