

Soil and Agriculture

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**#Futureof
CAP**

THE GREEN DEAL AND THE CAP 2021-2027

A SHIFT FROM COMPLIANCE TO

PERFORMANCE

EU targets under the Green Deal strategies (Farm to Fork and Biodiversity) to be reached by 2030 refer to SOIL from several point of view:

Soil quality

- 25% of EU agricultural land under organic farming
- reduce overall use and risk of chemical pesticides by 50% and the use of more hazardous pesticides by 50%
- reduce nutrient losses by at least 50%, while ensuring no deterioration in soil fertility

Farmland biodiversity:

- at least 10% of agricultural area under high-diversity landscape features



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A SHIFT FROM COMPLIANCE TO

A stronger focus on policy coherence and governance

PERFORMANCE

Not only targets: a number of initiatives are foreseen to enable the strategies, including on the side of better analysis and diagnostic systems

INDICATORS



The tools for the next period:

- **AGRIVIEW data warehouse**
- **Dashboards**

https://agridata.ec.europa.eu/extensions/DataPortal/cmef_indicators.html

- **Analytical factsheets by MS** https://ec.europa.eu/info/food-farming-fisheries/farming/facts-and-figures/performance-agricultural-policy/agriculture-country/cap-specific-objectives-country_en

- **Recommendations to MSs**



Context and Impact indicators

1 October 2020

Context and Impact indicators

	Impact Indicator code	Context Indicator Code		Indicator name	
		PMEF	CMEF (current)		
				schemes	
Biodiversity	I.18	C.35	C.35	Farmland birds index (FBI)	
	I.19	C.36		Percentage of species and habitats of Community interest related to agriculture with stable or increasing trends	
Water	I.17	C.37		Water use in agriculture	
	I.15	C.38		Water quality	
		C.40			Gross nutrient balance – nitrogen
			C.40		
I.16			Nitrates in ground water		
Soil	I.11	C.39	C.41	Soil organic carbon in agricultural land	
	I.13	C.40	C.42	Soil erosion by water	
Energy	I.12	C.41	C.43	Production of renewable energy from agriculture and forestry	
		C.42	C.44	Energy use in agriculture, forestry and food industry	
Climate	I.10	C.43	C.45	Greenhouse gas emissions from agriculture	
	I.9	C.44		Agricultural sector resilience progress indicator	

CAP Indicators

The Common Monitoring and Evaluation Framework (CMEF) for the CAP 2014-2020 identifies a set of performance indicators in four categories: context, output, result, and impact. The indicators are combined with further information (such as on trade and quality schemes) into 12 thematic presentations at EU and Member States level.

Context indicators provide information on agricultural and rural statistics as well as general economic and environmental trends. Some of this information drills down to regional level (NUTS 2-3).

Thematic Indicators

Context Indicators



Socio-economic indicators

- C01 Population
- C02 Age structure
- C03 Territory
- C04 Population density
- C05 Employment rate (*)
- C06 Self-employment rate
- C07 Unemployment rate
- C08 GDP per capita (*)
- C09 Poverty rate (*)
- C10 Structure of the economy
- C11 Structure of the employment
- C12 Labour productivity by economic sector



Sectoral indicators

- C13 Employment by economic activity
- C14 Labour productivity in agriculture
- C15 Labour productivity in forestry
- C16 Labour productivity in the food industry
- C17 Agricultural holdings (farms)
- C18 Agricultural area
- C19 Agricultural area under organic farming
- C20 Irrigated land
- C21 Livestock units
- C22 Farm labour force
- C23 Age structure of farm managers
- C24 Agricultural training of farm managers
- C25 Agricultural factor income (*)
- C26 Agricultural entrepreneurial income (*)
- C27 Total factor productivity in agriculture (*)
- C28 Gross fixed capital formation in agriculture
- C29 Forest and other wooded land (FOWL)
- C30 Tourism infrastructure



