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Dear reader,

In SolACE – Solutions for improving Agroecosystem and Crop Efficiency for water and nutrient use – we strive to help European agriculture face major challenges, notably increased rainfall variability and reduced use of nitrogen and phosphorus fertilizers. The project is funded under Horizon 2020, the European Union's Research and Innovation programme.

We are pleased to share the seventh SolACE newsletter with you, and look forward to sharing more news with you soon. Enjoy!

SolACE's wheat genomic selection is on the track



Genomic selection is a promising method to overcome the limitations of both conventional and marker-assisted quantitative traits selection. The GS method can improve quantitative traits that are ruled by many genes, with a cumulative effect on the trait. SolACE partners have performed genomic selection for bread and durum wheat root traits, often linked to nitrogen use and drought resistance. They are now close to the “final verdict” of the efficiency of the selection.

[Read more](#)



UK potato farmer network update



The UK potato farmer network in SolACE consists of three commercial farms and one organic farm, all of which are located in the east and north-east of England. Farmers are interested in practical and microbial interventions that can increase potato crop yields and improve performance under water stress.

[Read more](#)



Combined application of bacterial and fungal inoculants as drought-stress protectants in

potato: organic micro-granulate formulations



Researchers at the University of Hohenheim conducted greenhouse experiments under controlled drought stress conditions. The findings show that the combined application of microbial strains using the Minigran® technology can protect potato plants against drought stress to some extent.

[Read more](#)

Recent SolACE publication analyses how the UK farming press frames sustainable agricultural practices



A SolACE content analysis was published in *Agriculture and Human Values*, finding that the UK farming press has increased coverage of sustainable agricultural practices since 2009 and framed sustainable practices as economically and agronomically beneficial. Despite this, British farmers indicate that the farming press alone does not motivate them to try more sustainable practices.

[Read more](#)

New SolACE flyer



Solutions for improving Agro-ecosystem and Crop Efficiency for water and nutrient use



The updated SolACE flyer provides an overview of the project, its aims, approaches and the work being undertaken.

[Read more](#)

Project results so far



In the first three years of the SolACE project, the team produce a wide range of results. Find out more about them on our project website.

[Read more](#)

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Newsletter

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