

EJP SOIL - Towards climate-smart sustainable management of agricultural soils

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EJP SOIL
European Joint Programme



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EJP SOIL Targets

- Soil and climate change mitigation - soil carbon sequestration
- Soil and climate change adaptation
- Sustainable agricultural production
- Environment, ecosystem services
- Land and soil restoration, soil fertility and soil erosion prevention

The EJP SOIL Consortium

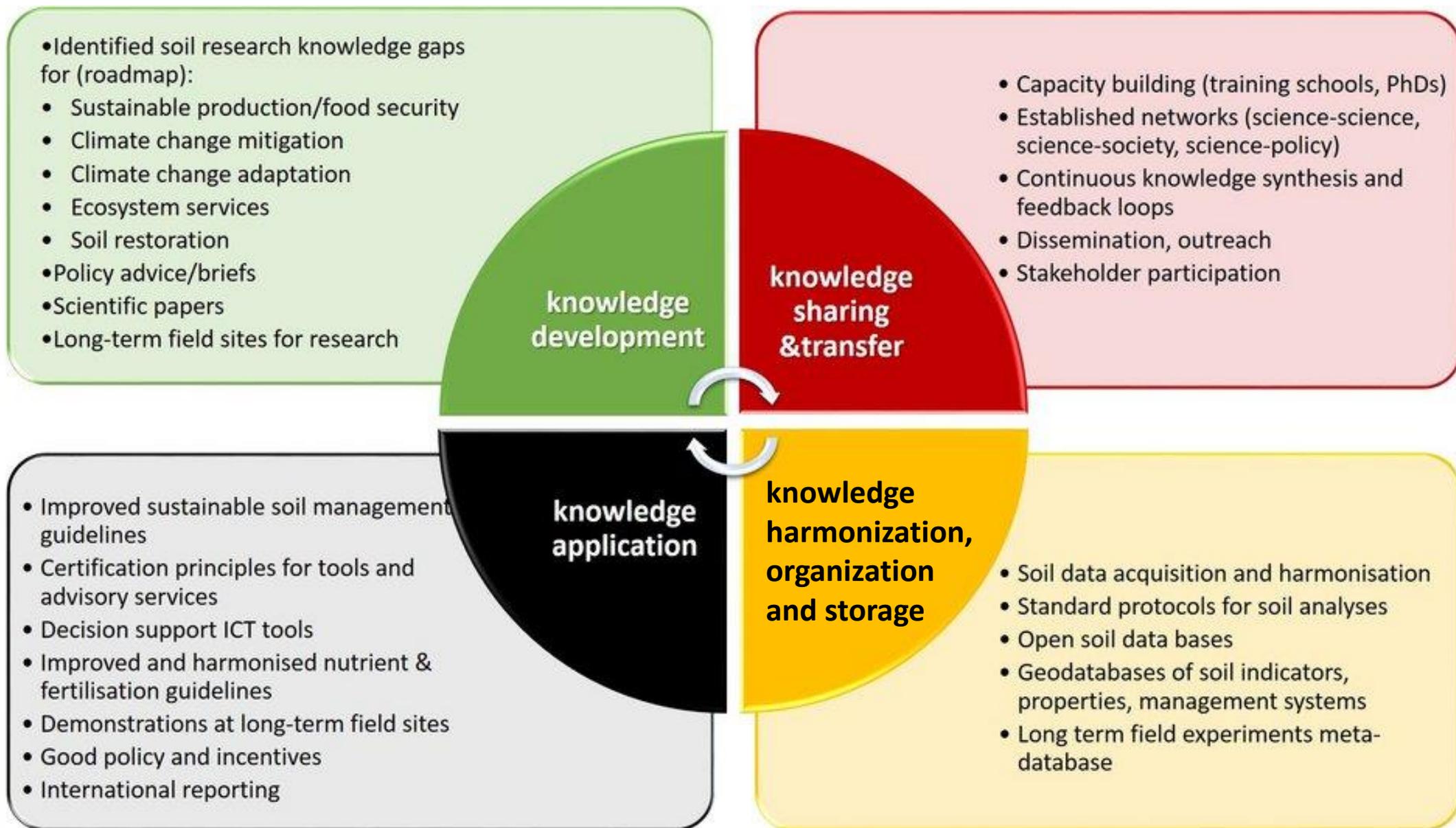
- 26 partners
- 24 countries
- Leading institution:
INRAE France
 - Dr. Claire Chenu



