



This project has received funding from



European Union Horizon 2020 research and innovation programme.
Grant agreement: 635750
Project officer: Ms Arantza Uriarte Iraola
Duration: 2015-2020



Ministry of Science and Technology
(grant nr:2016YFE011270)
Chinese Academy of Sciences
(grant nr:16146KYSB20150001)



Swiss State Secretariat for Education,
Research and Innovation. Contract:
15.0170-1

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Project website:
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Interactive soil quality
assessment in Europe
and China for agricultural
productivity and
environmental resilience ...



Project partners

- | | | |
|--|--|--|
| 1 Wageningen University,
Netherlands | 10 Stichting Dienst Landbouwkundig
Onderzoek, Netherlands | 18 Institute of Agricultural Resources
and Regional Planning of Chinese
Academy of Agricultural Sciences,
China |
| 2 Joint Research Center, Italy | 11 Institute of Agrophysics of the
Polish Academy of Sciences, Poland | 19 Northwest A&F University, Institute
of Soil and Water Conservation,
China |
| 3 Research Institute of Organic
Agriculture, Switzerland | 12 Estonian University of Life
Sciences, Estonia | 20 Soil and Fertilizer Institute of the
Sichuan Academy of Agricultural
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| 4 Universität Bern, Switzerland | 13 University of Ljubljana, Slovenia | 21 CorePage, Netherlands |
| 5 University of Évora, Portugal | 14 National Research and
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Romania | 22 Both ENDS, Netherlands |
| 6 Technical University of Madrid,
Spain | 15 Agrarian School of Coimbra,
Portugal | 23 University of Pannonia, Hungary |
| 7 Institute for European
Environmental Policy, UK and
Belgium | 16 University of Miguel Hernández,
Spain | 24 Institute of Soil Science of the
Chinese Academy of Sciences,
China |
| 8 Foundation for Sustainable
Development of the
Mediterranean, Italy | 17 Agricultural University Athens,
Greece | 25 Gaec de la Branchette, France |
| 9 ISRIC World Soil Information,
Netherlands | | |



... providing decision
makers with science-based,
easy to apply and cost-
effective tools to
manage soil quality and
function.



iSQAPER aims to provide:

Good soil quality is of fundamental importance to both local and global food production and to ecosystem resilience.

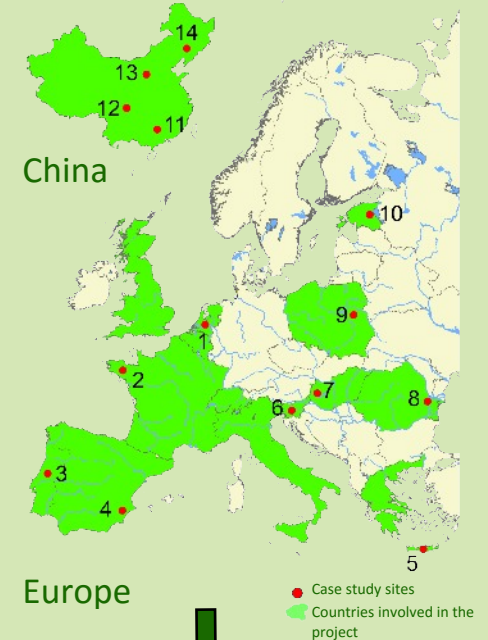
Agricultural soils world-wide are subject to threats and pressures including: increasing demand for food and biofuels, changing diets, land degradation and associated productivity decline, all made worse by climate change.

Reliable knowledge and data help land users assess their soils and make well-informed decisions about its use. When information on alternative land use practices is easily available, it supports farmers in improving their land management.

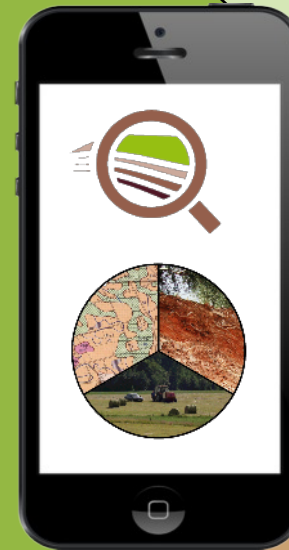
Innovative methods to assess soil quality in different pedo-climatic zones, integrating soil science, agricultural and land management practices.



Soil quality indicators tailored for and tested by farmers for farmers in Europe and China.



The app will be developed, tested, evaluated and improved by farmers, scientists, practitioners, agricultural service providers and policy makers.



Information about the environmental footprint of farming activities, options for sustainable land use and the effects of widespread adoption of sustainable land practices generated from existing databases and shared among farmers, scientists, regional and national policy makers.



An app for mobile devices anywhere in the world, providing location-specific soil quality information and sustainable land use management options.

