



success story



Pilot 2: Sustainable Agriculture National Scale

Updating soil information for Africa: supporting agriculture and promoting synergies

Soils4Africa aspires to provide the necessary information about the condition and spatio-temporal dynamics of African soils. The project realizes the need for accurate, up-to-date and spatially referenced soil information to support sustainable agriculture in Africa. The EU-funded Soils4Africa project's aim is to provide an open-access soil information system with a set of key indicators and underpinning data, accompanied by a methodology for repeated soil monitoring across the African continent. The soil information system will become part of the knowledge and information system of the Food, Nutrition, Security and Sustainable Agriculture (FNSSA) roadmap and will be hosted by an African institute. The project will provide important support for innovations in the agricultural sector in Africa and actively connect organisations across Africa and Europe to promote synergies and an open science approach.

SpectraLAB Group aims to develop and deploy eXplainable artificial intelligence techniques to predict the multiple soil properties via large spectroscopic databases in order to provide a low cost and user friendly tool that can be further utilized by the relevant end-users communities.

We look forward to support the African stakeholders as well as proximal soil sensing community and relevant international organizations such as FAO GLOSOLAN spectroscopy Group.

Useful links:

<https://www.soils4africa-h2020.eu/>



<https://twitter.com/Soils4>



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