EJP SOIL Budget

- Total: 80 million EUR
- ČZU: 1 506 844 EUR
- 50% contribution from member states
 - Ministry of Education, Youth and Sports
- A part of the budget is still to compete for

EJP SOIL Knowledge Framework



Science to Policy

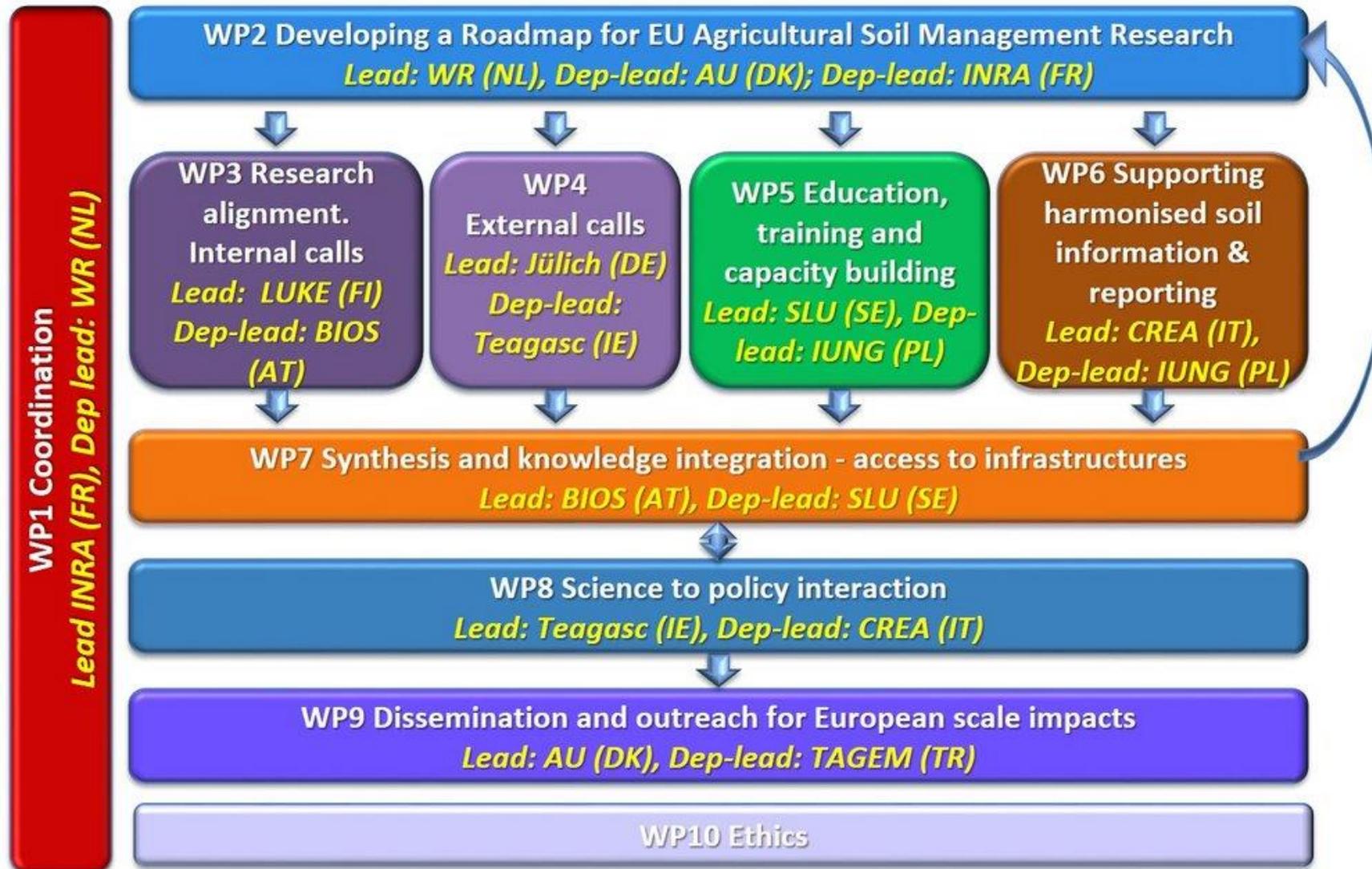
The key objectives are to:

