

## 2nd JPI Climate Scoping Forum Symposium 9/10 December 2020

### *Providing Knowledge for a climate neutral and resilient Europe*

#### Session A - Co-designing research for multi-sectoral, multi-faceted risk assessment

#### **How to accelerate inter- and transdisciplinary research for adaptation and mitigation?**

##### Background and objectives

It is currently widely accepted that inter- and transdisciplinary approaches are indispensable in order to address complex societal challenges, such as climate change (adaptation and mitigation).

The focus of this break-out group is on transdisciplinary research, which combines knowledge from different scientific disciplines with that of public and private sector stakeholders and citizens<sup>1</sup>.

The key objectives of this break-out group include:

- To learn more about successful concrete transdisciplinary research approaches;
- To develop proposals on how to improve existing/upcoming transdisciplinary research programmes.

##### Approach and elements of discussion

We will set the scene with short oral presentations of concrete examples of successful transdisciplinary research approaches in climate change. This will be followed by a general discussion with the participants, focused on the following elements:

- Are you aware of outstanding transdisciplinary research approaches that have been implemented successfully in recent years (either in climate change or other thematic areas)?
- What is the practical added value of such transdisciplinary research approaches?
- What are the main gaps and shortcomings in existing research approaches with regards to transdisciplinarity?

##### Expected outcomes

The discussions in this break-out group are expected to contribute to the following outcomes:

- A better common understanding of quality standards for transdisciplinary research approaches;
- Identification of ongoing processes where the results of this break-out group could feed in.

##### Agenda

**Chair:** Wolfgang Pfefferkorn (JPI Climate Transdisciplinary Advisory Board/CIPRA)

**Rapporteur:** Alexandre Fernandes (JPI Climate Central Secretariat/BELSPO)

##### Round 1 (40 min)

**1. Introduction**, by Wolfgang Pfefferkorn

**2. Tour de table** (presentation of the different types of participants)

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<sup>1</sup> [http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=DSTI/STP/GSF\(2020\)4/FINAL&docLanguage=En](http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=DSTI/STP/GSF(2020)4/FINAL&docLanguage=En)

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**3. Setting the scene: Implementing transdisciplinarity through community science: Lessons from the Thriving Earth Exchange**, by Kevin Noone (*Chair of the Advisory Board, Thriving Earth Exchange/Stockholm Resilience Center*)

**4. Discussion based on the key questions presented**

**5. Summary of discussions**

#### **Round 2 (40 min)**

**1. Recap of the main messages from round 1**, by Wolfgang Pfefferkorn/Alexandre Fernandes

**2. Tour de table** (*presentation of the different types of participants*)

**3. Setting the scene: Implementing transdisciplinarity through community science: Lessons from the Thriving Earth Exchange**, by Kevin Noone (*Chair of the Advisory Board, Thriving Earth Exchange/Stockholm Resilience Center*)

**4. Discussion based on the key questions presented**

**5. Summary of discussions and conclusions**

