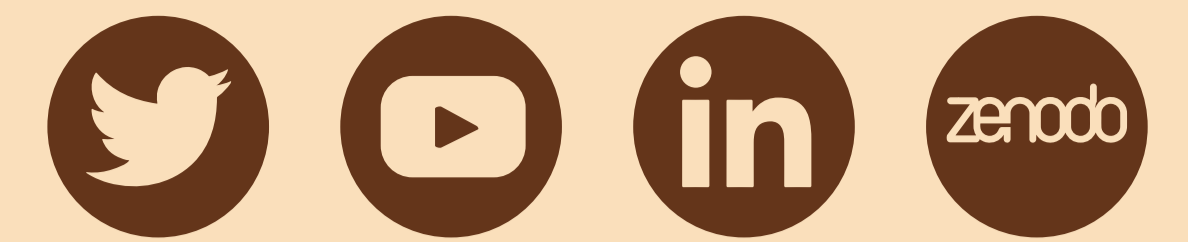




www.root2res.eu



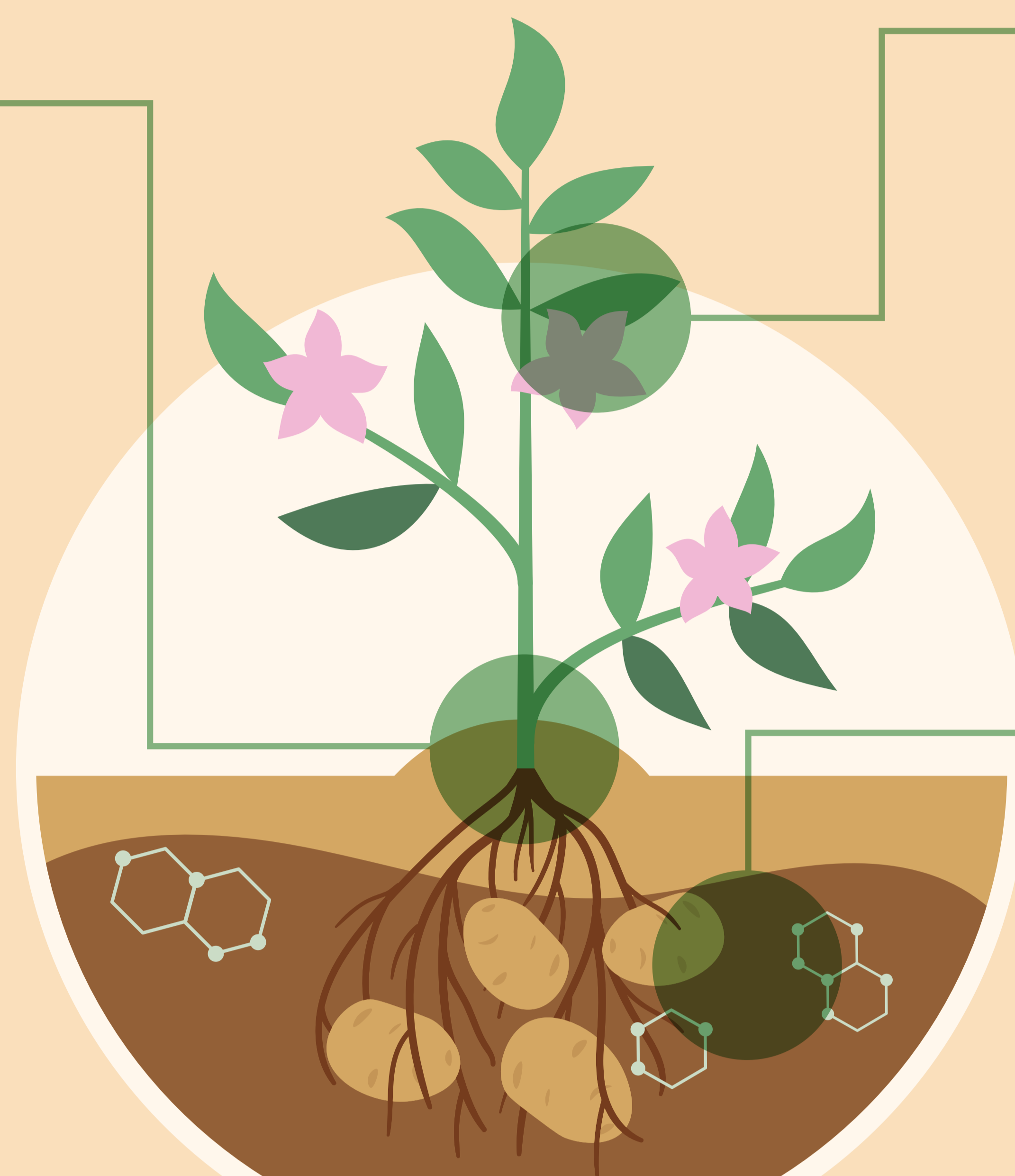
Root2Res

Root to Resilience: Root phenotyping and genetic improvement for rotational crops resilient to environmental change

The project

Consortium

- 22 partners from Europe and Africa
- Wide range of expertise and interdisciplinary profiles
- From farmers and breeders to agronomists and geneticists
- Trials carried out in field and controlled conditions