- Establish open dialogue and active engagement with policymakers, understand and analyze policy makers needs for new research, data or resources, support the policy makers in the implementation of C accounting
- Deliver ecosystem services in the EU and translate results into expert recommendations for policy, and disseminate and promote the work and outputs of the EJP SOIL to EU and international policymakers.

EJP SOIL Organization



EJP SOIL Structure and Workpackages



EJP SOIL European Roadmap

5-Step approach

- Identify aspirations at regional, national and European level and provide storylines on futures in interaction with stakeholders
- Identify regional, national and Europe wide barriers and opportunities
- Integration with current soil related knowledge and activities to develop scenarios for future knowledge management
- The obtained insights will provide input to the EJP SOIL roadmap that defines the topics for internal and external calls
- Findings in performed projects during EJP SOIL will be incorporated to define new, more focused topics for the calls to come in the next years

EJP SOIL 1st Internal Call

EJP SOIL topic ID [†]	Title	Number of projects, their size (PM)	Indicative available funding per project
CM2	Quantification of the potential of agricultural soils to sequester more carbon at the regional / national scale in the different partner countries.	1 large sized project (350)	4.03 M€
CM8	Evaluating soil management options for specific objectives: Trade-offs between soil organic carbon sequestration, greenhouse gases and/or N and P losses	2 medium sized projects (2 x 150)	2*1.73 M€
MT1	Good knowledge of the present status of agricultural soils: Innovative techniques for soil mapping and assessing spatial and temporal variation of soil properties	2 medium sized projects (2 x 150)	2*1.73 M€
SR5	Landscape analyses: Erosion processes	1 medium sized project (150)	1.73 M€
ES7	Enabling conditions to implement improved management options and tools to monitor soil quality: Analysis on how soil indicators could be used to support CAP measures.	1 small sized project (100)	1.15 M€
FS2/MT4	Innovative soil management practices in Europe and their suitability for European farming systems	1 stocktake (40)	460 k€
ES1/ES2	Methodologies and tools to assess the contribution of soils to ecosystem services / for assessing soil quality	1 stocktake (40)	460 k€
CA1	Evaluating soil management options for the specific objective of Climate change adaptation	1 synthesis (20)	230 k€

[†] EJP SOIL topic ID: CM Climate change mitigation; CA Climate change adaptation; FS Food security; MT Multi-topics; ES Ecosystem services; SR Soil restoration
 Topics where CZU is involved in submitted projects are in red

Some Problems and Difficulties

During proposal preparation

- To get into the consortium
 - Negotiations with ministries, competitors...
 - Contacts with the consortium members
- To get the support and contribution from the ministry
- *Thanks to Mrs. Laura Míčková and all who contributed*

During programme running

- Calculation of costs
 - Currency rates
 - Salaries and contracts vs. personmonths
- Keeping all deadlines, requirements and fulfilling tasks
 - Many things running parallel
- **Not all is science!**
 - Stocktakes, questionnaires, interviews...

Thank you for your attention