# JPI Climate –
# Research for Climate Service Development

Joint Programming Initiative Climate, Module 2

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KNMI, De Bilt, 01.07.2013

# Set-up

1. What is JPI Climate?

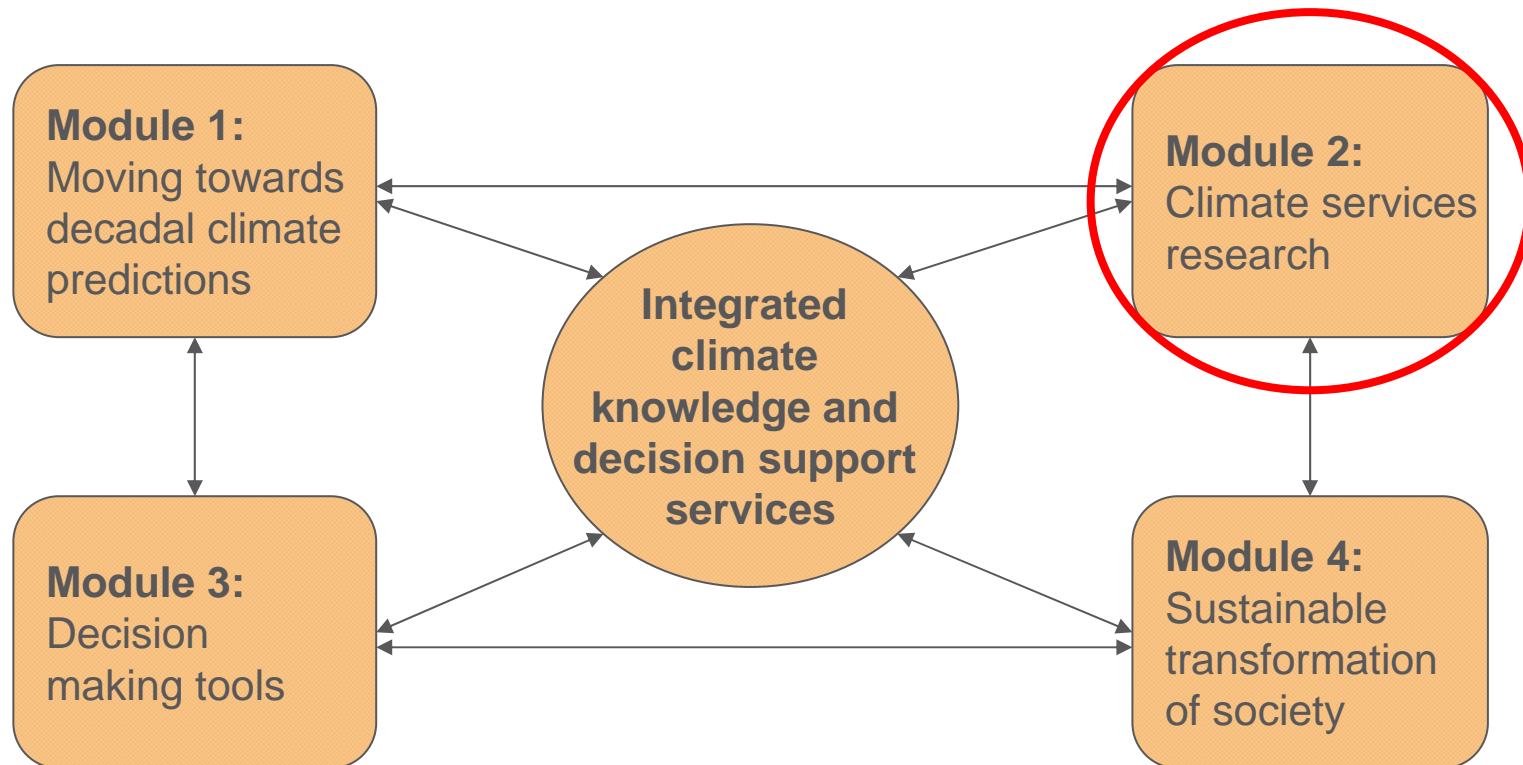2. The JPI Climate Module 2

3. FTA 2.1 Mapping user requirements

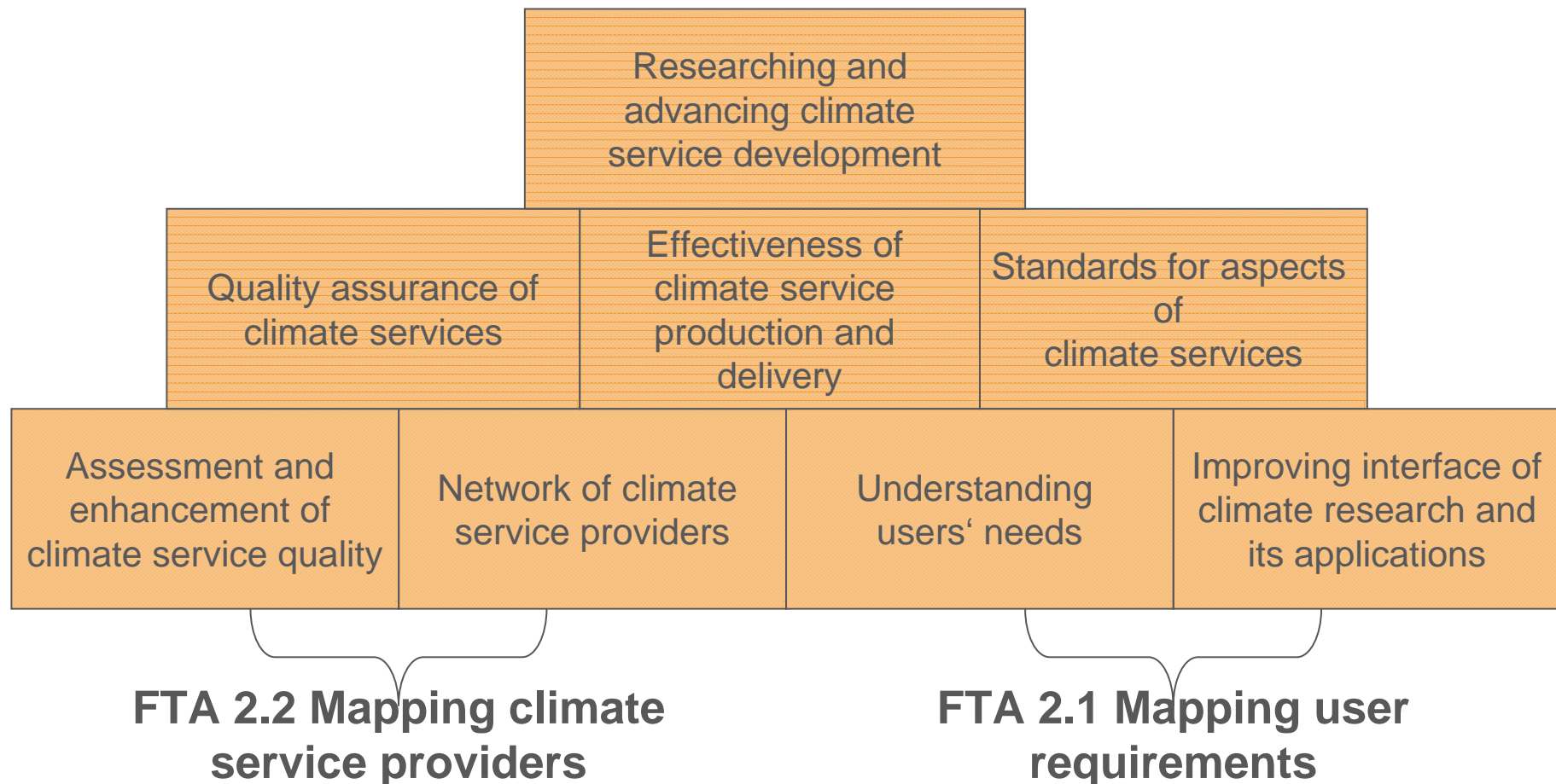4. FTA 2.2 Mapping climate service provider within Europe

5. National dialogues

# JPI Climate

## Connecting – Coordinating – Integrating
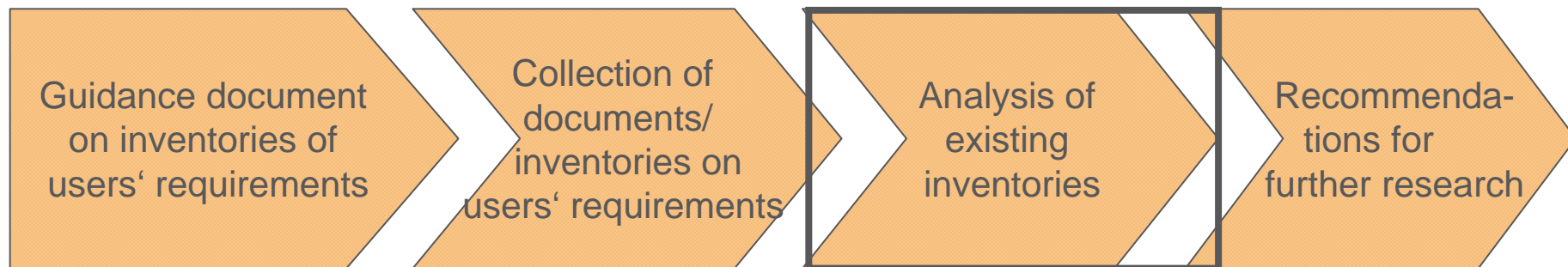
# Module 2: Research for climate service development

# FTA 2.1  Mapping users' requirements

**Aim of JPI Climate:**
Improve the transfer of data, information and knowledge about climate and climate change to society and within Europe.

Better dissemination requires proper knowledge on users' needs, which set the scope for the relevance of the data/information/knowledge.

**Activities**

Guidance document on inventories of users' requirements → Collection of documents/ inventories on users' requirements → Analysis of existing inventories → Recommenda-tions for further research

# FTA 2.1  Guidance document

**Aim:**
- To support/encourage others to undertake inventories
- Disseminate experiences and good/bad practices
- What do we actually need to know about users?

