

Towards climate-smart sustainable management of agricultural soils

Soil matters

Our existence depend on fertile and productive soils. Healthy soils provide a stable supply of food, clean water, fiber, animal feed, timber and clean water. Sustainable management is key for soil health.

The overall goal of the EJP SOIL is to build a sustainable European integrated research system and develop and deploy a reference framework on climate-smart sustainable agricultural soil management.

Photo: José Luis Gabriel, INIA

WHY EJP SOIL?

Soil sustains a huge biodiversity and contributes to the provision of a wide range of ecosystem services and as the largest store of carbon on land.

However, soil is a limited resource and is fragile. Climate change calls for European agriculture to adapt to and become more resilient to extreme events.

Improved knowledge and farming practices are fundamental to address these challenges. Actions in stopping the damages are dependent on societal, scientific, policy, economic and educational capacities.

EJP SOIL goal is to improve understanding of agricultural soil management by finding synergies in research, strengthening research communities and raising public awareness.

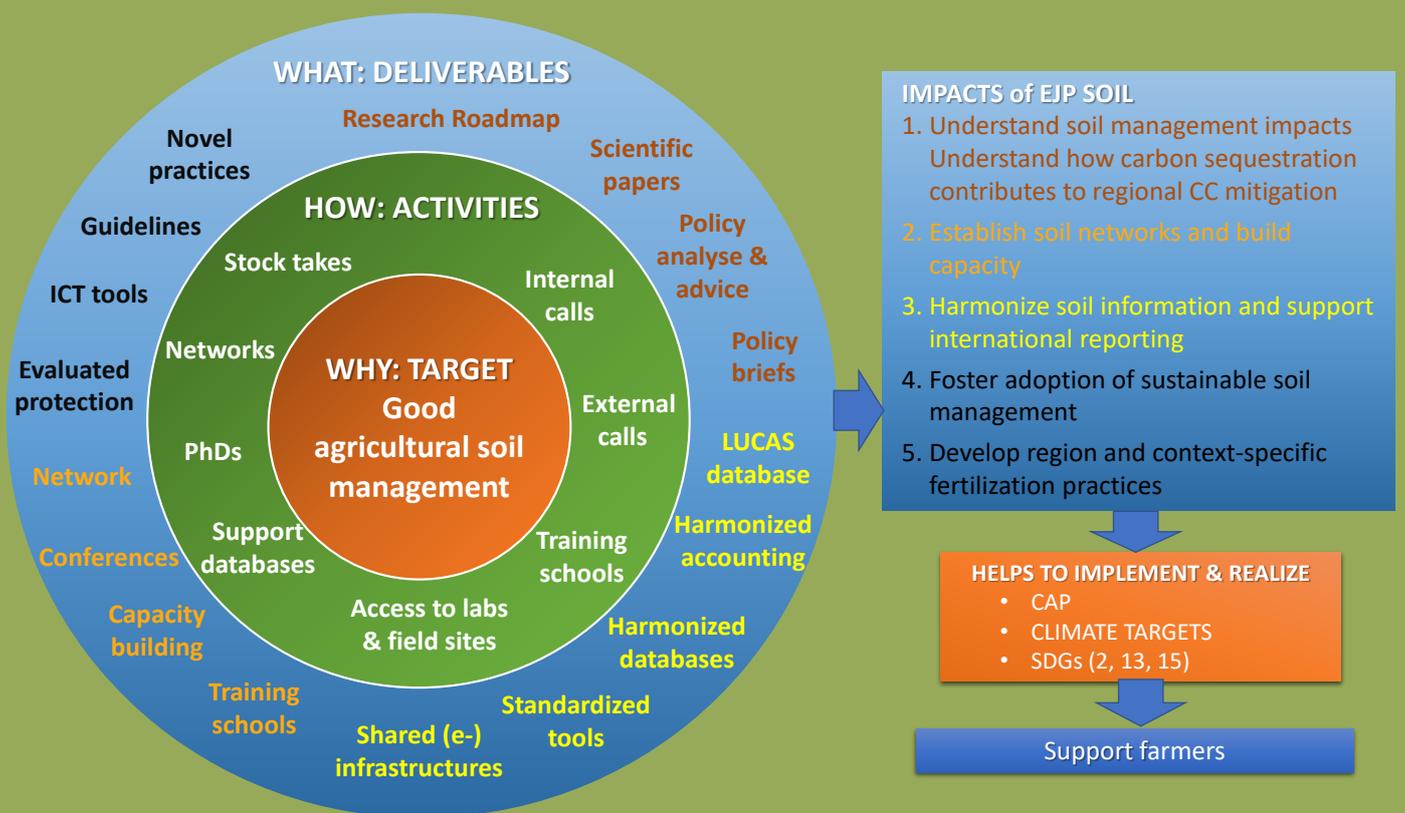
EJP SOIL takes into account the need for effective policy solutions and strategic multi-actor approach allowing to initiate inter-society dialogue and adoption of best practices.

