

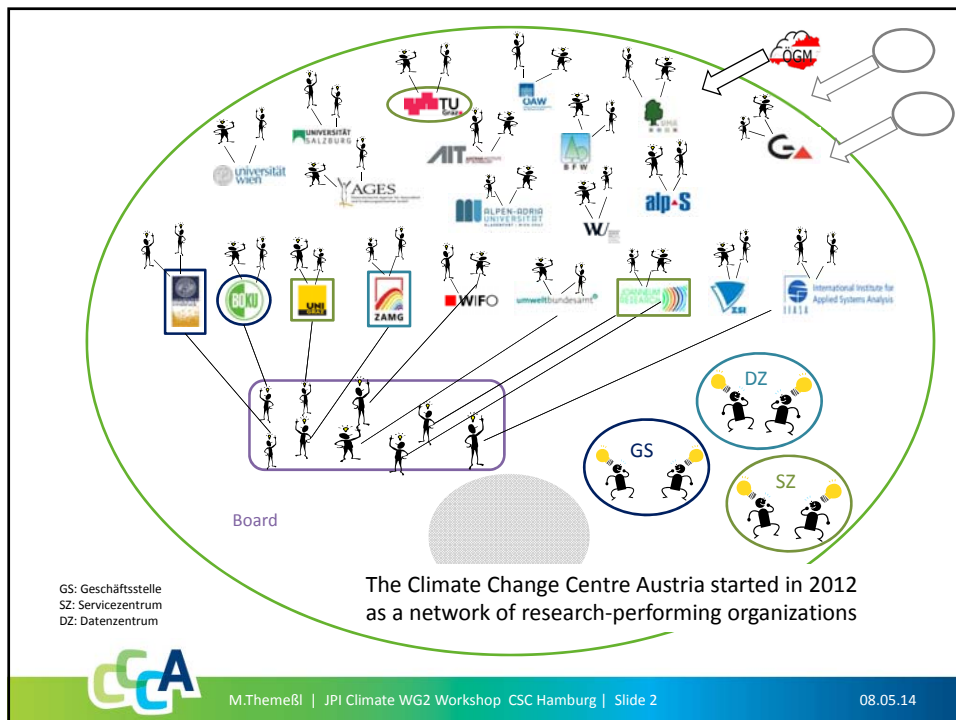


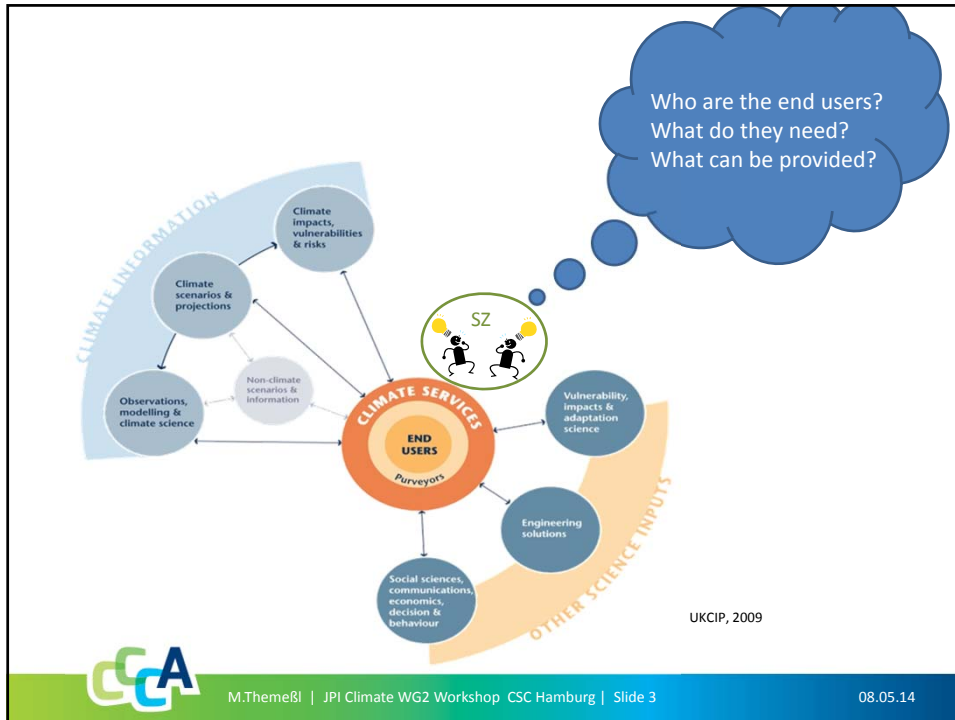
Climate service providers and users' requirements – Results from national dialogs in Austria

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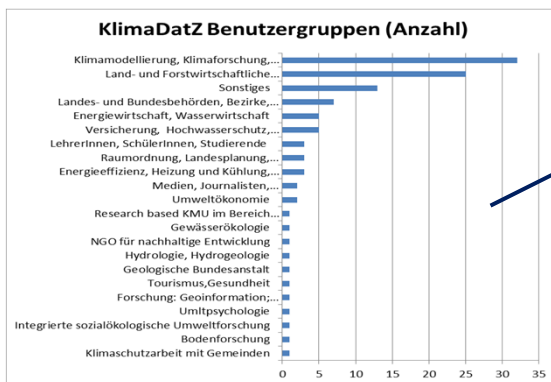


Hamburg, May 8, 2014





Identification of users and providers



User sectors

1. Climate research
2. Agriculture and forestry
3. Administration
4. Energy
5. Insurance
6. Education
7. Spatial/regional planning
8. Media

