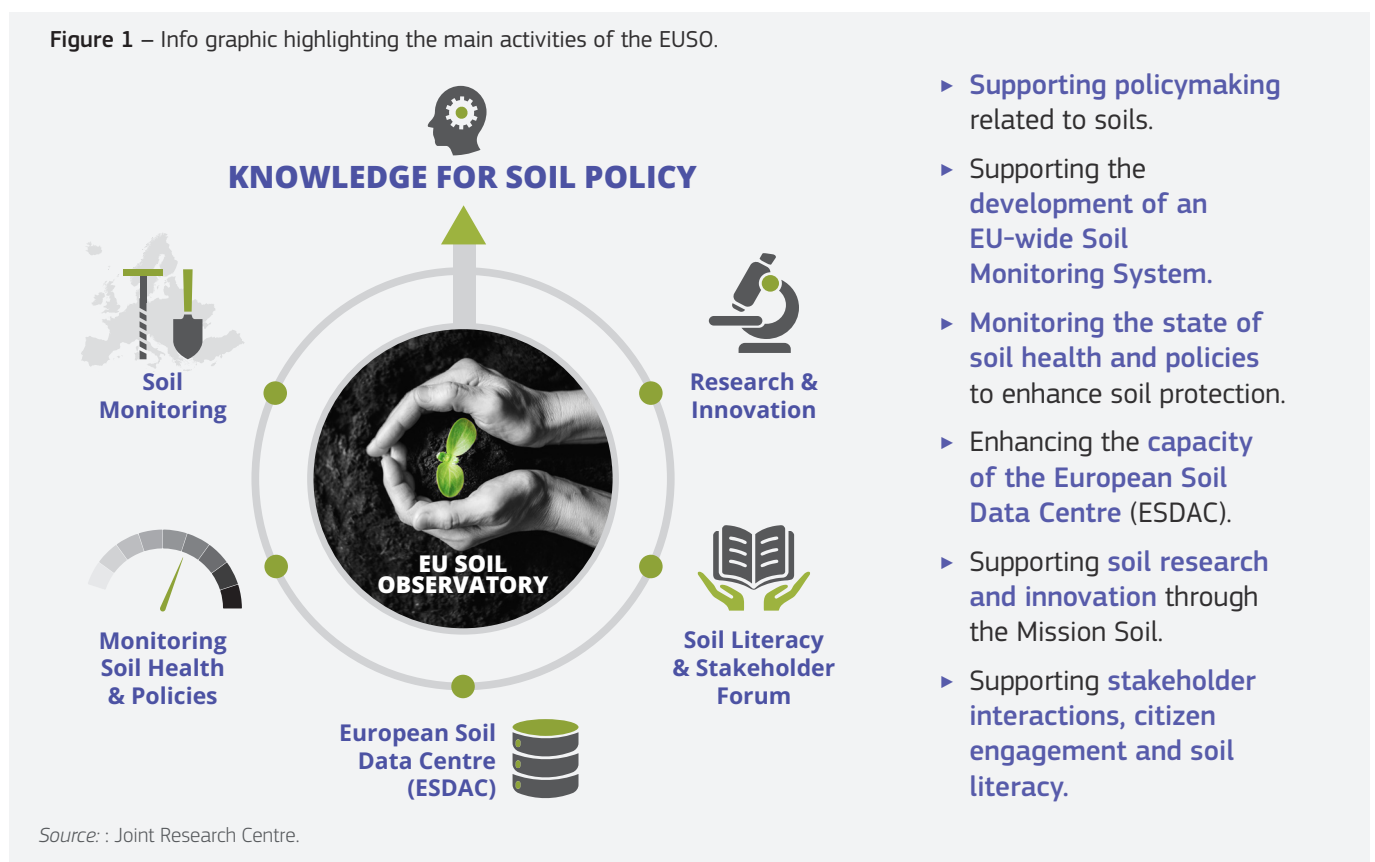


EUSO Activity report 2025

The main goal of the EUSO is to be the **principal provider of knowledge and data on soils to underpin EU soil policy development and implementation** (Figure 1).

Figure 1 – Info graphic highlighting the main activities of the EUSO.



The EUSO and its policy context

Healthy soils are essential for mitigating climate change, providing healthy food and halting the loss of biodiversity. The entry into force of the **Soil Monitoring and Resilience Directive** in December 2025 marked a major milestone for soil protection in the EU.

In addition, the **Mission Soil** is advancing the state of knowledge and data available on soils in the

EU and beyond. Moreover, healthy soils are key for **sustainable prosperity and competitiveness**, one of the European Commission's priorities for 2024-2029.

Given this context, the main objective of the EUSO is to provide the European Commission and other relevant stakeholders with the **knowledge and data needed to monitor, safeguard and restore soils at the EU-level**.

EUSO's activities and outcomes in 2025



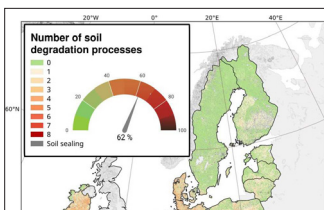
Supporting soil policy

The EUSO provided [policy support](#) to a wide range of soil related areas. This includes supporting the legislative process and implementation of the [Soil Monitoring and Resilience Directive](#), entered into force in 2025. The EUSO also provided support to the [Carbon Removals and Carbon Farming Regulation](#), the [Mission Soil](#) and the [4 per 1000 initiative](#), among others.



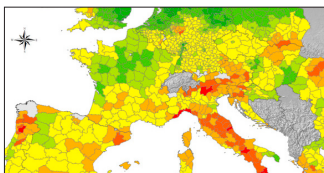
EU-wide soil monitoring

The EUSO coordinates the [LUCAS Soil Module](#), currently the only EU-wide harmonised and regular provider of soil data. In 2025, the EUSO processed interim data of the LUCAS Soil Module 2022. Complete results are expected in 2026.



Monitoring soil health and soil policies

The [EUSO Soil Degradation Dashboard](#) was updated in 2025. It is a unique tool to monitor and report on the state of soil degradation at the EU-level, showing that ca. 60% of the EU-soils are currently degraded. In addition, the EUSO updated the [EU Soil Strategy Actions Tracker](#), showing that almost 75% of the actions listed in the EU Soil Strategy for 2030 are completed.



Enhancing the functionality of the European Soil Data Centre

The [European Soil Data Centre \(ESDAC\)](#), a core part of the EUSO, is the leading web platform for sharing data and knowledge on EU soils. ESDAC has grown significantly in 2025, with [15 new datasets](#) and over 14 000 downloaded datasets.



Supporting soil research and innovation

The EUSO published [55 scientific papers](#) and [10 technical reports](#). In addition, the EUSO was actively involved in the soil monitoring elements of the Mission Soil and worked closely with numerous Mission Soil projects.



Supporting stakeholder interactions and soil literacy

The EUSO organised activities to support stakeholder interactions and citizen engagement regarding soils. Highlights include the [5th EUSO Stakeholders Forum](#) and the [Soil Literacy Workshop](#). The main communication tool is the [EUSO monthly newsletter](#), send to over 13 000 subscribers.



Science for policy

Scan the QR code to visit:
[Joint Research Centre](#)
<https://joint-research-centre.ec.europa.eu>

CONTACT INFORMATION

European Commission, Joint Research Centre (JRC)
Contact: Arwyn Jones,
E-mail: EC-ESDAC@ec.europa.eu
Web: <https://esdac.jrc.ec.europa.eu/euso>