

FOODSECURE

Exploring the future of global food and nutrition security

Kurzbeschreibung des Projektes:

One of the biggest challenges facing global society today is the widespread and growing presence of hunger and food insecurity. Given that the lead time for some social and technological solutions is long, a long-term framework on global food and nutrition security (FNS) is required. FoodSecure aims at improving the resilience of the food system, by providing a means to mitigate risks and uncertainties in the world food system caused by economic and climatic shocks while providing for sustainable economic growth. The project provides an analytical toolbox to experiment, analyse, and coordinate the effects of short and medium term policies, thereby allowing for the execution of consistent, coherent, long-term strategies with desirable consequences.

The FoodSecure collaboration responds to the challenge of food shortages and volatility by providing stakeholders, in the EU and beyond, with the capacity to assess and address the short term and long term challenges of food and nutrition security both effectively and sustainably. The project draws on an expert, multi-disciplinary, science team to provide a complete set of knowledge to inform and guide decision makers and other stakeholders in formulating strategies to alleviate food shortages.

The food system is analysed in relationship to the ecosystem, energy, and financial markets, all of which are potential sources of shocks that can disrupt the food system. In addition, it is examined in light of fundamental societal trends and changing attitudes towards food consumption and production. The project emphasises the diversity of challenges of FNS in countries and regions. The project delivers new empirical evidence on the drivers of global FNS, and classifies regions and livelihood systems in typologies. A harmonised data system and modelling toolbox are developed for forecasts (on short term) and forward looking (towards 2050) on future hunger. A support for effective and sustainable actions will include the identification of the critical pathways for technological and institutional change and for EU policies in the areas of development aid, climate change, trade, common agricultural policy and renewable energy, including sustainability criteria.

Deutsche Partner in diesem Projekt:

Rheinische-Friedrich-Wilhelms Universität
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Weitere Partner:

- Katholieke Universiteit Leuven, BE
- International Food Policy Research Institute, US
- Università degli Studi Roma Tre, IT
- Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Science, CN
- Ethiopian Economics Association, ET
- Empresa Brasileira de Pesquisa Agropecuária, BR
- Institute of Agricultural Economics, RO
- JRC -Joint Research Centre - European Commission, BE
- Internationales Institut für angewandte Systemanalyse, AT
- Centre de Cooperation International en Recherche Agronomique pour le developpement, FR
- Fondation pour l'étude des relations internationales et du developpement, CH
- Institut National de la Recherche Agronomique, FR
- Slovenka Polnohospodarska Univerzita V Nitre, SK
- Prospex BVBA, BE
- Fondation Institut de Recherche pour le developpement durable et les relations international, FR
- Ministerie van Infrastructuur en Milieu, NL

Coordinator:

Stichting Dienst Landbouwkundig Onderzoek
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<http://www.lei.wur.nl/UK/about/>

Funding Scheme:

Large-scale integrating project

Research Area:

Activity 2 - Path towards sustainable development
Area: Socio-economic development trajectories

Topic:

Economic, social and political conditions for satisfying the world food needs

Duration:

60 months

Start date:

01.03.2012

EC Contribution:

7.998.000 €

Project Website:

http://cordis.europa.eu/projects/rcn/102690_en.html

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