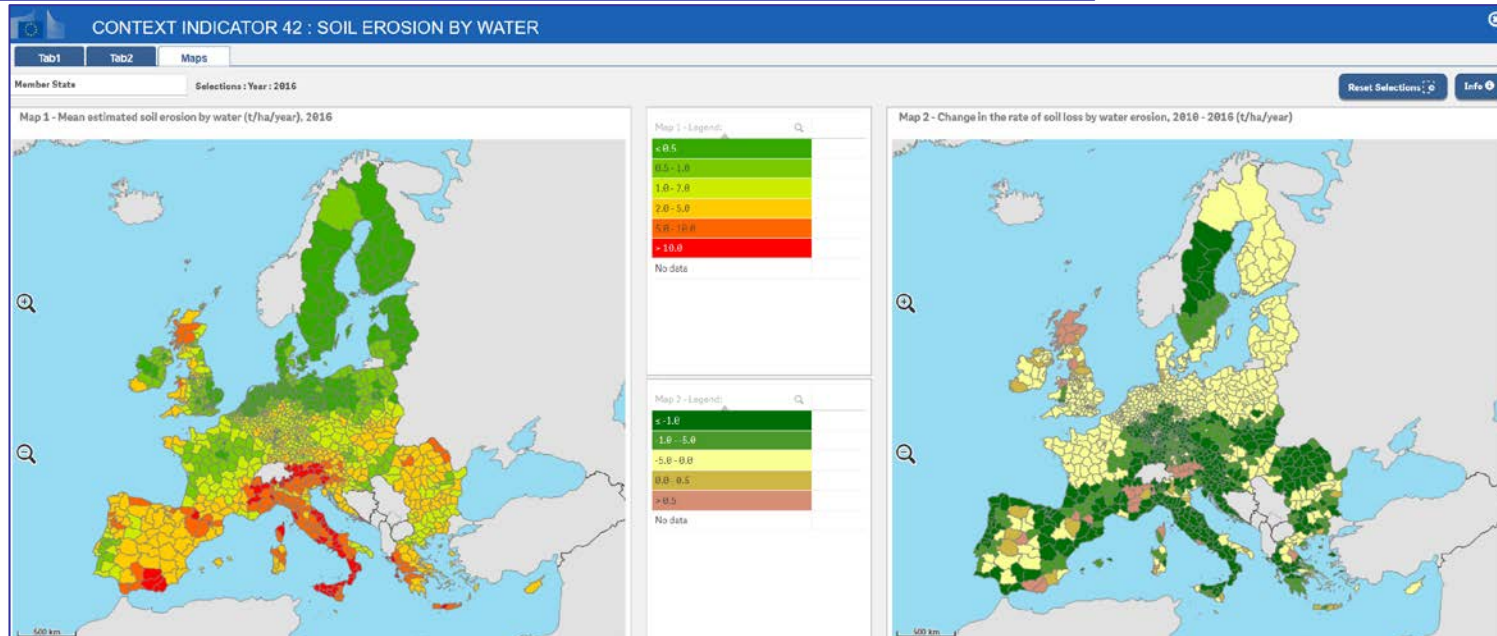
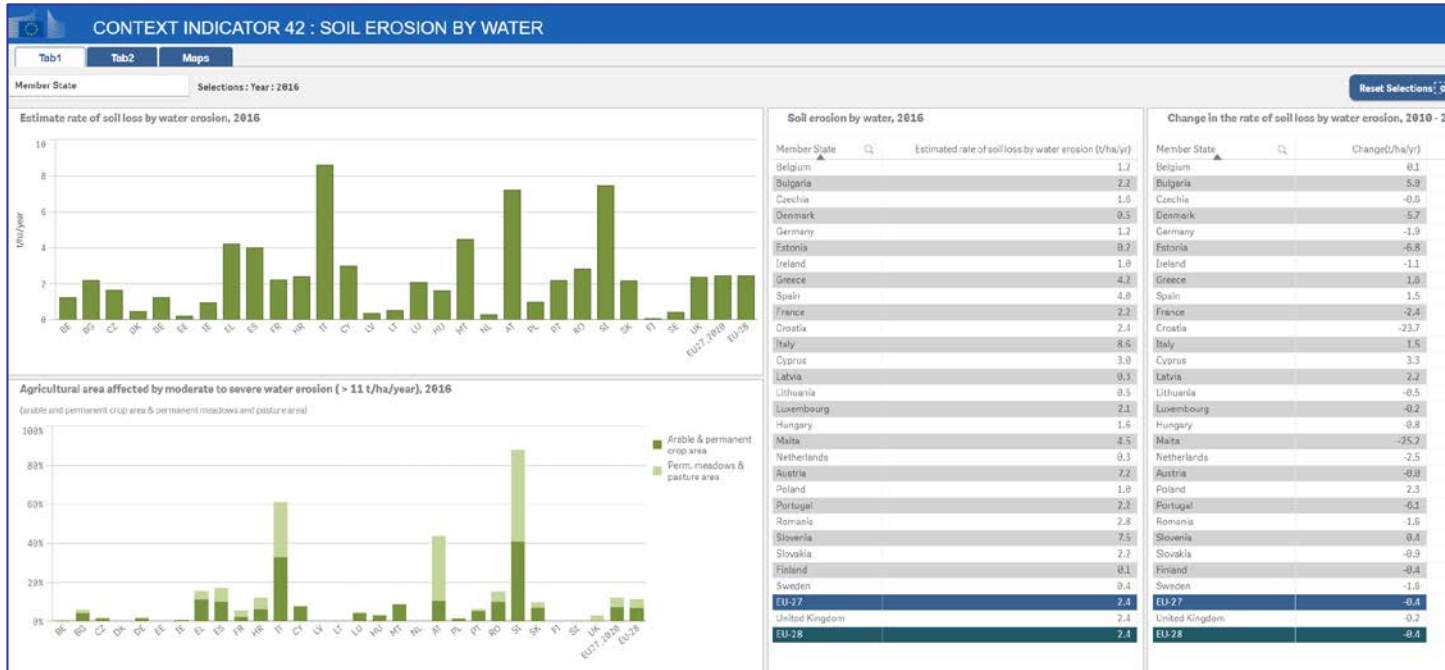
Environmental indicators