Providers

1. University/research facility
2. Met Service
3. SME

Based on national survey with 125 participants

BUT: Focus on data needs



Objective(s) of 1st national dialog (Oct 2012)

The objectives of the workshop:

1. Visualize already existing national and international research and practice in the context of climate services
2. Develop a common understanding of climate services
3. Discuss requirements for useful climate services from different perspectives
4. Identify challenges and research needs for future climate services
5. Scan the potential for inter- and transdisciplinary work and projects and
6. Develop first “pioneer” projects as good practice examples

Supported by the Austrian ministry of science and research



M.Themeßl | JPI Climate WG2 Workshop CSC Hamburg | Slide 5

08.05.14

1st National dialog – concept & objectives

2-day workshop conceived for

Providers/Scientists

- What are the scientific challenges and research needs concerning climate services
- All disciplines included form physical basis to socioeconomic impacts including mitigation and adaptation aspects

End-users

- What are the challenges and requirements for users e.g. from administration, politics and economic sectors?
- Agriculture, forestry, administration, energy sector, real estate, emergency/catastrophe management, tourism, industry, insurance
- Expert users as well as non-experts

→60 equally distributed participants (150 invited)



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Concept of national dialog

- Conceived by process team/scientific team
- 3 keynotes (Brasseur, Street, Faust)
- Used different (open space) discussion methodologies to „enable“ a dialog platform

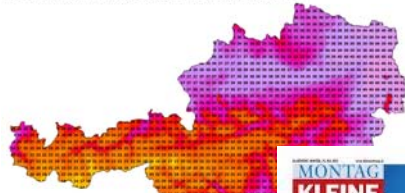
Listen and discussion among equals



Regional dialog

- Federal state level
- Specific thematic focus – HEAT

Mögliche Höchsttemperaturen am Sonntag, 14 Uhr.



Regional dialog

Objective:

1. Mapping user requirements (mainly administration, federal departments,...)
2. Presenting regional competences/providers
3. Connecting both communities!! → FOSTER DISUCSSION/EXCHANGE



Connecting people



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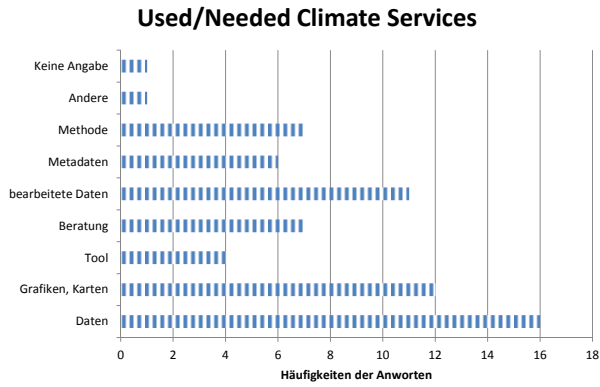
Regional dialog - Facts

- 4 hours
- ~ 30 participants
- Moderated (enables to participate)
- Included journalist as external observer, inter-linkage between researchers and administration



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Speed expert dialog – current atmosphere



Needs

1. (Raw) Data
2. Graphs, Maps
3. Processed Data
4. Methods and Tools
5. Guidance

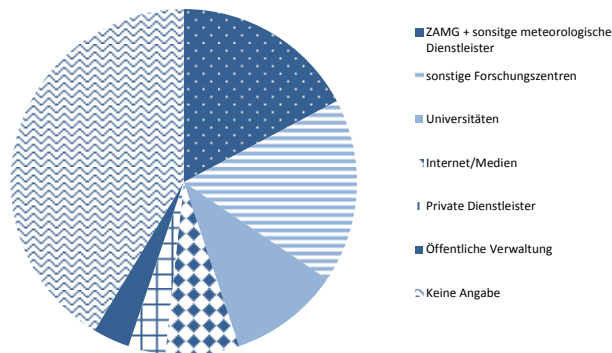
Sample size 50

Results biased as most participants were expert users



Speed expert dialog

Data sources



Sample size 50

Majority of users did not/could not indicate their used data sources



Key lessons learned

1. Organizational issues

- Do not solely rely on email invitation! Telephone calls, Fax or even „oldschool“ invitation letters make a huge difference
- Web-discussion forum completely failed

2. Workshop findings

- In Austria CS are primarily provided by universities and the national Met Service
→ services are mostly data driven!
- Scattered landscape of information/products complicates the user's choice due to lack of quality standards and signs users rely on known providers
- Overview, guidance and summarized climate related information is at least as important as specific data needs (depending on user groups)
 - If no expert users are included hardly specific data needs are
- Catalog of reliable parameters



Key lessons learned

Workshop findings cont.

- Options for action, application tools are missing (risks, costs,...)
 - Different expectations between users and providers
 - Climate lobbyists needed
 - Interested sectors/fields (to continue collaboration)
 - spatial planning/urban development !
 - Tourism (especially winter tourism) !
 - Agriculture (wine)
 - Infrastructure (railway, roads)
 - Health Sector
- Without preparation data requirements are overcharging
→ Questions on working fields/problems



Key lessons learned

Workshop findings cont.

- Communication aspects are still very weak in CS (both directions! need of inclusion of social scientists and communication experts)
 - Glossary
 - Capacity building!
- Diverse opinions in scientific community are hardly understood (guidance, communication, capacity building needed)
- Emotions are missing in the discussion (communication!)
- Discussion support systems as national dialog are appreciated as climate service
 - Thematic workshops will be continued (at least 4, + new consultancy activity)
 - Face to face meetings highly appreciated

Thank you for your attention

