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## **FACCE ERA-GAS: Harnessing joint programming for circularity and greenhouse gas reduction**

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FACCE ERA-GAS is the ERA-NET Cofund for Monitoring & Mitigation of Greenhouse Gases from Agri- and Silvi-culture. The aim of ERA-GAS is to strengthen the transnational coordination of research programmes and provide added value to research and innovation on greenhouse gas (GHG) mitigation in the European Research Area. FACCE ERA-GAS was initiated by the Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) and brings together partners from 13 European countries. FACCE ERA-GAS regularly releases funding calls for transnational research proposals, and organises workshops and events, as well as breakfast clubs and a summer school to support early-career researchers. In 2021, FACCE ERA-GAS in collaboration with the ERA-NETs SusAn, ICT-AGRI-FOOD and SUSCROP released a joint call for research projects on “Circularity in mixed crop and livestock farming systems, with emphasis on greenhouse gas mitigation” with the aim to take a systems approach to GHG mitigation. The call invited proposals focused on mixed crop-livestock farming systems and monitoring & mitigation of GHGs from agriculture or agroforestry, while adopting an ICT and circularity dimension. This poster will present two things: main achievements of FACCE ERA-GAS so far in terms of the added value of transnational research collaboration, project results and science-to-policy impacts, as well as the funded projects of the 2021 call on circularity.

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