- C31 Land cover
- C32 Areas facing natural and other specific constraints (ANCs)
- C33 Farming intensity
- C34 Natura 2000 areas
- C35 Farmland birds index (FBI) (*)
- C36 Conservation status of agricultural habitats (grassland)
- C37 HNV (high nature value) farming (*)
- C38 Protected forest
- C39 Water abstraction in agriculture (*)
- C40 Water quality (*)
- C41 Soil organic matter in arable land (*)
- C42 Soil erosion by water (*)
- C43 Production of renewable energy from agriculture and forestry
- C44 Energy use in agriculture, forestry and food industry
- C45 Emissions from agriculture (*)

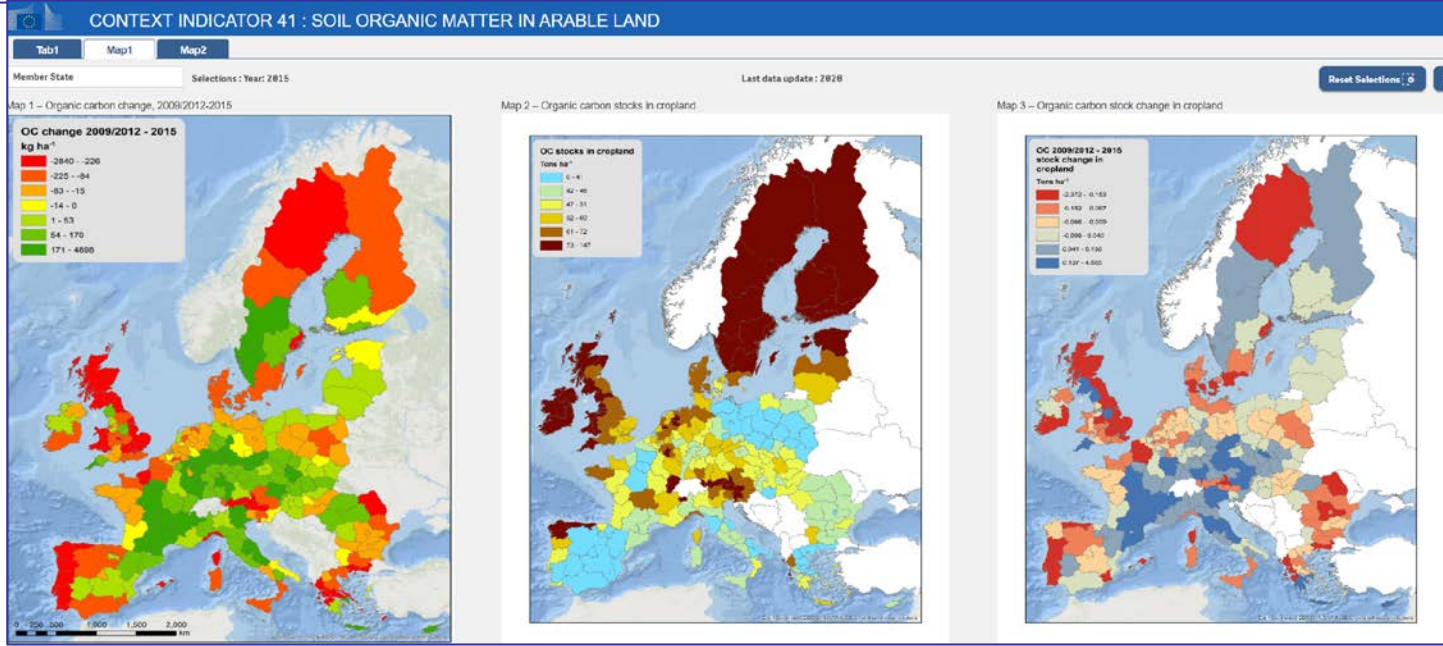
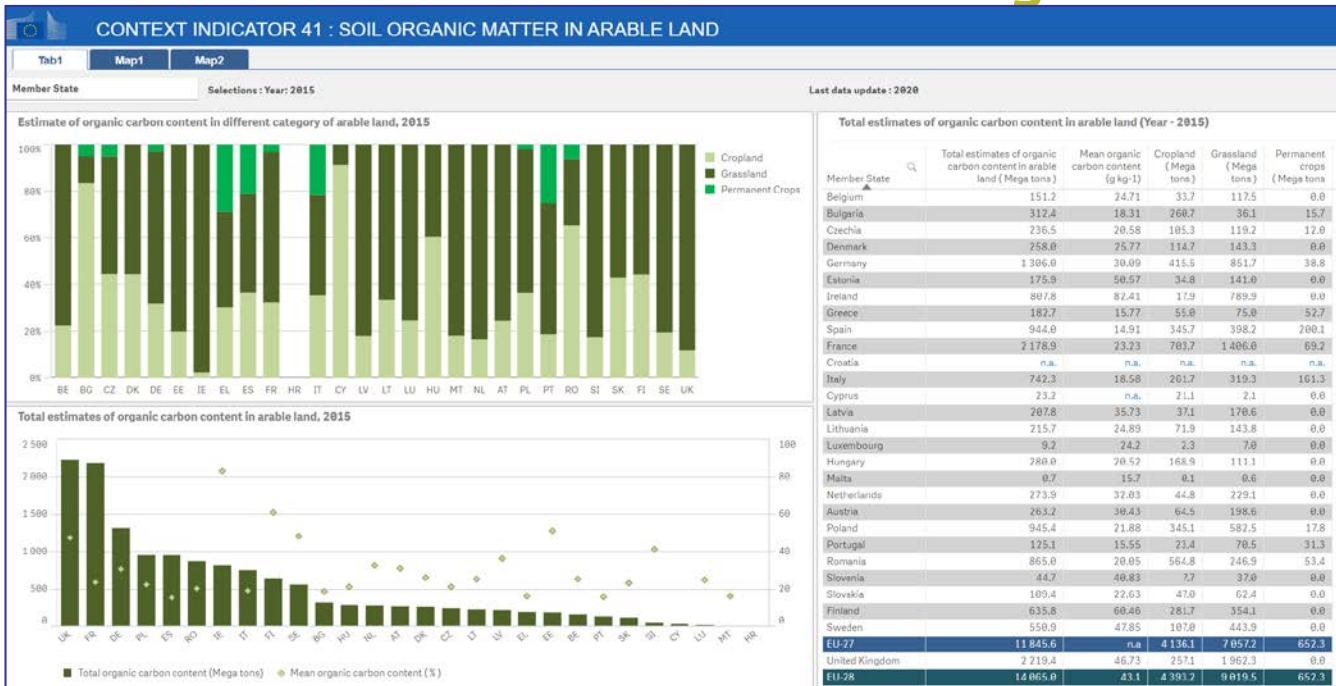
Context indicators that incorporate CAP impact indicators are marked with an asterisk (*)

