

FOSC Consortium and additional funders, FOSC Call 2019



FOSC
 ERA-NET Cofund on
 Food Systems and Climate

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FOSC is the European Research Area Network (ERA-Net) Cofund action on Food Systems and Climate. FOSC is built upon and supported by the experience from FACCE-JPI and LEAP-Agri. The consortium consists of 28 partners from Europe, Africa and Latin America. FOSC pulls together resources for a joint research programme and is supported by the European Commission through an ERA-Net Cofund grant.

How to feed 10 billion people?

FOSC addresses one of our world's major challenges: How to feed 10 billion people by 2050. Ensuring food and nutrition security in the long-term while containing global warming within 1.5 or 2°C, will require major changes on a societal-level and a systemic transformation of our food systems. Important aspects to acknowledge in this are:

- current patterns of food consumption and production increase pressure on already scarce natural resources;
- climate change undermines food systems and reduces food security;
- environmental degradation puts additional pressure on food production;
- consumer behaviour patterns favour the predominantly short term vision of food systems; and
- availability of food is highly unequally distributed around the globe.

FOSC ambition

The ambition of FOSC is to implement a range of joint activities to contribute to the creation of a strong and effective trans-national research and innovation network between Europe, Africa, and Latin America. FOSC aims as well to contribute to the coordination and synergism between national and international research programmes that are relevant to food security under climate change.

The challenge of achieving food and nutrition security within the context of sustainable food systems calls for increased investment and collaboration. It is aspired that the partnership will increase investments in R&D&I through a coordinated regional mechanism aimed at reducing fragmentation.

Activities of FOSC

FOSC initiates and organises additional activities to foster collaborations and enhance impact of research on food systems and climate in Europe and beyond:

- the preparation and implementation of a joint call for proposals (FOSC call 2019);
- the deployment of innovative instruments for alignment and collaboration in R&D&I;
- a second call or alternative research funding activity for multi-actor research projects;
- capacity strengthening;
- stakeholder engagement;
- support to policy making;
- infrastructure development;
- organize trainings for researchers; and
- communication and dissemination of results emerging from activities.

FOSC 2019 co-funded call for research proposals

The first major activity of FOSC is a trans-continental call in the field of food systems and climate. The projects are selected through a call for proposals which was launched in 2019. The call has a funding budget of approximately 16 million euros. Aim of the call is to support scientifically excellent, trans-continental R&D&I projects that contribute to the knowledge base on food systems and climate change.

The projects are multidisciplinary and/or transdisciplinary and address the following topics:

- assess climate change-related risks for food value chains;
- promote innovative technology deployment to build sustainable and resilient food value chains;
- improve resilience and reduce volatility in agri-food production and food markets; and
- reduce food losses under climate change.