European Commission
approach in research and innovation on soil

G-20 MACS 2017

POTSDAM

14-5 November 2017

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Soil research in our portfolio

Various projects in our portfolio of activities, in particular:

• Soil functions: **Landmark, Isqaper**

• Soil quality and farm management: **Soilcare**

• Cooperation with **China**: projects in the pipeline (2017: soil water resources, 2018 and 2020: management of soil quality)

• Partnership with **Africa**: soil system in Africa (2019)

• Integrated approach to management of land as a resource (2017)

• Forest soils (2020)

• Soil and climate change (2020) (international cooperation project)
Strengthening synergies in the EU: European Joint Programme (2019)

- **Agricultural soil contribution to climate change mitigation and adaptation**

- **Aims include:**
  - Framework for an *integrated community* of research
  - Strengthening scientific *cooperation* at European level
  - Improving inventories, measurements, reporting and accounting activities at various scales
  - Soil information systems (sampling, mapping)
  - Alignment of *programming and activities* between members of the EJP

- 5-year project

- Cofunded EU (€40 mio) and EU Member States (€40 mio)
Supporting cooperation at the global level on soil and climate change

- **Topic SFS-50-2017 "Supporting international cooperation activities on agricultural soil contribution to climate change mitigation and adaptation"**
- **Project CIRCASA starting November 2017**
- **Possibility to set up an International Research Consortium to be considered**
- **An IRC is a mechanism allowing flexible coordination of R&I activities at global level in key priority areas**
- **The EC is supporting the IRC Star-Idaz in the area of animal diseases and high priority vaccines, which so far has attracted commitments in excess of two billions €**
Many thanks for your attention!

Research and innovation in action

https://ec.europa.eu/agriculture/research-innovation_en