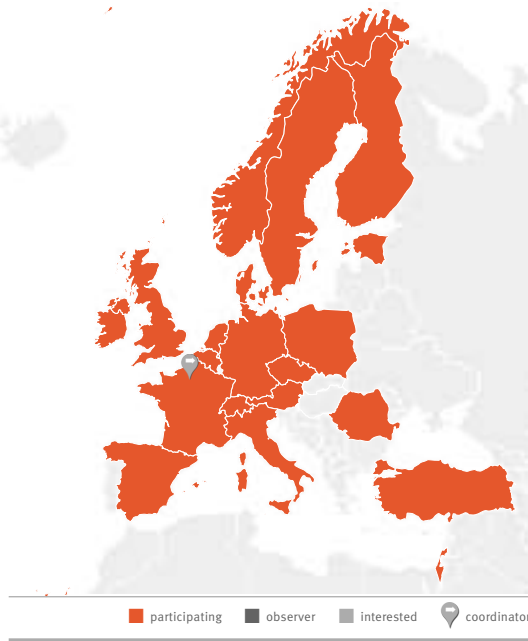


JPI AGRICULTURE, FOOD SECURITY, AND CLIMATE CHANGE (FACCE JPI)



Participating countries: 20

Austria, Belgium, Czech Rep., Denmark, Estonia, Finland, France, Germany, Ireland, Israel, Italy, The Netherlands, Norway, Poland, Romania, Spain, Sweden, Switzerland, Turkey, United Kingdom

Observing institutions: 2

European Commission, SCAR

Objectives:

The sectors of agriculture and forestry are highly exposed to climate change since they directly depend on climatic conditions, while emissions from agriculture in the Union account for 14% of global greenhouse gas emissions. Climate change is also one of the main challenges to agriculture in feeding the world's population which is expected to reach 9 billion by 2050. Global demand for food is expected to have increased by 50% by 2030 and to have doubled by 2050 at a time when demand for biomass for non-food purposes is predicted to grow strongly. Concerted actions are needed to prevent these combined risks from leading to irreversible damage, and to achieve a sustainable food supply under changing climate conditions.

Pilot calls

Title: "A detailed climate change risk assessment for European agriculture and food security in collaboration with international projects"

The first stage was open until 7th September 2011 and involves the submission of a letter of intent to participate in the Knowledge Hub. Following the evaluation of the letters of intent by the Steering Committee, a full proposal will be submitted in a second stage.

See www.facejpi.com and www.submissionfacejpi.com.

The instrument is the FACCE JPI Knowledge Hub, developed by the FACCE JPI to foster the transnational cooperation, collaboration and communication of the research communities in the field of FACCE, and to contribute to optimising research outcomes by facilitating a better networking and information exchange by all actors. A Knowledge Hub is a network consisting of selected research groups from JPI member countries within a defined area of research.

Highlights

- Interim governance in place and Scientific Research Agenda available
- Pilot action call launched July, 2011
- First mapping meeting held in June, 2011 on core theme 5, mitigation of greenhouse gases.
- Communication, coordination and outreach strategy has been defined
- First meeting with ERA-NETs to be held in October, 2011
- Long-term governance to be adopted in 2011

Website: www.facejpi.com/

Role of AT: Participating

Source:



Austrian Federal Ministry of Science and Research

Update:
by the representatives of the JPI

Coordinator

Isabelle ALBOUY
INRA – Head of European Affairs
Paris, France
e-mail: isabelle.albouy@paris.inra.fr

Austrian Contact

Elfriede FUHRMANN
Federal Ministry of Agriculture, Forestry,
Environment and Water Management
Vienna, Austria
e-mail: elfriede.fuhrmann@lebensministerium.at

Sebastian HELGENBERGER
BOKU: University of Natural Resources and Life Sciences
Center for Global Change and Sustainability
Vienna, Austria
e-mail: sebastian.helgenberger@boku.ac.at

Status / State of play:

■ In the starting blocks
 ■ Advanced
 ■ Decided

■ Governance

An interim governance is in place and the management structure consists of the Governing Board, the decision-making body of the JPI, a high-level international Scientific Advisory Board, and the Secretariat. The Governing Board is composed of a maximum of 2 representatives per participating country, with one vote. The European Commission and SCAR are present as observers, also with a maximum of 2 representatives. The Scientific Advisory Board consists of 12 members who have been elected by the GB. The Secretariat is assured by the INRA and the BBSRC. There is the possibility of adding working groups as necessary; the Pilot Action Working Group, for example, was put in place in September, 2010 to begin the preparation of the pilot call.

■ SRA (Strategic Research Agenda)

A Scientific Research Agenda has been adopted by the GB. It details the 5 core research themes of the JPI:

1. Sustainable food security under climate change based on an integrated food systems perspective: modelling, benchmarking and policy research perspective
2. Environmentally sustainable growth and intensification of agricultural systems under current and future climate and resource availability
3. Assessing and reducing trade-offs between food production, biodiversity and ecosystem services
4. Adaptation to climate change throughout the whole food chain, including market repercussions
5. Greenhouse gas mitigation: N₂O and CH₄ mitigation in the agriculture and forestry sector, carbon sequestration, fossil fuel substitution and mitigating GHG emissions induced by indirect land use change

■ Cooperations with other initiatives

KIC Climate, Challenge Program on Climate Change, Agriculture and Food Security (CCAFS), Global Research Alliance on Agricultural Greenhouse Gases, Water JPI, Climate JPI, JPI Healthy Diet for a Healthy Life, all relevant ERA-NETs in the area of the JPI (a meeting between the JPI and these ERA-NETs is scheduled for October, 2011).

Work funded by a Coordination and Support Action (CSA) from the EC is divided into 7 Work Packages:

- WP1: Refining and updating the Strategic Research Agenda (UK,FR)
- WP2: Mapping and foresight for strategic collaboration (NL, ES)
- WP3: Design and delivery of implementation modalities (TR, DE, AT)
- WP4: Communication and outreach (FR, UK)
- WP5: Coordination with international initiatives (IE, RO)
- WP6: FACCE consolidation and perpetuation (UK, FR)
- WP7: Project and consortium management (FR,UK).

Source:



Austrian Federal Ministry of Science and Research

Update:
by the representatives of the JPI