WHAT IS EJP SOIL?

EJP SOIL is a European Joint Programme on Agricultural Soil Management addressing key societal challenges including climate change and future food supply.

The EJP SOIL unites a unique group of 26 partners from 24 European countries in a 5 year programme.

EJP SOIL is funded by the European union's Horizon 2020 research and innovation programme. The aims is to pool national research efforts in order to make better use of Europe's research and development resources.



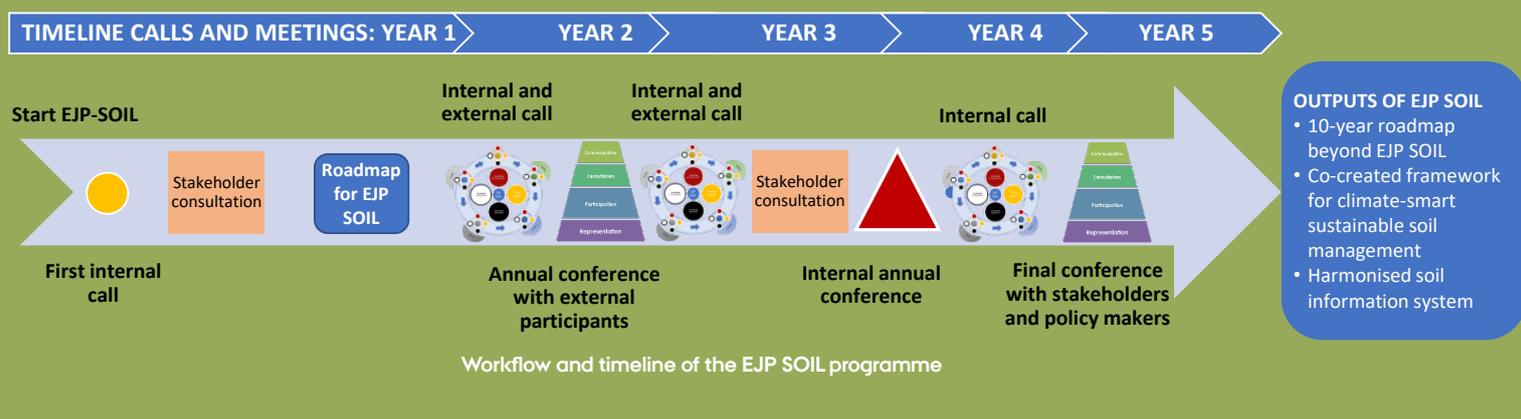
Overall scheme of EJP SOIL: the flow of work and their impacts.

EJP SOIL Stakeholder engagement

Active engagement creates a platform for cross-European interaction between researchers and stakeholders. Stakeholders to represent the breadth of agricultural systems and soil management practices.

The EJP SOIL develops the roadmap for soil research through consultation of its stakeholders.

This includes the identification of aspirational targets at regional, national and European level, overview of the current situation of knowledge, identification of barriers and opportunities, synthesis of key soil related issues, and building and updating the roadmap and drafting calls scope.



Participating countries



- | | |
|-----------------|----------------|
| France | Latvia |
| The Netherlands | Lithuania |
| Austria | Norway |
| Belgium | Poland |
| Czech Republic | Portugal |
| Denmark | Slovakia |
| Estonia | Slovenia |
| Finland | Spain |
| Germany | Sweden |
| Hungary | Switzerland |
| Ireland | Turkey |
| Italy | United Kingdom |

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