



## *JPI Climate Symposium*

*“Taking Stock and inspiring the future”*

*17.+18. Nov., Palacio de Zurbano, Madrid*

Greening the Research System

&

Open Knowledge Guidelines

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- 1. The JPI Climate Governance Principles**
- 2. Greening the Research System**
- 3. Open Knowledge & Open Access**



## The JPI Climate Governance Principles

- Sustainability
- Stakeholder orientation
- Adaptability
- Transparency
- Cost efficiency



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# **Sustainability Principle: The challenges of climate change in the activities of JPI Climate**

## **The 2013 JPI Climate project 'Climate-friendly climate research' (CFCR)**

financed by the Austrian Federal Ministry of Science, Research and Economy  
in  
cooperation with  
the Alliance of Sustainable Universities



## Output:

### 1. Five policy briefs:

- Recommendations in the fields of Mobility, Events, Food, Buildings, Procurement and Research Programming
- 'Feasibility Assessment': Compiling experiences in climate-friendly research
- 'Problem Analysis': Assessing the carbon footprint of the research system
- 'Existing Solutions': Options to reduce the carbon footprint of international research collaboration
- 'Quick Guidelines' towards climate-friendly research cooperation



***Available on the JPI Climate Website***



## 2. Virtual Conferences:

- Virtual Conference 11-15 Nov 2013
- ‘Greening the Research System – Towards Climate Friendly Research’:  
Potsdam, 23-25 Nov 2015 in collaboration with IASS



*Finding practicable solutions to common problems in research*

## 3. Implementation in JPI Climate Calls:

- ‘Societal Transformation’ Call 2013
- ‘Climate Predictability and Interregional Linkages’ Joint Call with Belmont Forum 2015



*Integration of CFCR rationale in research practice*



## Food for thought: Suggestion for activities to be developed further

- Close collaboration with Europe's leading institutions in this regard
- How to lower JPI Climate generated emissions: Monitoring strategy of JPI Climate's activities and behaviour > aiming for a best practice example
- How can the credibility of climate research be enhanced through consideration of our own ecological footprint? > research on psychological barriers and structural / institutionalised pressure



## Transparency Principle:

# Guidelines on Open Knowledge

CSA WP 4



## Why do we need Guidelines on Open Knowledge in JPI Climate?

- The scientific landscape is changing: new information technologies & media: EC & H2020 assume the relevance of Open Knowledge
- A key issue for the ERAC-GPC: “knowledge management systems”
- Public funding = responsibility to act in a transparent way
- Contribution to “connecting climate knowledge for Europe”
- JPI Climate Governance Principle of “transparency”
- Guidelines are necessary for implementation and operationalisation of this principle for users



## Executive summary

The *JPI Climate Guidelines on Open Knowledge* consist of a set of policy recommendations at both **internal** (i.e. JPI Climate network governance) and **external** (i.e. JPI Climate network activities) level.

They are mainly focused on **accessibility issues** (i.e. Open Access to research publications and data), keeping in mind the wider context of the so-called “**Open Knowledge**” approach, i.e. emphasizing the need to make (climate) knowledge creation, transfer and exchange more transparent and interactive in order to contribute to **narrow the gap between climate research communities and societal actors**.

