



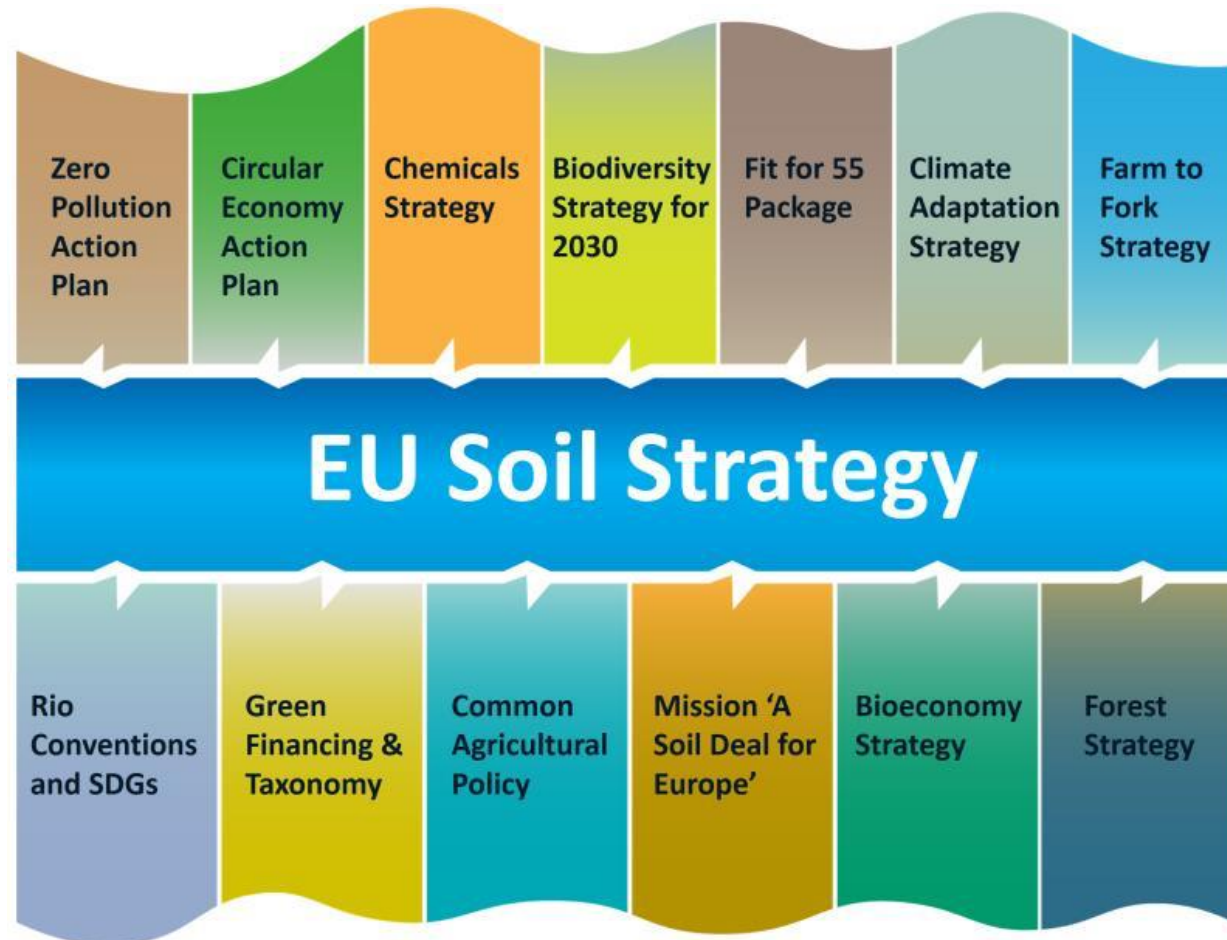
EU Soil Observatory

Healthy soils for healthy food, people, nature and climate
within the European Green Deal



*Luca Montanarella, EC Joint Research Centre
Land Resources Unit*

The EUSO will support the implementation of all soil related objectives of the European Green Deal within the EU Soil Strategy



Actions

To fill the monitoring gap for soil, the Commission will:

- Following an impact assessment, and as part of the Soil Health Law, consider provisions on monitoring soil and soil biodiversity and reporting on the condition of soil, building on existing national and EU schemes, including LUCAS soil module; consider, as part of the impact assessment, providing a legal basis for the LUCAS soil survey to legally anchor the objectives, conditions, funding, access to land, use of data and privacy issues.
- Provide through the LUCAS soil surveys EU-wide harmonised monitoring of the evolution in soil organic carbon content and carbon stocks, complementing Member States' reporting under the LULUCF Regulation.
- Work towards integrating a pollution module in the future LUCAS in 2022 soil survey¹¹⁹ to better understand and map the issue of diffuse soil contamination¹²⁰ in the EU, and produce a clean soil outlook as part of the integrated zero pollution monitoring and outlook framework.
- In implementing the EUSO:
 - Identify, with the contribution of the European joint programme on agricultural soil management¹²¹, soil monitoring gaps, in dialogue with Member States and other key stakeholders
 - Develop a soil dashboard with a set of reliable soil indicators integrating trends and foresight.
 - Develop an EU inventory of soil biota in order to monitor and better understand soil biodiversity.

Brussels, 17.11.2021
COM(2021) 699 final

EU Soil Observatory: Key Objectives



Goal 3: Support to Research & Innovation



Goal 2: Monitoring of soil related policies



Goal 4: Provide an European Soil Forum



Goal 1: EU-Wide Soil Monitoring

EUSO Goal 5: Scientific Debate & Citizen Engagement



- Inclusive and open to all stakeholders:
 - Relevant Commission Services
 - European Agencies
 - International Organizations
 - Member States representatives
 - Farming Associations
 - Industry representatives
 - NGO's
 - Interested citizens

Main elements of the EUSO FORUM



EU4SOILS

- Stakeholder Forum: 19-21 October 2021

<https://ec.europa.eu/jrc/en/event/other-event/euso-stakeholders-forum>

- Setup of dedicated **Working Groups** on specific scientific and policy questions

Thank you for your attention!

luca.montanarella@ec.europa.eu

ec-esdac@ec.europa.eu



EU SOIL
OBSERVATORY

<https://ec.europa.eu/jrc/en/eu-soil-observatory>

