



LIFE AGRI ADAPT - Sustainable adaptation of typical EU farming systems to climate change

LIFE15 CCA/DE/000072



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Contact details:

Contact person: Trötschler Patrick

Tel: 497732999541

Fax: 497732999549

Email: p.troetschler@bodensee-stiftung.org

Project description:

Background

The Intergovernmental Panel on Climate Change (IPCC) predicted in its 2014 report that climate change would have negative impacts on agriculture for the rest of this century, even in temperate zones such as in Europe. Integration of adaptation measures into the Common Agricultural Policy (CAP) and Cohesion Policy can increase the resilience of EU agriculture to climate change.

Objectives

LIFE AGRI ADAPT aims to increase the resilience of EU agriculture to climate change by demonstrating sustainable best-practice adaptation measures with an ecosystem-based approach at farm level. The reasons for this are twofold: to further integrate adaptation into the Common Agricultural Policy (CAP), Cohesion Policy, the Thematic Strategy for Soil Protection and EU Biodiversity strategy; and to exchange best practice and raise awareness of climate change vulnerabilities and adaptation options, a priority of the EU Strategy on adaptation to climate change.

Specific project objectives include:

- Improving the knowledge base for the development, assessment and monitoring of climate change vulnerability at farm level by developing and testing a common method ready for use in the four EU climate risk areas;

- Testing sustainable measures and management approaches for climate change adaptation by identifying and implementing them with concrete action plans on 120 pilot farms covering the three main farming systems (arable land, livestock, permanent crops) in the four EU climate risk areas. The pilot farms will be located in Spain, France, Germany and Estonia and cover 29 600 ha in total;
- Promoting sustainable adaptation measures and enhancing the capacity to apply that knowledge in practice by demonstrating those measures to farmers, farmers' associations, agronomists, food standards agencies and agricultural insurance companies;
- Raising awareness amongst farmers and future farmers of sustainable as regards sustainable adaptation options at farm level by developing, creating and disseminating training packages; and
- Contributing to the development and implementation of EU policy on climate change adaptation by transferring best-practice and know-how to political, agricultural and food business stakeholders at regional, national and European level, and by mainstreaming across policy areas.

The project is expected to achieve the following:

- Produce four baseline reports (one for each EU climate risk area) and distribute those reports to a total of 400 climate experts and agricultural stakeholders;
- Compile adaptation measures tailored to arable land, livestock and crop farmers for the 120 pilot farms participating in the LIFE project;
- Produce an adaptation assessment and action plan for each of the 120 pilot farms, developed in collaboration with the farmers;
- Reduce vulnerability to climate change by 50% on each of the participating pilot farms;
- Develop a tool for the assessment of climate change vulnerability at farm level in the four EU climate risk areas;
- Identify general proposals for sustainable adaptation measures per farming system, based on results from the pilot farms and disseminate those results to political, agricultural and food business stakeholders at national and EU level and beyond; and
- Demonstrate “Farming Adaptation Training Packages” at workshops and other events.

Results

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Environmental issues addressed:

Themes

Climate change Adaptation - Sectoral adaptation (industry-services)

Keywords

Agriculture, decision making support, climate resilience

Target EU Legislation

- Land & Soil
- COM(2006)231 - “Thematic Strategy for Soil Protection” (22.09.2006)
- Climate Change & Energy efficiency
- COM(2013)216 - EU Strategy on adaptation to climate change (16.04.2013)

Natura 2000 sites

Not applicable

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Beneficiaries:

Coordinator	Bodensee-Stiftung - Internationale Stiftung für Natur und Kultur
Type of organisation	NGO-Foundation
Description	Bodensee-Stiftung (Lake Constance Foundation, LCF) is an international charitable environmental foundation, created in 1994 by six environmental organisations from Switzerland, Austria and Germany. LCF is active in the fields of organic and environmentally-friendly farming, sustainable land use planning, water quality and the sustainable use of water resources, eco tourism development, protection of biodiversity and ecosystem services and climate change mitigation and adaptation.
Partners	EESTI MAAULIKOOL / Estonian University of Life Sciences, Estonia Fundación Global Nature, Spain SOLAGRO, France

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Administrative data:

Project reference LIFE15 CCA/DE/000072

Duration	01-SEP-2016 to 31-DEC -2019
Total budget	2,161,437.00 €
EU contribution	1,295,347.00 €
Project location	Baden-Württemberg(Deutschland) Comunidad Valenciana(España) Põhja-Eesti(Estonia Eesti) Lääne-Eesti(Estonia Eesti) Kesk-Eesti(Estonia Eesti) Kirde-Eesti(Estonia Eesti) Lõuna-Eesti(Estonia Eesti) Extra-Regio(Estonia Eesti) Associated Estonia (EE)(Estonia Eesti) Midi-Pyrénées(France)

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Read more:

Leaflet	Title: "AgriAdapt: Adaptación sostenible del sector agrario europeo al cambio climático" (1.84 MB) Editor: Agri Adapt No of pages: 2
Leaflet	Title: "AgriAdapt: Vers une adaptation durable de l'agriculture européenne au changement climatique" (1.77 MB) Editor: Agri Adapt No of pages: 2
Leaflet	Title: "AgriAdapt: Nachhaltige Anpassung der Europäischen Landwirtschaft an den Klimawandel" (1.82 MB) Editor: Agri Adapt No of pages: 2
Leaflet	Title: "AgriAdapt: Sustainable adaptation of typical EU Farming systems to climate change" (1.69 MB) Editor: Agri Adapt No of pages: 2
Leaflet	Title: "AgriAdapt: Eli tüüpiliste Põllumajandussüsteemide jätkusuutlik kohanemine kliimamuutustega" (1.72 MB) Editor: Agri Adapt No of pages: 2
Project web site	Project's website
Publication: Technical report	Title: "Sustainable adaptation of typical EU Farming systems to climate change: A1: Baseline reports for the 4 main EU Climate Risk Regions" (9.37 MB) Year: 2017 Editor: Agri Adapt No of pages: 106

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