



Latvian Presidency
of the Council of the
European Union



EU2015.LV

SBSTA 42 AGENDA ITEM 5 WORKSHOP ON EARLY WARNING SYSTEMS AND EXTREME WEATHER EVENTS

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Question 2: "How do various processes under the Convention facilitate the development of early warning systems and contingency plans in relation to the extreme weather events and its effects observed in your country in the context of agriculture?"



EU activities (domestic and international) on early warning systems for extreme weather events:

EU Adaptation Strategy (since 2013)

Clim-adapt

EU Common Agriculture Policy

Meteoalarm service by European Meteorological Services

<http://www.meteoalarm.eu/>

European Flood Awareness System (EFAS)

<https://www.efas.eu/>

WMO initiative under the Global Framework on Climate Services which has established (Agriculture and Food Security priority area

(<http://gfcs.wmo.int/>)

Copernicus programme (observations for land monitoring and climate change (www.copernicus.eu/)).



Concrete examples from EU submission:

Monitoring grass from space: to help establish early warning systems for future fodder crises in Ireland (*Spatial Analysis laboratory in Teagasc*).



Austrian Climate Research Programme AgroDroughtAustria:

The aim of this project is to **develop and test a crop specific operational drought monitoring and forecasting system for agriculture** in Austria. The objectives include the establishment and calibration of indicators and methods on crop specific drought and heat vulnerability and impacts based on field experiment data and crop model application. Further, a high spatial resolution model for crop drought and heat stress assessment will be applied (*Univers. For applied Sciences*)

Processes involved under the Convention and other international initiatives:

- UNFCCC Technology Mechanism and CTCN (Climate Technology Centre and Network)
- Nairobi Work Programme (Dissemination of knowledge, Regional Workshops)
 - UNISDR (UN Office for Disaster Risk Reduction)
- NAPs (National Adaptation Plans) – developing and implementing adaptation strategies
- Global Framework for Climate Services (GFCS), an initiative under the WMO
- Joint workshop of IPCC, UNFCCC and GCOS in February 2015 on enhancing observations (pilot projects in developing countries have been proposed)

Make it work

Exploit synergies between initiatives and processes under
UNFCCC

Technical Expert Meetings under work stream 2

Include international actors outside UNFCCC (WMO,
Copernicus, IPCC, WFP, FAO...)

And take a look at our EU submissions! 😊

http://www4.unfccc.int/submissions/Lists/OSPSubmissionUpload/75_83_1307194883_43096179-LV-03-27-EU%20submission_%20AGRI.pdf