



The BonaRes Programme in a Nutshell

Soil fertility is essential for sustainable plant production and, consequently, the basis for many bioeconomic value chains. From a sustainability perspective, soils need to provide not only marketable yields, but also several other ecosystem services. These include, i.e., the storage of water and carbon, filters for clean groundwater, and the maintenance of nutrient cycles and biodiversity. Sustainable soil management needs to combine and optimize all these aspects. The objective of BonaRes is to significantly expand and provide the required knowledge about the functionality of soils and to formulate reliable options for action.

The BonaRes Programme currently funds ten interdisciplinary research consortia as well as the integrating BonaRes Centre for Soil Research.

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BONARES



Soil as a Sustainable
Resource for the
Bioeconomy
The BonaRes Programme





CATCHY

Catch-cropping as an agrarian tool for continuing soil health and yield increase
www.bonares.de/catchy



DiControl

Implications of soil management practices and application of biocontrol strains on soil disease suppressiveness
dicontrol.igzev.de



I4S

Integrated System for Site-Specific Soil Fertility Management
i4s.atb-potsdam.de/i4s



InnoSoilPhos

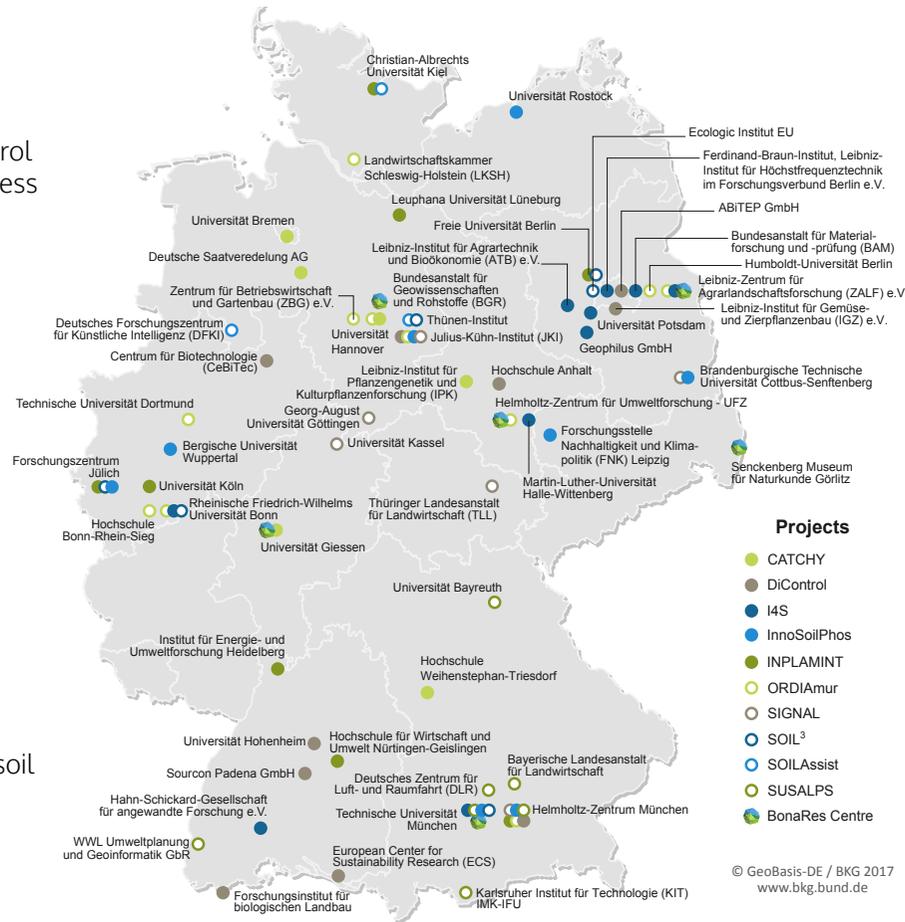
Innovative solutions to sustainable soil phosphorus management
www.innosoilphos.de



INPLAMINT

Increasing agricultural nutrient efficiency by optimizing plant-soil-microorganism-interactions
www.inplamint.de

Institutions involved in BonaRes and their locations in Germany



For further information visit
www.bonares.de

ORDIAmur

Overcoming replant disease by applying an integrated approach
www.ordiamur.de



SIGNAL

Sustainable intensification of agriculture through agroforestry
www.signal.uni-goettingen.de



Soil³

Sustainable subsoil management
www.soil3.de



SoilAssist

Sustainable protection and improvement of soil functions with intelligent land management strategies
www.soilassist.de



SusAlps

Sustainable use of alpine and pre-alpine grassland soils in a changing climate
www.susalps.de



BonaRes-Centre for Soil Research

Coordination, Data Centre, Models and Tools, Web Portal
www.bonares.de

