



# SoilWise – Activating Soil Data and Soil Knowledge

AI/ML thematic group

03.10.2024

# What is the SoilWise project?

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DEVELOP, TEST AND DELIVER A  
PROTOTYPE FOR LONG-TERM  
KNOWLEDGE AND DATA  
REPOSITORY.

Expected to  
become part of  
EUSO

4 years

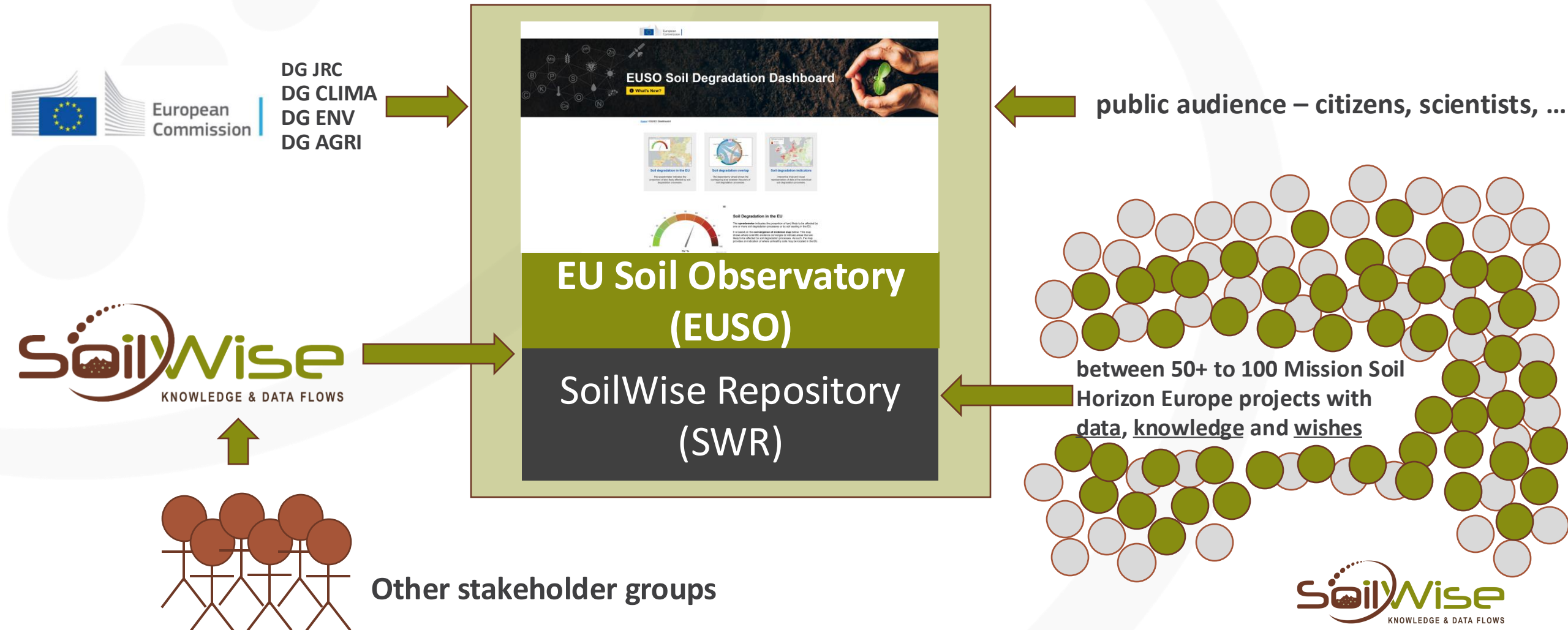
1/9/2023

15 Project partners  
7 countries

Develop a solution

5 practice-oriented  
“use cases”

# SoilWise and EUSO positioning



# SoilWise Stakeholder Groups & User Cases



- Soil health performance indicators for Land Managers
- Leveraging a network of Soil R&I Knowledge and Data
- Policy Making & Evaluation to safeguard soil
- Enhanced capacities of Public Authorities and LLs actors
- Repository for new products, technologies and services

