



# 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](http://facesurplus.org) and [facejpi.com](http://facejpi.com)



Subscribe to the FACCE SURPLUS newsletter on [facesurplus.org](http://facesurplus.org) and stay updated on the latest news from the ERA-NET Cofund.



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# SidaTim

## Novel Pathways of Biomass Production: Assessing the Potential of *Sida hermaphrodita* and Valuable Timber Trees

Current growth of the European woody biomass economy indicates that wood produced in forests, both for energy and for timber, will not cover future demand. Sustainable strategies are asking for the use of renewable resources and mitigation of climate change.

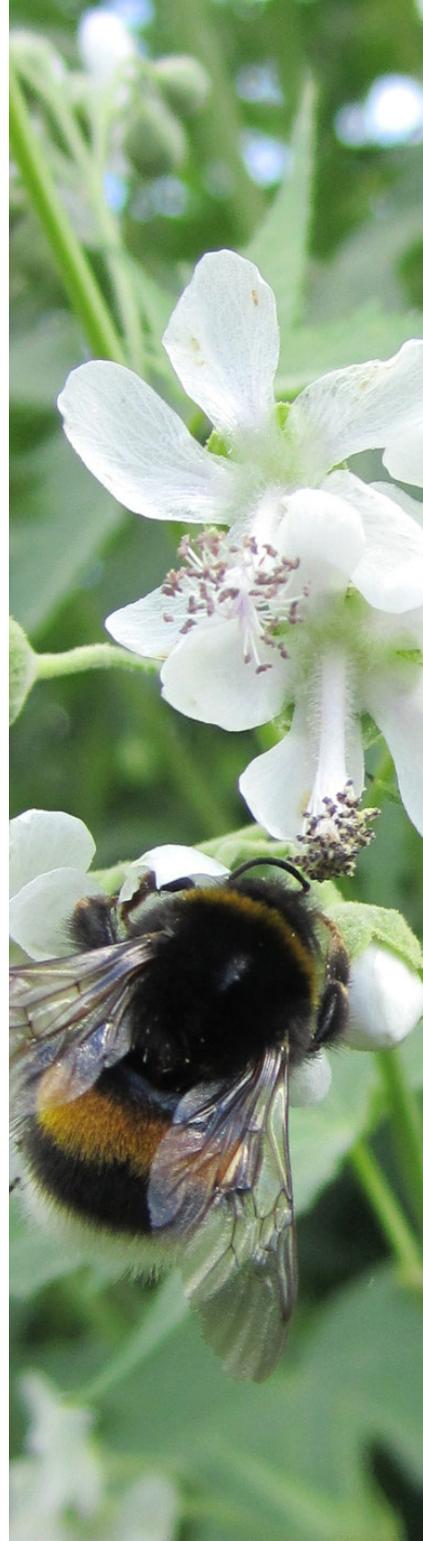
Hence, new land use approaches are needed to enhance the provision of fibre products as well as energy. Present strategies for cultivating the substrate for biogas production rely almost exclusively on corn, which covers large parts of the agricultural land in many regions, leading to ecological degradation of rural areas.

The aim of the research project **SidaTim**, funded within the frame of FACCE SURPLUS, is to strengthen the European bio-based economy by researching and promoting potentials of new land use concepts that comprise 1) innovative multipurpose plant species and 2) novel agricultural management approaches.

One subset of tasks within SidaTim is devoted to examining the performance of *Sida hermaphrodita*, a Northern American plant species that has already displayed very promising yield increments on field sites located in Poland, but which has received little attention from researchers and practitioners in Western European countries until today.

In a second research pillar the project aims at advancing and promoting knowledge about the production of valuable timber in an agricultural setting.

SidaTim addresses not only producers, i.e. farmers, but it also puts a special focus on integrating stakeholders and industrial players into the project flow.



### Coordinator

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**Project partners:** 3N Centre of Experts - Lower Saxony Network for Renewable Resources e.V., Germany; Consiglio per la Ricerca in Agricoltura e l'Analisi dell'Economia Agraria (CREA), Italy; Consiglio Nazionale delle Ricerche (CNR), Italy; Cranfield University, United Kingdom, and West Pomeranian University of Technology in Szczecin (WUT), Poland.

**Total funding:** 981.000 €

**Project period:** 2016 – 2019

For more information, please visit: [facceturplus.org/research-projects/sidatim](https://facceturplus.org/research-projects/sidatim)