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-facetted risk assessment
World Café session: Next level of Climate Services research

Discussion Table 4. How to improve quality assurance and standardization of Climate Services?

Chair: Franz Immler, Head of sector Climate Action, EASME
Rapporteur : Alessia Pietrosanti, Project Adviser Climate Services, EASME

Invited speaker: Celine Phillips, Climate Change Adaptation Programme Manager
ADEME, French Agency for Ecological Transition

Background:

In the last decade, the field of climate services (CS) has moved from the first pioneering applications to a number of solutions that reached operational maturity, also supported by significant research and innovation funding at the European level. In most cases, these experiences brought together several actors along the value chain and highlighted the need to adopt shared practices and protocols in order to **build trust** across supply and demand, **guarantee the quality and suitability** of the proposed CS, as well as to **facilitate replication** to further use cases and sectors, **and scale-up**.

Standards enable fast and wide uptake of technological and non-technological solutions, and stimulate comparable and competitive offers. This is why standards and related quality assurance play a crucial play a crucial role in delivering on the European Green Deal objectives.

At the European level, CEN-CENELEC is working on standardization activities in the field of adaptation to climate change and produced the guidance document 'Guide for addressing climate change adaptation in standards'. At the International level, in 2019 ISO issued ISO 14090 Adaptation to climate change — Principles, requirements and guidelines

Although such standards broadly cover adaptation activities, and some standards do exist for some components of climate services, a coherent framework of authoritative standards for the overall value chain, in particular for services tailored to end-users, is missing.

Guiding questions

- Which key aspects of climate services development and delivery ensure the quality of the services?

- Which are the available good practices/references and standardized/established methodologies, to build on?

- What are the key actors and organizations to engage with towards the standardization of climate services?