



FACCE SURPLUS

SUSTAINABLE AND RESILIENT AGRICULTURE FOR FOOD AND NON-FOOD SYSTEMS

FACCE SURPLUS (Sustainable and Resilient agriculture for food and non-food systems) is an ERA-NET Cofund, formed in collaboration between the European Commission and a partnership of 15 countries in the frame of the Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI).

FACCE SURPLUS is committed to improve collaboration across the European Research Area in the range of diverse, but integrated, food and non-food biomass production and transformation systems, including biorefining. Among other things, the ERA-NET Cofund aims to support innovation and value creation from biomass and biorefineries and organises joint calls between funding bodies from Member States and the European Commission.

It contributes to the strategic objective of FACCE-JPI to build a European Research Area in the domain of agriculture, food security and climate change as well as to the scientific objective of enhancing resilience in agricultural production systems. In turn, this will contribute to tackling the Grand Challenge of ensuring food security and agricultural production in the face of climate change.

FACCE SURPLUS First call and Second call

The first call for transnational research projects was launched in January 2015 with an indicative total available budget amounted to 17M€. In November 2015, 14 projects were selected to receive funding in the frame of FACCE SURPLUS.

Recognising that other initiatives are considering the scope and application of large-scale biorefineries in the EU context, the second call of FACCE SURPLUS focuses on the small-scale biorefinery concepts and their potential role in enhancing the sustainability and productivity of EU agriculture, as well as their scope to benefit the rural economy. 10 partners joined this call for transnational research projects with an indicative budget of 6,25M€. The deadline for submission of pre-proposals was March 7, 2017, while the deadline for full proposal submission is July 17, 2017.

For further information please visit facesurplus.org and facejpi.com



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VITAL

Viable Intensification of Agricultural production through sustainable Landscape transition

European countries face an increased pressure on agricultural systems due to growing global food demands, competing claims on land resources and decreasing possibilities to displace production outside Europe. Moreover, increasing demands for biofuels and bio products call for an agricultural transition towards a sustainably intensified production.

The research project **VITAL**, funded within the frame of FACCE SURPLUS, will explore how this transition may occur. The project aims to increase agricultural yields while at the same time minimizing the negative impact on the environment.

The project VITAL explores transition processes of European agricultural systems towards sustainably intensified production (SI) and identifies how differences in agricultural systems, their spatial frameworks and the role of actors, lead to, or inhibit, alternate transition processes of SI. The feasibility of different SI pathways is upscaled across Europe, hence moving beyond the level of individual farms and regions. Suitable spatial configurations of SI across land use systems are identified, accounting for the landscape and regional context.

By working with stakeholders at all levels, VITAL will deliver

1. an analytical framework that allows determining feasible future states of sustainable intensification;
2. assessment tools and indicators to evaluate alternative SI trajectories;
3. an assessment of the suitability of SI trajectories across different European land use systems and locations;
4. novel land system architectures based on SI; and
5. insights in the role of social networks of transition in adopting SI.

Coordinator

Dr ir C.J.E. Nynke Schulp
VU University Amsterdam, The Netherlands
Email: nynke.schulp@vu.nl

Project partners: INRA, France; Universidad Politecnica De Valencia, Spain; Agrathaer GmbH, Germany and Leibniz-Zentrum für Agrarlandschaftsforschung (ZALF) e.V, Germany.

Total funding: 782.000 €

Project period: 2016 –2018

For more information, please visit: faccsurplus.org/research-projects/vital or vital.environmentalgeography.nl