Impacts

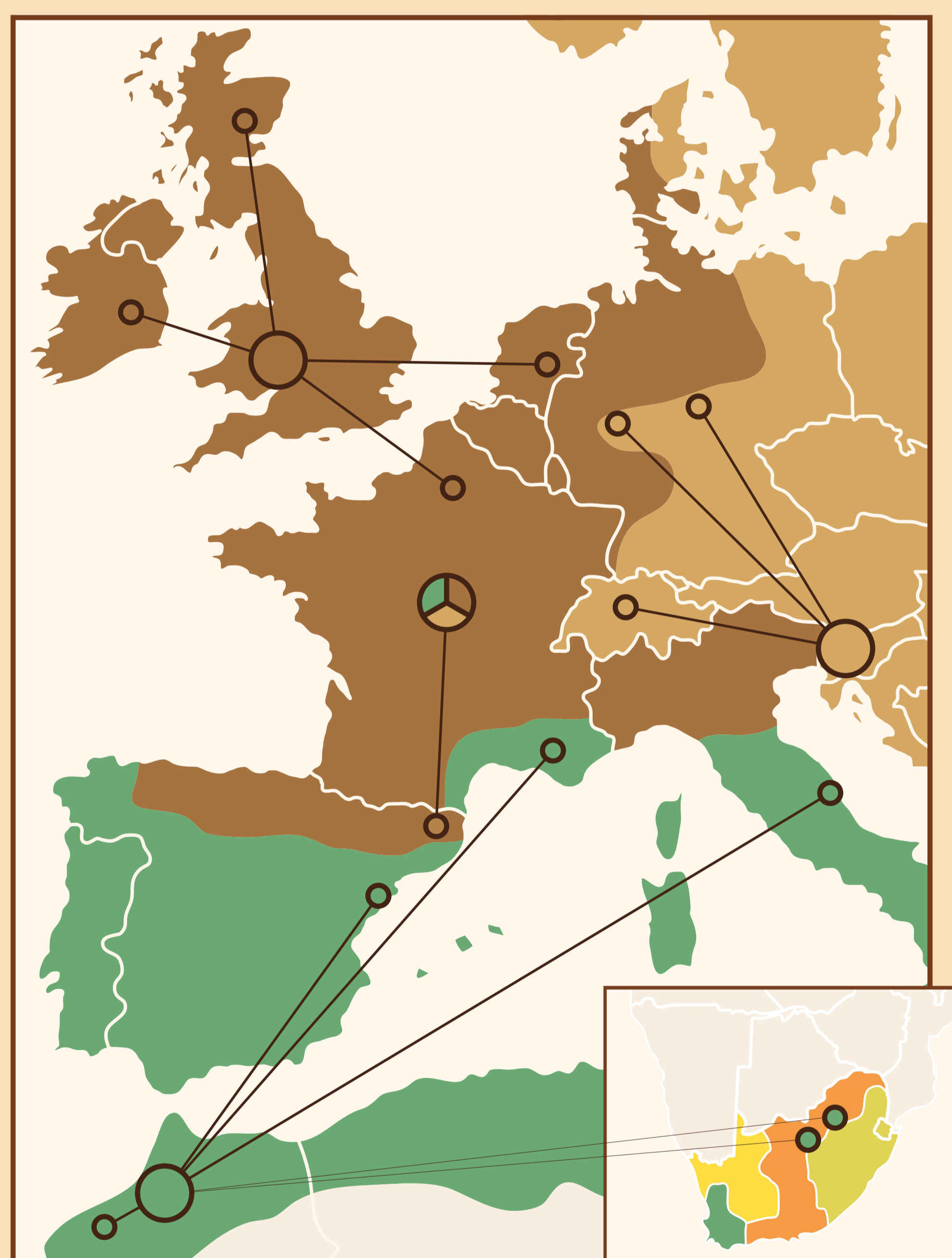
- Resilient crops and cropping systems
- Food security
- Improved soil quality
- Carbon sequestration

Focus

- Water availability and nutrient efficiency
- Cereals (barley and wheat), tubers (potatoes and sweet potatoes) and legumes (faba bean)

1st September 2022 - 31st August 2027

Field Trials Network



Agroclimatic Zones (ACZ)

(based on Köppen-Geiger classification)

- Oceanic climate (ACZ 1)
- Humid continental climate (ACZ 2)
- Mediterranean climate (ACZ 3)
- Subtropical climate
- Semi-arid climate
- Desert climate

Trials ○ Core sites ○ Satellite sites

Partners

COORDINATION



DEPUTY COORDINATION



Funded by the European Union



UK Research and Innovation

Project funded by

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Education,
Research and Innovation SERI

Root2Res has received funding (Grant amount: 6.367.652,25€) from the European Union's Horizon Europe research and innovation programme under grant agreement No GA 101060124. The work is supported by the Innovate UK through the Horizon Europe Guarantee scheme Grant Agreement no. 101060124 (Grant amount: equivalent to 1 632 346.25 €) and by the Swiss State Secretariat for Education, Research and Innovation (SERI) grant no. 23.00050 (Grant amount equivalent to 764 750.00 €).

Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union, UK Research and Innovation (UKRI), European Research Executive Agency (REA) or Swiss State Secretariat for Education, Research and Innovation (SERI). Neither the European Union nor any other granting authority can be held responsible for them.