



## First Meeting of the WMO Expert Advisory Group on Financial Risk Transfer (EAG-FRT I)

13-14 December 2011  
WMO Headquarters, Room 8 Jura  
Geneva, Switzerland

[http://www.wmo.int/pages/prog/drr/events/EAG-FRT/FRT1/index\\_en.html](http://www.wmo.int/pages/prog/drr/events/EAG-FRT/FRT1/index_en.html)

### AGENDA

#### **Overall goal of the meeting**

The overall aim of meeting is:

- Provide guidance on the priorities, targets and deliverables for strengthening of weather, hydrological and climate services to support financial risk transfer markets (2012- 2015); specifically,
  - Drivers of the markets, opportunities, gaps and challenges with respect to provision of services (research, operational, service delivery, cooperation and partnership aspects) (user / provider perspective)
  - Documentation of good practices, lessons learned, development of guidance materials and awareness raising within the meteorological, hydrological and climate community
  - Opportunities for strengthening coordination across industry-led and other international weather and climate research programmes and operational services
  - Identification and implementation of (national and regional) capacity development projects for weather, hydrological and climate products and services to support financial risk transfer markets
  - Service delivery models and partnership aspects (user interface)
- Finalize the Terms of Reference of the EAG – FRT with respect to the identified priorities, targets and deliverables

#### **Expected outcome of the meeting**

- Concrete recommendations for priorities, targets and deliverables between 2012 and 2015
- Final Terms of Reference of EAG-FRT, particularly in relation to the priorities and implementation of deliverables
- Criteria for what constitutes a good practice (national and regional), identification of cases that can be documented in 2012 through cooperation with WMO Members and the partners, and documentation planning
- Outline of work plan (2012 – 2013)
- Date of the 2<sup>nd</sup> meeting of the EAG-FRT in 2012

<b>Day 1 – Tuesday December 13</b>	
<b>0830 – 0900</b>	<b>Registration (Please proceed to Room 8 Jura for registration)</b>
<b>Session 1: Opening and introduction</b>	
0900 – 1030	<ul style="list-style-type: none"> <li>• Opening statement and welcome address - Dr Elena Manaenkova, <i>WMO Assistant Secretary General</i></li> <li>• Introductions</li> <li>• Designation of the Chair of the EAG-FRT</li> <li>• Review and adoption of the agenda of the EAG-FRT 1 meeting</li> <li>• Background on the establishment of EAG-FRT and objectives– Dr Maryam Golnaraghi (WMO) (Doc 2)</li> <li>• Preliminary review of the draft Terms of Reference of the EAG-FRT (Doc 3)</li> </ul>
1030 – 1045	Group Photo
1045 – 1100	Coffee break
<b>Facilitators: Co-chairs of the EAG-FRT</b>	
<b>Session 2: Disaster Risk Financing and Financial Risk Transfer Markets Related to Weather, Hydrological and Climate Extremes in a Changing Climate (User Perspectives)</b> <i>This session will engage three overview presentations and two discussion segments</i>	
1100 – 1300	<ul style="list-style-type: none"> <li>• Advancing adaptation through climate information services – Results of a global survey on the information requirements of the financial sector – Mr Remco Fischer (UNEP FI)</li> <li>• Perspectives of insurers, re-insurers and insurance brokers – Mr Rowan Douglas (Willis Re)</li> <li>• Disaster risk financing in the agricultural sector – Dr Jerry Skees (University of Kentucky)</li> </ul>
1300 - 1400	Lunch
<b>Session 2: Continued</b>	
1400 – 1600	<p><b>Traditional and Alternative Risk Transfer Markets (Physical assets and property) and Needs for Meteorological, Hydrological and Climate Services</b></p> <ul style="list-style-type: none"> <li>• Challenges and opportunities for disaster risk financing from policy to development within a changing climate (traditional insurance and ART mechanisms) – Mr Olivier Mahul (World bank) (<i>Via Conference Call</i>)</li> <li>• Insurer perspectives on climate change adaptation - Results of a global survey – Mr Remco Fischer (UNEP FI)</li> </ul> <p><b>Discussion points:</b></p> <ol style="list-style-type: none"> <li>(1) <i>Drivers of these markets in developed and developing countries</i></li> <li>(2) <i>Identify and prioritize insurance and other alternative risk transfer schemes (CAT, weather-indexed, etc.) linked to weather, hydrological and climate information and services</i></li> <li>(3) <i>Status of penetration, opportunities and challenges of these (climate/weather related) schemes in developed and developing countries</i></li> <li>(4) <i>Types of decisions that could benefit from weather, hydrological and climate information input (policy, market development, partnerships, product design and settlement, etc)</i></li> <li>(5) <i>Identification of key stakeholders engaged and segmentation of users of weather and climate services in these markets</i></li> <li>(6) <i>Priority hazards and conditions impacting these markets.</i></li> <li>(7) <i>Examples of good practices (developed and developing countries)</i></li> </ol>
1600 - 1630	Coffee Break

