

If the newsletter is not displayed correctly, click [here](#) to view it in your browser.

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 third SolACE newsletter with you, and look forward to sharing more news with you soon. Enjoy!

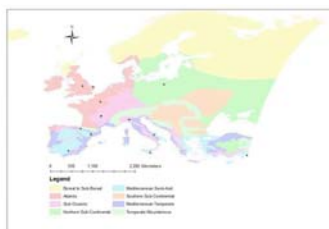
## Save the date! The next SolACE Stakeholder event will take place on October 9th, 2019



Join us to learn more about the SolACE project and give your feedback.

[Read more](#)

## Analysis of past research data on the effects of nitrogen fertilization on bread and durum wheat yield



In order to make use of existing studies, an analysis was conducted based on data on wheat yield response to stresses from past European research projects, national projects and published literature. A positive correlation was found between grain yield and nitrogen fertilization rates in studies located in Europe. The location (climatic region and soil type) and the year when the study took place influenced this response.

[Read more](#)

# Exploring the contribution of root architecture to the diversity of responses to water and nitrogen deficit in the field

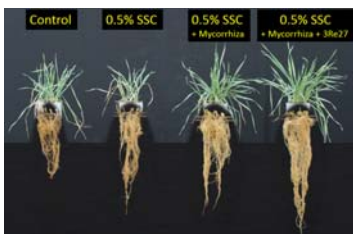


A strong understanding of the root architecture and root traits of bread and durum wheat is essential to design genotypes which cope better with water and nutrient deficiencies. To address this, high-throughput experiments were performed in root phenotyping platforms in Dijon and Louvain on the complete SolACE diversity panels.

[Read more](#)



# Improving stress tolerance of bread wheat and potato



In an effort to improve stress tolerance of bread wheat and potato, SolACE is combining microorganisms, which have already demonstrated these traits. As a first step, four strain combinations have been identified.

[Read more](#)



# Reflections on strategies to engage farmers in on-farm experimentation in SolACE



The SolACE farmer networks are one component of the multi-actor approach to innovation development and implementation within the project. As no two networks are the same, these networks provide a unique opportunity to identify optimal ways of engaging with farmers in co-creation of innovations.

[Read more](#)



# Share your opinion in our discussion forum!



SolACE relies on stakeholders to gain valuable insights and feedback and ensure the work being done is applicable in practice. To this end, we would like to encourage you to participate in our discussion forum where relevant news is posted for discussion.

[Read more](#)



---

# Proceedings from the second SolACE Stakeholder Event



## Proceedings of the Second SolACE Stakeholder Event

English, Italy  
May 16, 2018



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 752471 (SolACE)

The proceedings from the second SolACE Stakeholder Event are now available. During the second SolACE stakeholder event, SolACE project partners presented innovations that are being tested in the project with the aim to receive feedback and comments.

[Read more](#)



---

## Stakeholder feedback

SolACE is a multi-actor project, meaning that it includes different agricultural stakeholders as partners and also seeks feedback from farmers and the wider agricultural industry to ensure our work is relevant and robust. We are engaging stakeholders through a variety of platforms.

[Read more](#)



## Take part in the TOMRES European tomato survey!

Support the TOMRES project by answering a short questionnaire (approx. 10 minutes) that analyses consumer behaviour with regard to a new, environmentally sustainable fresh and/or processed tomato.

[Read more](#)



---

## SolACE innovation: Participatory breeding schemes (durum wheat)

As part of the SolACE project, we conduct experiments in order to better monitor heterogeneous populations of durum wheat for their use in participatory breeding. Let us know what you think on the SolACE discussion forum!

[Read more](#)



## SolACE innovation: Genotypes mixtures (durum wheat)

Most of our modern agriculture is based on simplification and considerable reduction of diversity, monocropping of maize being an extreme. With the need for sustainable intensification of agroecosystems and the transition towards more agro-ecological approaches, we shall see more biodiversity-based agricultural systems emerging. Let us know what you think on the SolACE discussion forum!

[Read more](#)



# Upcoming events of relevance to the SolACE project

**7-11 July 2019**  
**Saskatoon, Canada**  
Rhizosphere 5

**18-21 September 2019**  
**Budapest, Hungary**  
European Congress on  
Crop Diversification

**9 October 2019**  
**Dundee, Scotland**  
Third SolACE Stakeholder  
Event

---

## Contact information

### Project coordinator

Dr. Philippe Hinsinger  
Institut National de la  
Recherche Agronomique INRA  
UMR Eco&Sols  
2 place Viala  
34060 Montpellier Cedex 2  
France  
Phone: +33 4 99 61 22 49  
[philippe.hinsinger@inra.fr](mailto:philippe.hinsinger@inra.fr)  
[www.umr-ecosols.fr](http://www.umr-ecosols.fr)

### Project communication

Dr. Helga Willer  
Dissemination manager of the  
SolACE project  
Research Institute of Organic  
Agriculture FiBL  
Ackerstrasse 113  
5070 Frick  
Switzerland  
Phone: +41 62 865 7207  
Fax +41 62 865 7273  
[helga.willer@fibl.org](mailto:helga.willer@fibl.org)  
[www.fibl.org](http://www.fibl.org)

### Newsletter

Laura Kemper  
Research Institute of Organic  
Agriculture FiBL  
Ackerstrasse 113  
5070 Frick  
Switzerland  
Phone: +41 62 865 17 11  
Fax +41 62 865 72 73  
[laura.kemper@fibl.org](mailto:laura.kemper@fibl.org)  
[www.fibl.org](http://www.fibl.org)

Find out more about our privacy policy [here](#).  
Visit our [SolACE Facebook page](#) and [Twitter account](#)



This project has received funding from  
the European Union's Horizon 2020 research  
and innovation programme under grant  
agreement No 727247 (SolACE)



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

If you wish to unsubscribe from our newsletter, please click [here](#).