



# Joint Programming Initiative "Connecting Climate Knowledge for Europe"

## Update of the Strategic Research Agenda

### Consultation

#### About this consultation

Thank you for your interest in the process of revision of the Strategic Research Agenda (SRA) from the [Joint Programming Initiative "Connecting Climate Knowledge for Europe" \(JPI Climate\)](#).

JPI Climate is an intergovernmental initiative gathering 20 European countries to jointly coordinate climate research and fund new transnational research initiatives. JPI Climate connects scientific disciplines, enables cross-border research and increases the science- practice interaction.

You can find the current draft of the revised SRA [here](#). The following questionnaire is based on this document, so we encourage you to read it before completing the questionnaire. For your convenience, you can find an overview of the questionnaire [here](#). This questionnaire can be distributed within your organisation and a consolidated final version can be submitted by copying the responses to this online form.

One of the aims of this consultation is to get information on what issues should be prioritised within JPI Climate to respond to the challenges proposed in the revised SRA, and how those issues could be tackled effectively and efficiently.

Your responses will allow us to better understand where JPI Climate can add highest value and have the greatest impact.

The questions below are intended to seek your input on potential needs, actions and tools that can address the proposed JPI Climate challenges, keeping in mind that this initiative has a long-term perspective and that it can use various kinds of activities and instruments. In order to explain the meaning of the terms "needs/gaps", "action" and "tool/instrument" used in the questionnaire, please see these [specifications on requested input](#).

While we appreciate all contributions made, please be advised that the inputs received will go through a consolidation phase, including further considerations and contributions to be made by the JPI Climate Transdisciplinary Advisory Board ([TAB](#)). The consolidated inputs will then be brought to the JPI Climate Governing Board ([GB](#)) for ultimate decisions on the SRA and its implementation.

If you have any questions regarding this consultation, including technical problems, please contact [secretariat@jpi-climate.belspo.be](mailto:secretariat@jpi-climate.belspo.be). For more information about JPI Climate, please visit our [website](#).

Thank you for taking the time to contribute to this consultation.



## QUESTIONNAIRE

1. Are you responding to this questionnaire on your own behalf?

Yes

No, on behalf of

an organisation/association/project/initiative

European Marine Board <http://marineboard.eu/>

***(Max. 2000 characters including spaces)***

2. Do you have specific suggestions to improve the strategic objectives within this SRA?

When preparing your answer, please take into consideration the following aspects:

- the structure of the updated SRA,
- the added value of JPI Climate,
- the role of JPI Climate in the context of the existing climate change research (and innovation) landscape.

The European Marine Board appreciates the identified high-level challenges in this revised Strategic Research Agenda and the roles of JPI Climate in providing a strategic mechanism to connect the issues and actors.

Climate change affects all regions and sectors. The European Marine Board has over the years addressed the climate research challenges and delivered recommendations through its expert work groups and open forum (see list of references in section 5). In October 2015, the ocean science communities of Europe and the North America, through the combined voices of the European Marine Board and the Consortium for Ocean Leadership jointly issued a Consensus Statement ([website](#)) calling for recognition of the ocean in climate actions and support for long-term ocean-climate research and observation programmes. Our **research communities stand ready to work across borders and disciplines towards a greater understanding of the ocean-climate nexus and to communicate scientific knowledge to support ocean stewardship and measures to understand, mitigate and adapt to global change.**

The mission of the European Marine Board is to provide a platform for its member organizations to develop common priorities, to advance marine research and to bridge the gap between science and policy. Through JPI Climate's role to *draw from the experience of interaction with existing initiatives and network in this area and stays open*, as noted in the SRA, the EMB looks forward to future interactions and collaborations with JPI Climate.

*(Max. 2000 characters including spaces)*



3. Do you have specific suggestions to improve the scope of the identified challenges, identifying potential needs/gaps within each challenge?

**Challenge 1: *Understanding the processes and consequences of climate change***

EMB has no specific suggestions to the challenges.

Needs/Gaps:

**Challenge 2: *Improving knowledge on climate-related decision-making processes and measures***

EMB has no specific suggestions to the challenges.

Needs/Gaps:

**Challenge 3: *Researching sustainable societal transformation in the context of climate change***

EMB has no specific suggestions to the challenges.

Needs/Gaps:

*(Max. 2000 characters, including spaces, per challenge)*

4. In your opinion, what are the **5 most suitable actions** required to achieve the identified challenges and the various tools/instruments needed to implement these actions?

When suggesting actions please identify the priority of the action (**high**: to be implemented within the next two years; **medium**: to be implemented within the next five years; **low**: to be implemented after the next five years) and justify this priority.

Action	This action would contribute to challenge(s) (1/2/3)	Priority (high/medium/low)	Justification of the priority	Tools/instruments to implement this action
Defining flagship activities jointly with research community	1	high	The defined research activity can catalyse transdisciplinary cooperation and kick off the process of new knowledge generation.	Analysing existing research agenda and through discussions in open conferences.

*(Max. 2000 characters, including spaces, per action)*

5. Do you have additional comments (that do not fit under the previous questions)?

About European Marine Board

European Marine Board is Europe's foremost think tank for marine science policy. It is a partnership of major national marine science institutes, research funding agencies and national networks of universities, facilitating enhanced cooperation towards development of a common vision on the research priorities and strategies for marine science in Europe. In 2016, European Marine Board represents 35 member organizations from 18 countries.

References:

1. Climate Change and Marine Ecosystem Research: Synthesis of European Research on the Effects of Climate Change on Marine Environments, EMB Special Report FP7 CLAMER Special report ([Hulp C. et al, 2011](#))
2. Getting Ready for an Ice-free Arctic, EMB Science Commentary ([Haugan P., 2013](#))
3. Pan-European Analysis of the SEAS-ERA Sea Basin Strategic Research Agenda ([EMB, 2014](#))
4. Changing oceans in a changing Earth system, Navigating the Future IV Ch.3 ([EMB, 2014](#))
5. Arctic 2050: Towards ecosystem-based management in a changing Arctic Ocean, 4<sup>th</sup> EMB Forum 2014 and Forum Proceeding ([EMB, 2014](#))
6. Land beneath the waves: submerged landscapes and sea level change, EMB Position Paper 21 ([Flemming N.C. et al, 2014](#))
7. How our ancestors adapted to sea-level change?, EMB Policy Brief 1 ([Chu N.-C. et al., 2015](#))
8. The Critical Role of Ocean Science in Responding to Climate Change ([Schulz M. et al., 2015](#))

*(Max. 2000 characters including spaces)*



6. Please describe any national programmes or climate-related research activities currently being pursued at the national level in your country that may be relevant to the challenges of JPI Climate.

N/A

*(Max. 2000 characters including spaces)*

## 7. Contact details

**Name****Surname****E-mail**

If you are responding to this questionnaire on behalf of an organisation/association/project/initiative, please provide the following details:

***Full name of the organisation/association/project/initiative******Your role within the organisation/association/project/initiative******Webpage******Country***