



JPI CLIMATE SCOPING WORKSHOP

TOWARDS JOINT RESEARCH PROGRAMMING ON CLIMATE CHANGE IMPACTS AND ADAPTATION ECONOMICS

(DRAFT, 9.10.2014)

Location: Euro-Mediterranean Center on Climate Change
Island of San Giorgio Maggiore, Venice, Italy

Date: 13 – 14 November 2014

Target Audience: By Invitation. Researchers (economists, climate change adaptation experts, political and social sciences), Stakeholders (policy, industry, civil society), Funding Agencies (national, European, international)

WORKSHOP DESCRIPTION

The Scoping Workshop “**Towards joint research programming on climate change impacts and adaptation economics**” is being organized within the framework of the European Joint Programming Initiative “Connecting Climate Knowledge for Europe” - JPI Climate; www.jpi-climate.eu.

JPI Climate was established in 2009 as collaboration between 14 European countries, the European Commission and four observer institutions to enhance co-ordination and collaboration across Europe on all aspects of climate change research as well as to help connecting science with society.

The **objective** is to discuss development of joint research opportunities on economics of climate change impacts and adaptation in a wider climate policy context. The workshop aims at facilitating dialogue between the scientific community, policy makers and practitioners to identify concrete information and knowledge gaps that need to be addressed to usefully support policy development and decision making in the field of both, climate change adaptation and mitigation.

The workshop will focus on concepts, methods and tools to analyze and assess in an integrated perspective the risks, damage, costs and returns of differential impacts and climate adaptation in their regional, sectoral and temporal distribution. It will focus on the integration between top-down and bottom-up approaches in impacts and adaptation assessment, as well as the analysis of potential benefits of adaptation and synergies between adaptation and mitigation policies or other societal priorities.

The workshop aims to provide an opportunity to analyze the role of economics in societal transformations towards climate-smart and climate-resilient societies in Europe. It shall develop

guidance on relevant research gaps with regard to socio-economic methods that help evaluating climate policy options in the context of risks, uncertainties, trade-offs and feedbacks between both adaptation and mitigation and provide means to overcome institutional barriers to the implementation of robust climate policies.

The outcomes of the discussion are intended to provide input into the development of possible future joint research funding activities to co-ordinate research efforts on climate change and climate change responses in Europe under the auspices of JPI Climate.

MAIN TOPICS FOR DISCUSSION

How to analyze and assess in an integrated framework risks, damages, costs and returns of climate change impacts and adaptation?

How to integrate top-down and bottom up approaches in impacts and adaptation assessment and different regional/national/temporal scales?

What changes are needed in different sectors (energy, building, etc.) and how can sectorial roadmaps for transformation be developed? How can economics contribute to societal transformations towards climate smart and climate resilient societies in Europe?

What are approaches to evaluate climate policy options and measures to deal with institutional barriers in the contexts of risks, uncertainties and feedbacks/possible synergies between adaptation and mitigation?

ORGANIZING AND ADVISORY COMMITTEE

Organizing Committee: Scientific Coordinator Francesco Bosello - CMCC, Italy, Marinella Davide - CMCC, Italy, Fabio Eboli - CMCC, Italy, Kirsten Hollaender - PT DLR, Germany, Ingrid Coninx – Alterra, The Netherlands.

Organisation of Workshop: CMCC and PT DLR.

Advisory Committee: Lisa Almesjö - FORMAS, Sweden, Andries Hof - PBL, The Netherlands, Gregor Laumann - PT DLR, Germany, Antonio Navarra - CMCC, Italy, Roger Street – CIP, United Kingdom, Andrea Tilche – EC.

Background Note:

JPI Climate WG4 Paper “Strategic Research Programming White Paper” on “Economics of the cost and benefits of climate change impacts and adaptation” (draft 2, May 2013) (Lead Authors: Francesco Bosello, Karianne de Bruin, Jesko Hirschfeld, Adriaan Perrels. Contributing Authors: Kirsten Halsnaes, Ekko van Ierland, Rob Swart, Paul Watkiss).

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(DRAFT AGENDA, 9.10.2014)

Day 1. Thursday, 13 November 2014

12:15 - 12:30 Arrival and registration

12:30 - 13:30 *Welcome lunch*

13:30 - 15:30 KEYNOTES

Setting the scene – Where do we stand?

13:30 - 13:50 Introduction from Science Perspective
Carlo **Carraro** - FEEM, CMCC, Ca' Foscari University of Venice, Italy

13:50 - 14:10 Introduction from Stakeholder Perspective
Alice **Lépiassier** - Center for Global Development, United Kingdom

14:10 - 14:30 Introduction from Funding Perspective: Current and future activities
Andrea **Tilche** - EC

14:30 - 15:30 Open discussion

15:30 - 16:00 *Coffee Break*

16:00 - 18:30 PRESENTATIONS AND DISCUSSION OF KEY TOPICS AND GAPS

Setting course – Where should we aim to?

16:00 - 16:20 Key issues, priorities and research gaps in economics of the cost and benefits of climate change impacts and adaptation
Francesco **Bosello** – CMCC, Italy

16:20 - 16:40 Discussant
Paul **Watkiss** - Paul Watkiss Associates, United Kingdom

16:40 - 18:00 Discussion in parallel working groups

18:00 - 18:30 Key Conclusions for follow up in parallel working groups on day 2

Day 2. Friday, 14 November 2014

9:00 - 10:30 PARALLEL WORKING GROUPS CONTINUED: KEY PRIORITIES AND CONCLUSIONS FOR RESEARCH

How do we get there?

Key priority A: Assessing climate induced damages
Moderated by Rob **Swart** - Alterra, The Netherlands

Key priority B: Identifying adaptation costs
Moderated by Jesko **Hirschfeld** - IÖW, Germany

Key priority C: Bridging adaptation and mitigation policies
Moderated by Francesco **Bosello** - CMCC, Italy

10:30 - 11:00 Coffee Break

11:00 - 12:00 PLENARY: TOWARDS AN INTEGRATED RESEARCH AGENDA

12:00 - 12:30 WRAP UP SESSION (PLENARY)

12:30 - 13:30 Lunch and end of the workshop

13:30 - 16:00 ROUND TABLE: FUNDING AGENCIES AND JPI CLIMATE GB (CLOSED)