Context Indicators Dashboards

C42/C40 - Soil erosion by water



C43/C41 - Soil organic content

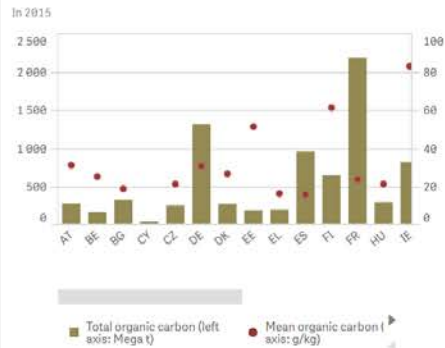


CMEF Indicators – THEMATIC dashboards combining different indicators on SOIL

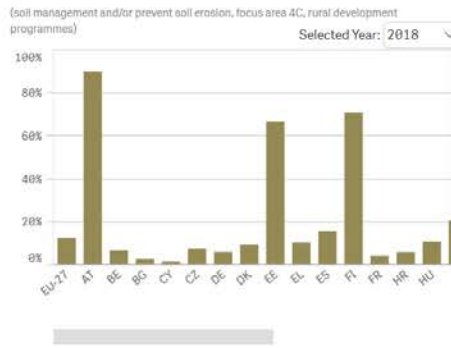
Soil Quality - (EU27) - European Union 27 (excluding UK)

Selected Member State: European Union 27 (excluding UK)

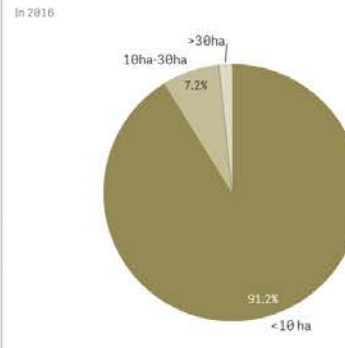
Soil organic matter in arable land (Mega t & g/kg)



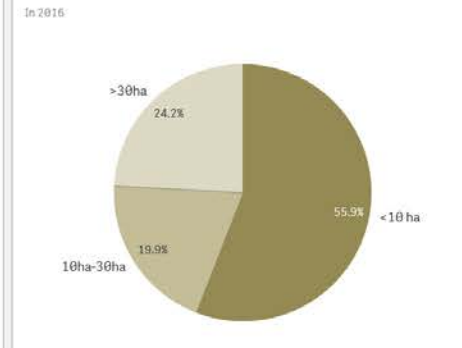
Share of agricultural land under contracts to improve soil (%)



Farms with 1 arable crop by size class (%)



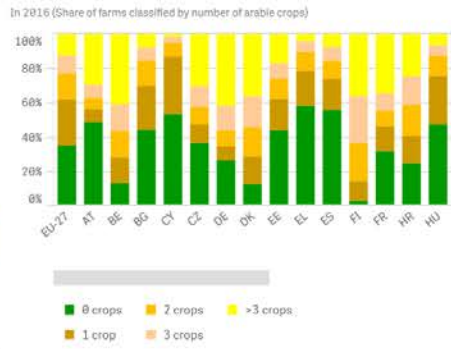
Farms with 3 arable crops or more by size class (%)



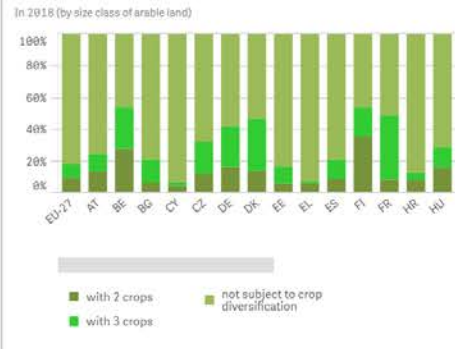
Share of UAA in severe risk of soil erosion by water (%)



Crop diversity on EU farms (%)



Share of CAP beneficiaries subject to crop diversification due to greening (%)



Share of land subject to crop diversification due to greening (%)