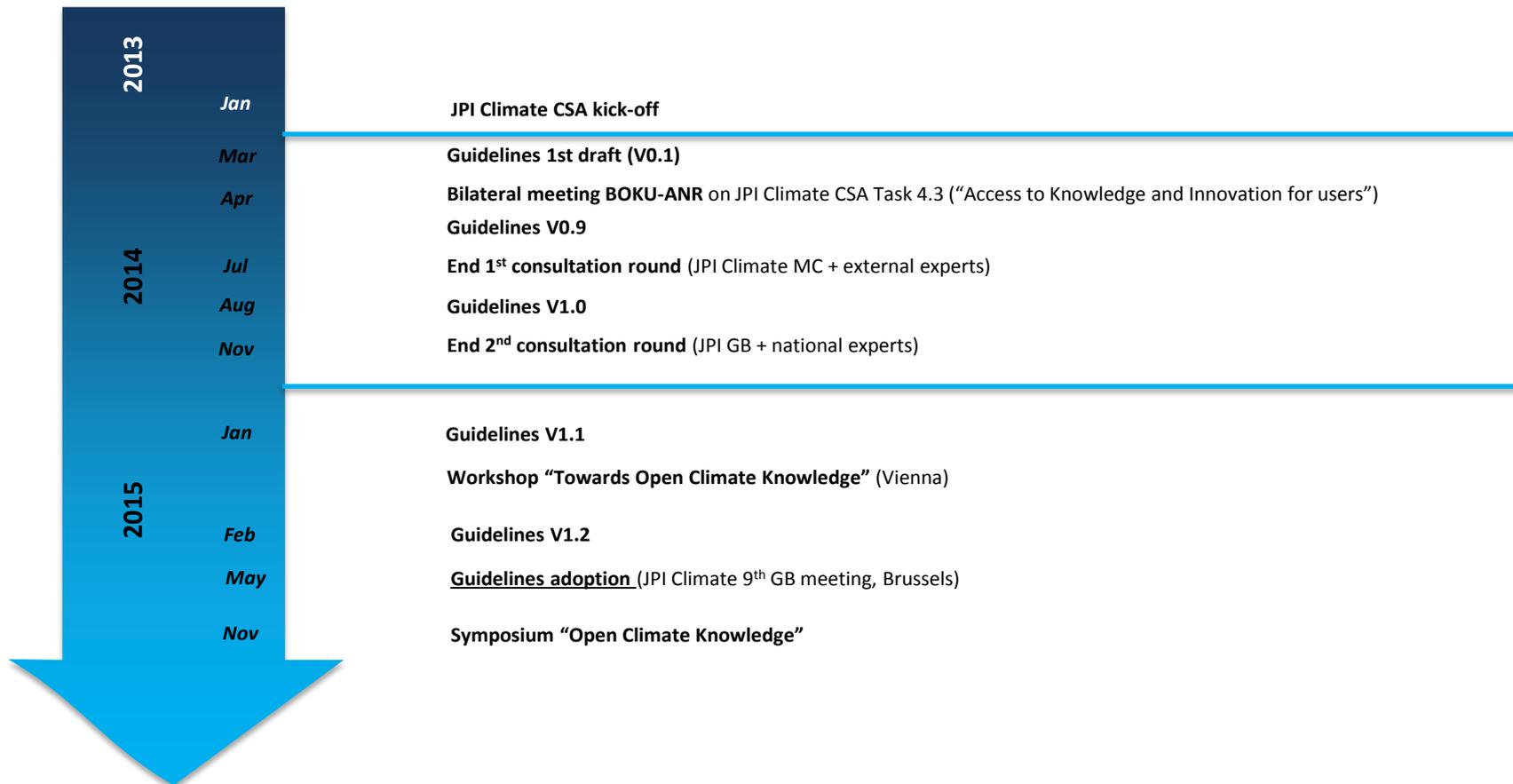
The *Guidelines* are conceived to serve not only the network of research funders and other actors taking part in this JPI, but also to provide **practical guidance and examples to the scientific community** in a wide sense, including non-academic stakeholders (i.e. practitioners, policy makers and the civil society) dealing with the various societal challenges Europe is facing.



*Available formats of the “JPI Climate Guidelines to Open Knowledge”*  
**Standard version (32p)**  
**Short version (9p)**



## Roadmap: Guidelines on Open Knowledge (BOKU, ANR, DLR)





## Results of the Workshop : *Recommendations for JPI Climate & in particular for ERA4CS:*

- to try to copy already existing policies rather than making new regulations which might have little real impact in research communities;
- to work more closely with actors like publishers and societies.
- The need to define what aspects of quality JPI Climate is interested in to promote and fund. It is suggested to collaborate with Copernicus on determining these aspects.
- Equally, metadata has to be specified according the kind of research.
- Regarding the development of new scientific fields (i.e. “data science”), JPI Climate was asked to position itself.

## Results of the Symposium: *Further issues to be discussed*

1. Availability and Access (OA to publications, research data)
2. Re-use and redistribution (Open Source, Open Linked Data, E-Infrastructures)
3. Universal Participation (Science-Policy Interactions, Science-Society Interactions)