



**Climate-change impacts on farming systems in the next decades:
– why worry when you have CAP?
A FACCE MACSUR workshop for policymakers**

6 May 2015 • Brussels, Rue Montoyer 61

on the premises of the Representation of the State of Lower Saxony to the European Union

Local agricultural production is strongly affected by the weather. Climate change is likely to cause increases in extreme weather events, as well as underlying changes in average conditions. If agriculture is to be sustainable and profitable, farmers will need to adapt to these changes. What impacts could climate change have on farming systems across Europe, and how important are they likely to be compared to the impacts of policies?

In order to better answer these questions, the FACCE JPI knowledge hub MACSUR, comprising more than 300 researchers in 18 countries, is assessing the current state of the art in the modelling of agricultural systems for food security. **At this workshop we invite policymakers and other stakeholders to learn about regional impacts of climate change on European agriculture relative to policies and to inform researchers about the consultation needs of stakeholders.**

Part 1: Modelling for understanding impacts of climate change on agriculture

12:00 *Registration/Lunch/Videos/Posters*

Presentations and discussions

- 13:15 Welcome and introduction to MACSUR approach (Martin Banse, Thünen Institute)
- 13:30 Crop production (Katharina Brüser, University of Bonn)
- 13:50 Livestock and feed production, especially dairy and beef (Jantine van Middelkoop, Wageningen UR)
- 14:10 Agricultural markets and prices (Floor Brouwer, LEI @ Wageningen UR)
- 14:30 *Coffee, tea*

Part 2: Regional impacts of climate change, observations and projections

14:30 *Registration*

Presentations and discussions

- 15:00 Welcome and overview of MACSUR results (Martin Banse, Thünen Institute)
- 15:10 Northern Savo, Finland (Perttu Virkajärvi, Luke Finland)
- 15:30 Mostviertel, Austria (Martin Schönhart, U. Natural Resources & Life Sciences)
- 15:50 Oristano, Sardinia, Italy (Pier Paolo Roggero, University of Sassari)
- 16:10 Impacts of CAP relative to climate with respect to adaptation (Ana Iglesias, Tech U Madrid)
- 16:30 *Coffee, tea*
- 16:45 EU-level assessments and scenarios (Hermann Lotze-Campen, PIK)
- 17:15 »The role of European agriculture in a changing world. How to achieve regionally flexible adaptation policies?«
Panel discussion with Maddalena Dali' (DG Clima), Herwig Ranner (DG Agri), Louis Fliervoet (the Netherlands' Ministry of Economic Affairs) and Tania Runge (the FACCE Stakeholder Advisory Board and COPA-COGECA). Moderator: Katharina Helming (Center for Agricultural Landscape Research)
- 18:00-18:15 *Wrap-up*

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