**Interactive process**

Courtesy: Markku Rummukainen (SMHI)

# FTA 2.1  Analysis inventories

- Documents collected from countries, European projects (e.g. Eclise, EURO4M, IS-ENES, RIMAROCC, …)
- Analysis started


- Much not documented
- Mainly documented what users ask for, not why (except in case studies)

# FTA 2.1: Expected results

- Guidance document, based on best practice examples, to support/encourage others to undertake similar national dialogues and inventories
- Overview similarities + differences requirements between sectors, countries
- Overview knowledge gaps + suggestions for further research.

# FTA 2.2 Mapping climate service providers within Europe

**Definition of terms**

*Climate service*
User driven development and provision of knowledge for understanding climate, climate change and its impacts, as well as guidance in its use to researchers and decision makers in policy and business.

*Climate service provider*
Produces its own climate data and adds value for users.

*Climate service purveyor*
Uses climate data available from other providers and adds value for users.
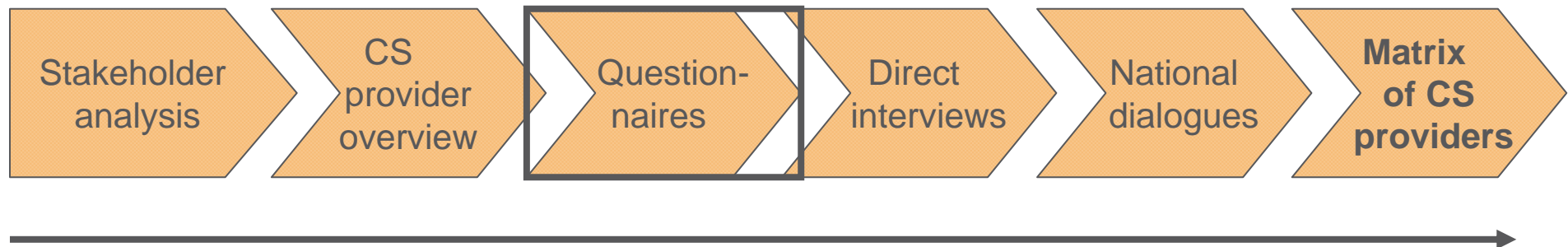
# FTA 2.2 Mapping climate service providers within Europe

**Objectives**
- Review the current capabilities for providing climate services
- Lay the ground for a mid to long-term multi-disciplinary research on governance of climate services

**Proceeding**
- Initial pilot study for Germany
- Development of guidance document for other JPI member states
- Initiate and support mapping activities in other JPI member states

# Activities in Germany

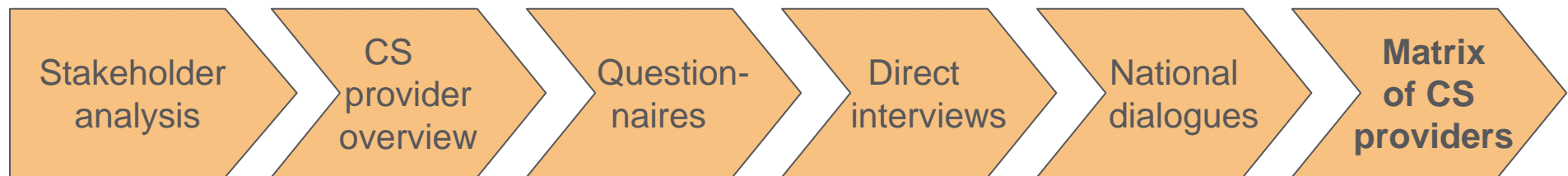Stakeholder analysis → CS provider overview → Question-naires → Direct interviews → National dialogues → **Matrix of CS providers**

Expansion of climate service provider data base
Continuous work on guidance document
Cooperations with other climate service initiatives

# Activities in Germany

Stakeholder analysis → CS provider overview → Question-naires → Direct interviews → National dialogues → **Matrix of CS providers**

Questionnaires:
Beyond typical inventories
Ask:
- Why provision of CS
- How provision of CS
- Portfolio of CS

Matrix of CS providers:
- Categories to be defined after data collection
- Reflect nature and scope of CS providers and their portfolio
- Identify gaps in knowledge about CS
- Linking matrixes in all JPI countries

# National dialogues

- Workshops with climate service providers and users
- Link of FTA 2.1 and FTA 2.2

- Aims:
    - Networking
    - Exchange expertise about and experiences with climate services
    - Develope indicators for quality standards of climate services

→Idea: Development of a certification tool for climate services
        - Securing usage of valueable climate data for climate services



Impressions of the Austrian National Dialogues

http://ccca.boku.ac.at/?page_id=697

Koninklijk Nederlands
Meteorologisch Instituut
Ministerie van Infrastructuur en Milieu

CSC
Climate Service Center
Germany

An Institution of Helmholtz-Zentrum Geesthacht

# Thank you for your attention!



participating

observer

http://www.jpi-climate.eu/204.php