<b>Day 2 – Wednesday December 14</b>	
0900 - 0930	Summary of the outcomes of the discussions from Day 1 – EAG-FRT co-chairs
<b>Session 3: Research and Operational Meteorological, Hydrological and Climate Services to Support Target FRT Markets and Lessons Learned</b>	
0930 - 1000	<ul style="list-style-type: none"> <li>Overview of WMO, its Coordinated Operational Network and the Global Framework for Climate Services (GFCS) - Dr. Geoffrey Love (WMO)</li> </ul>
1000 – 1300	<p><b>Discussion on good practices, opportunities and challenges for delivery of operational weather, hydrological and climate services to support these markets -</b></p> <p><i>Format: Participants from the National Meteorological and Hydrological Services and related institutes are invited to make short interventions to highlight their experiences in operationally providing weather, hydrological and climate services for supporting these markets. (Discussion format)</i></p> <p>With a coffee break</p> <ul style="list-style-type: none"> <li>Dr Don Gunasekera (Australian commonwealth Scientific and Industrial Research Organisation)</li> <li>Dr David Easterling (National Oceanic and Atmospheric Administration, USA)</li> <li>Mr Rachid Sebbari (Direction de la Météorologie Nationale, Maroc)</li> <li>Dr Cunjie Zhang (China Meteorological Administration)</li> <li>Dr Rebecca Mitchell (UK Met Office)</li> <li>Dr Alexander Kleshchenko (All-Russian Scientific Research Institute for Agricultural Meteorology)</li> <li>Mr Dula Shanco Lebeta (National Meteorological Agency of Ethiopia)</li> <li>Mr Adams Chavula (Meteorological Services of Malawi)</li> <li>Dr David Farrel (Caribbean Institute for Meteorology and Hydrology)</li> </ul> <p><b>Discussion points:</b></p> <ol style="list-style-type: none"> <li>Identify a list of cases (national and regional around the world) where weather, hydrological and climate services are supporting these markets,</li> <li>Lessons learned from operational experiences with respect to the quality and delivery of these services</li> <li>Partnerships and cooperation mechanisms between operational service providers and target stakeholders in these markets</li> <li>Operational capacities, processes for identification of requirements, and types of products and services (data, forecasting, technical advisory)</li> <li>Service delivery models of NMHS</li> <li>Training and capacity development needs of the service providers (e.g., knowledge about the markets and their requirements, data and forecasting capacities, etc)</li> <li>Criteria for what constitutes a good practice for operational provision of weather, hydrological and climate products and services to serve these markets,</li> <li>Identification of a number of good practices around the world that could be documented in 2012.</li> </ol>
1300 - 1400	Lunch
<b>Session 3: Continued</b>	
1400 – 1500	<p><b>Discussion on Needs and Opportunities for Weather and Climate Research and Development related to Extreme events in a changing Climate -</b></p> <ul style="list-style-type: none"> <li>Highlight of the relevant research areas under the World Climate Research Programmes – Dr Michel Rixen (WCRP)</li> <li>Research on High Impact Weather – Dr Deon Terblanche (WWRP)</li> </ul> <p><i>Format: 10-15 minute presentations followed by discussions:</i></p> <p><b>Discussion points:</b></p> <ol style="list-style-type: none"> <li>Relevant research topics and activities under various international programmes and</li> </ol>

	<p><i>opportunities for leveraging</i></p> <p>(2) <i>Topics in need of more research</i></p> <p>(3) <i>Opportunities for strengthening collaboration of research community with operational service providers and the FRT communities;</i></p>
<b>Session4: Finalization of the Terms of Reference of ERG-FRT and the work plan</b>	
1500 – 1725	<ul style="list-style-type: none"> <li>• Summary of discussions by the co-chairs</li> <li>• Review and finalization of TOR of the EAG-FRT (Doc 3)</li> <li>• Overall work plan, timeline and deliverables (2012 – 2015)</li> </ul>
1725 – 1730	<ul style="list-style-type: none"> <li>• Concluding remarks and closing of the first meeting of the EAG-FRT</li> </ul>