

Joint Programming
Governance

Workshop
Climate Change Decision Support
Methods and Tools

Amsterdam, 3 October 2011

JPI CLIMATE

Strategic Research Agenda

Vision

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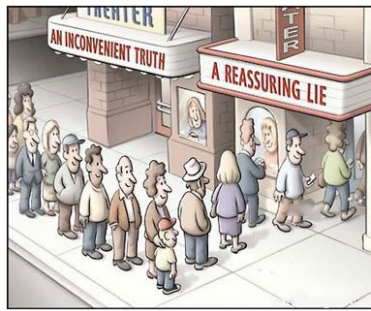
Connecting Climate Knowledge for Europe

JPI Climate - Connecting Climate Knowledge for Europe

Point of Departure and Motivation

Climate Research in Europe

- Multitude of players: 562 partners involved in FP7 projects in 2007-2010
- Considerable national research contributions:
 - EC-FP7: 141,7 Mio EUR (2007-2010)
 - JPI-NRP: more than 200 Mio EUR per year
- Predominantly natural-science based
- Weak link between knowledge production and application (science and decision-makers)



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JPI CLIMATE Countries

Member Countries: 12 + EC

Observer Countries: 3

Observer Institutions: 4
(CIRCLE2, EEA, ECRA, NordForsk)



The Vision

Climate Change is a complex reality, which affects European society at large. It alters the conditions under which our ambitions for sustainable economic development and the objectives of EU 2020 are to be realized.

Understanding and responding to climate change requires coordinated and large-scale European efforts in research and innovation.

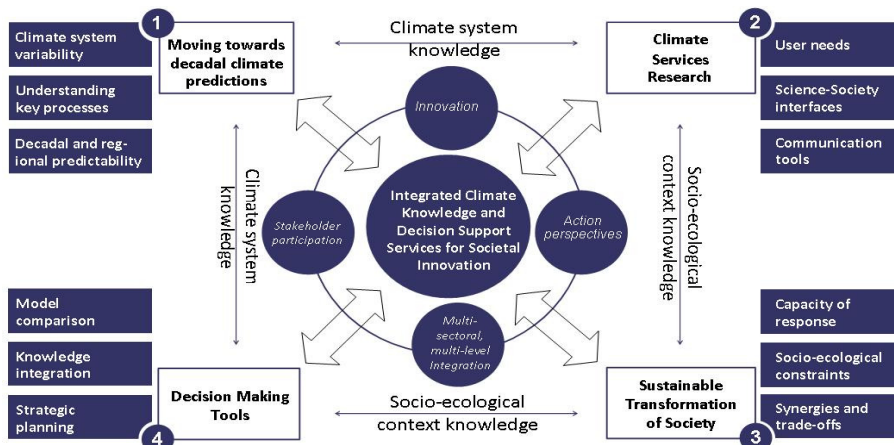
Research, knowledge dissemination and innovation are crucial in helping to confront these challenges and generate new opportunities for sustainable development.

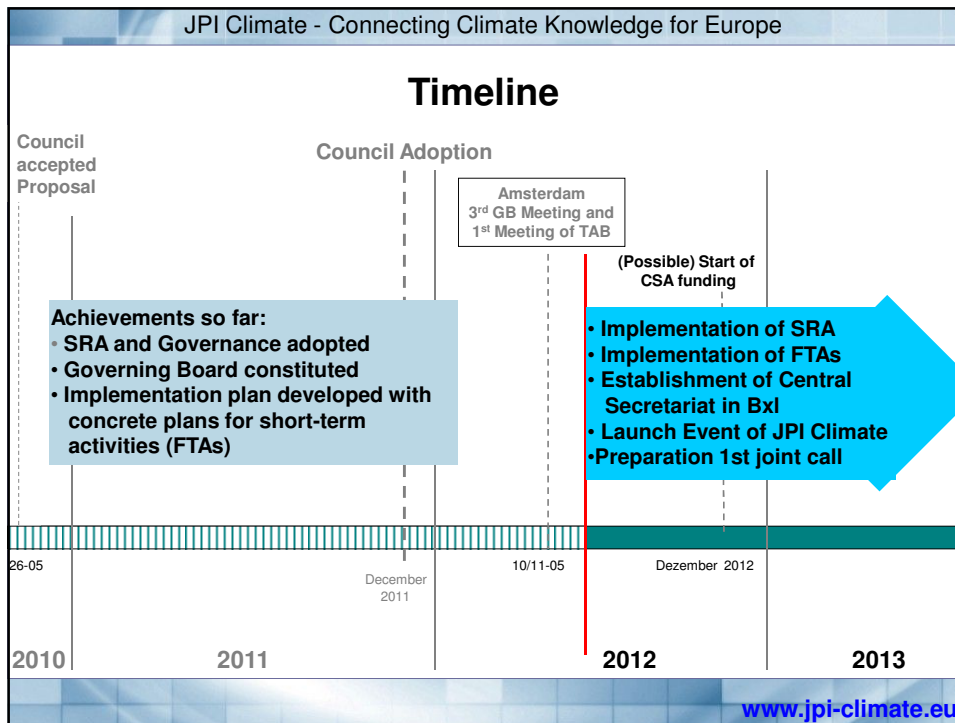
Therefore, the **JPI Climate**:

- Is of “**mainstreaming**” nature and **issue driven** by addressing societal needs in sectors such as energy, urbanisation, economic development etc. Only in the context of other societally relevant aspects it can and will deliver its full added value and problem-solving capacity.
- Pursues an **innovative and transdisciplinary** approach by combining **natural with social sciences** to deliver integrated climate knowledge and decision support services for sustainable, societal innovation

Strategic Research Agenda

4 Modules strongly connected through integrated policy questions





JPI Climate - Connecting Climate Knowledge for Europe

First pilot joint call as test bed for regular joint activities (proposal: 1st half 2013)

JPI Climate credibility requires rapid joint actions!

Main Principles:

- Address the JPI Climate strategic priorities oriented towards societal challenges
- Leverage of JPI Climate member's existing investments through European added value (3 countries at least per project)
- Common scoping, text call, portal, evaluation, selection procedures
- Projects per Module plus cross-cutting eligible
- Topics to be proposed 2nd half 2012

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Module 4: Decision-support methods and tools

Fast track activities

- Develop format and focus of **science-practice laboratories** as a means to co-create climate-relevant knowledge
- Consolidate and extend **Impact Modelling Intercomparison Programme (ISI-MIP)**
- Analyse **effectiveness of knowledge transfer** IPCC AR5
- Strengthen **GHG emissions verification** research
- Develop ideas to account for **different framing of the climate problem** in research projects

KvK/JPI Climate workshop 3 October

Objectives

- present and discuss **intermediate results KvK theme 8**
- present and discuss **state-of-the-art research decision-support methods and tools in Europe**
- develop ideas for **inclusion in JPI Climate Strategic Research Agenda** in general
- develop ideas for **subjects 1st joint call 2013** in particular