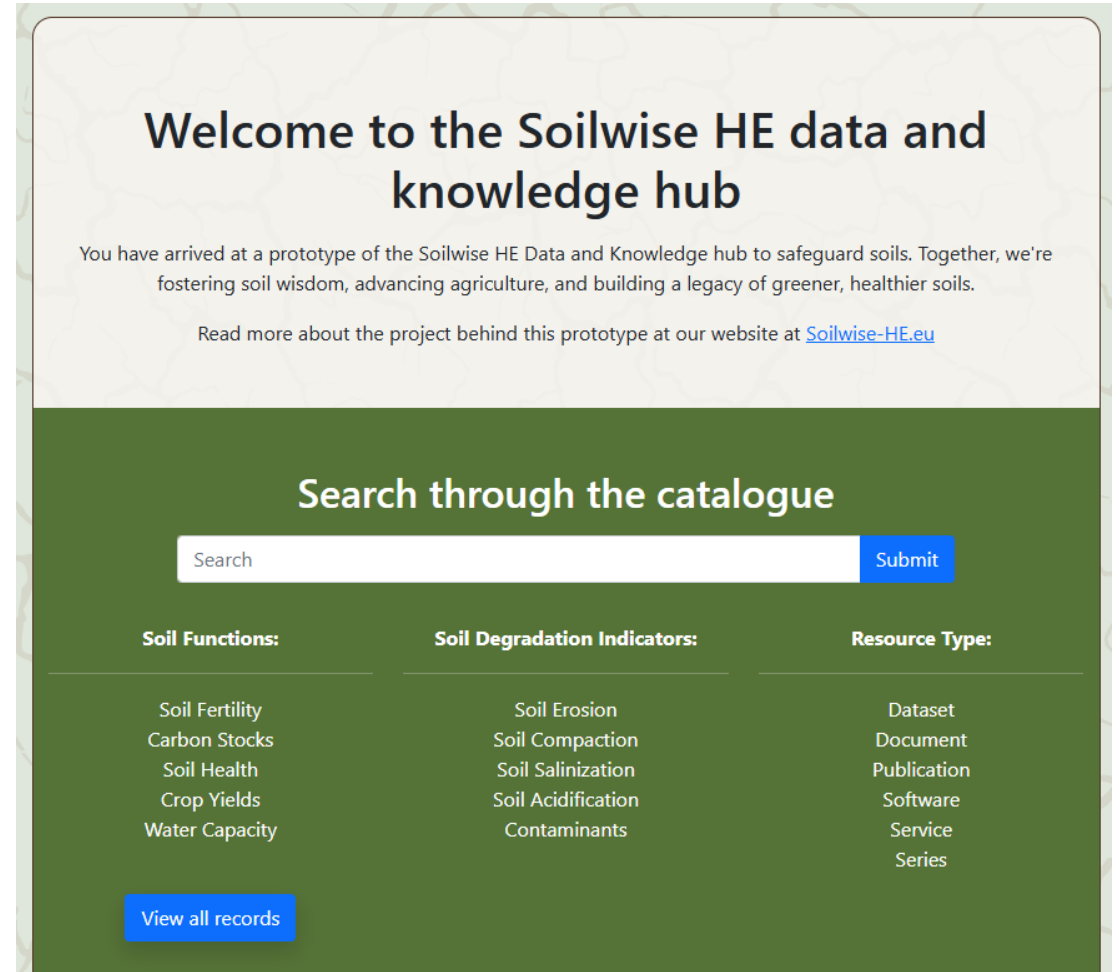
User Case 1 is Focussing on

- Landowners
- Land Managers
- Farmers
- Foresters
- Active Nature conservationists

# SoilWise for Land Managers

## Finding useful data and knowledge for farm advisory

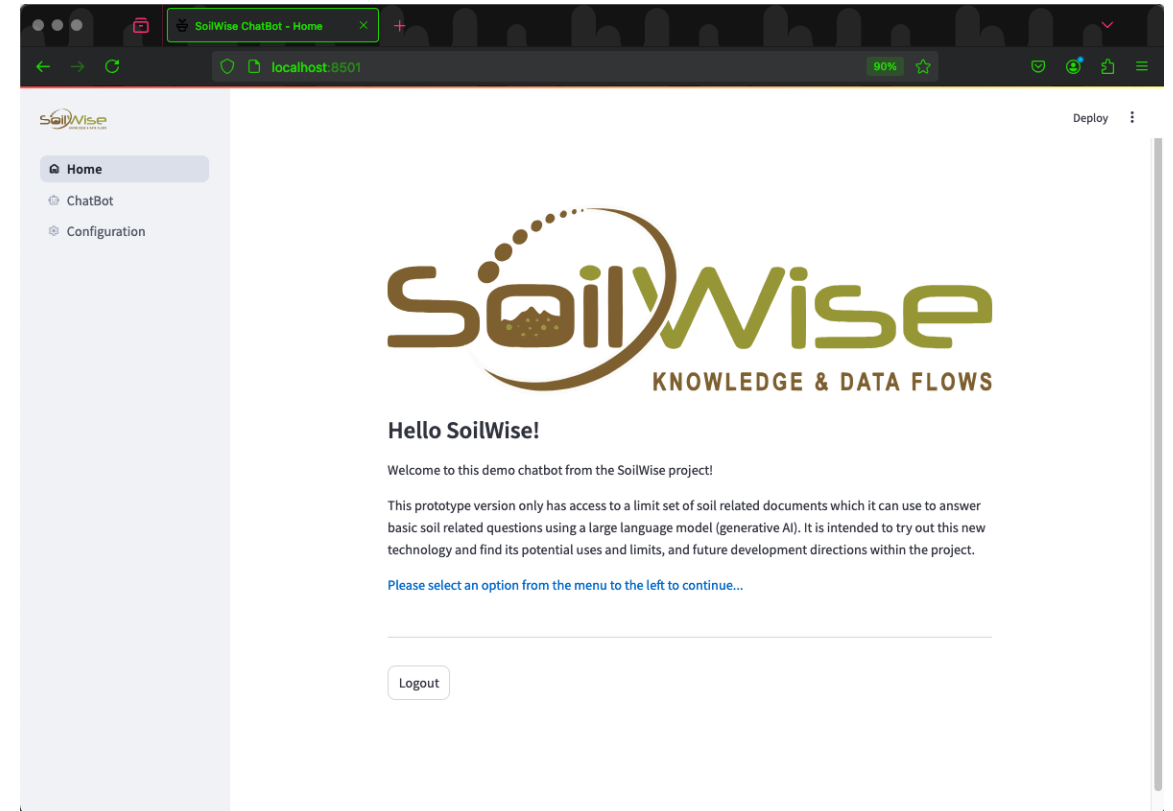
- Catalogue
- Google for Soil & Agriculture (but better)
- Focus on intermediaries that serve land managers
- Requires efforts and soil/agronomic knowledge to analyse and interpret



# SoilWise for Land Managers

## Providing actionable farm advice

- Chatbot, Natural Language Queries
- chatGPT for Soil (but better...)
- Focus on Landowners, land Managers, Foresters, Nature conservationists
- Provides direct answers to questions, using knowledge “under the hood”





# Discussion