

Climate Change Centre Austria CCCA

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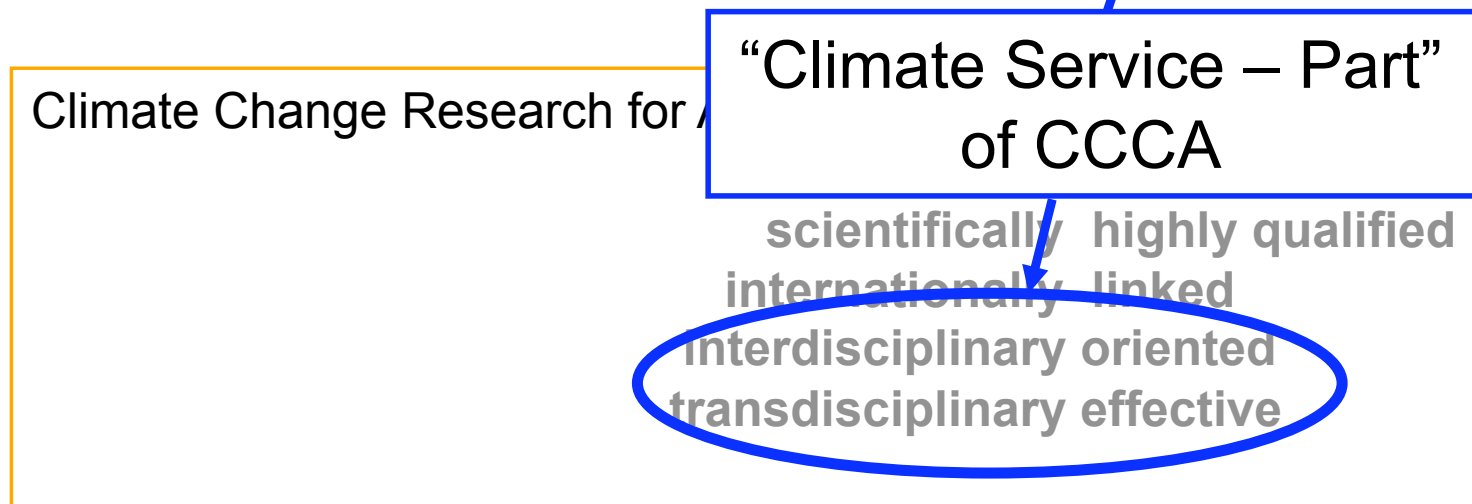
Joint CIRCLE-2 and JPI Climate Scoping Workshop
“Processes for improving the interface between climate research and its application: sharing experiences on climate services development in Europe”
8. + 9. November 2011, Bologna, Italy

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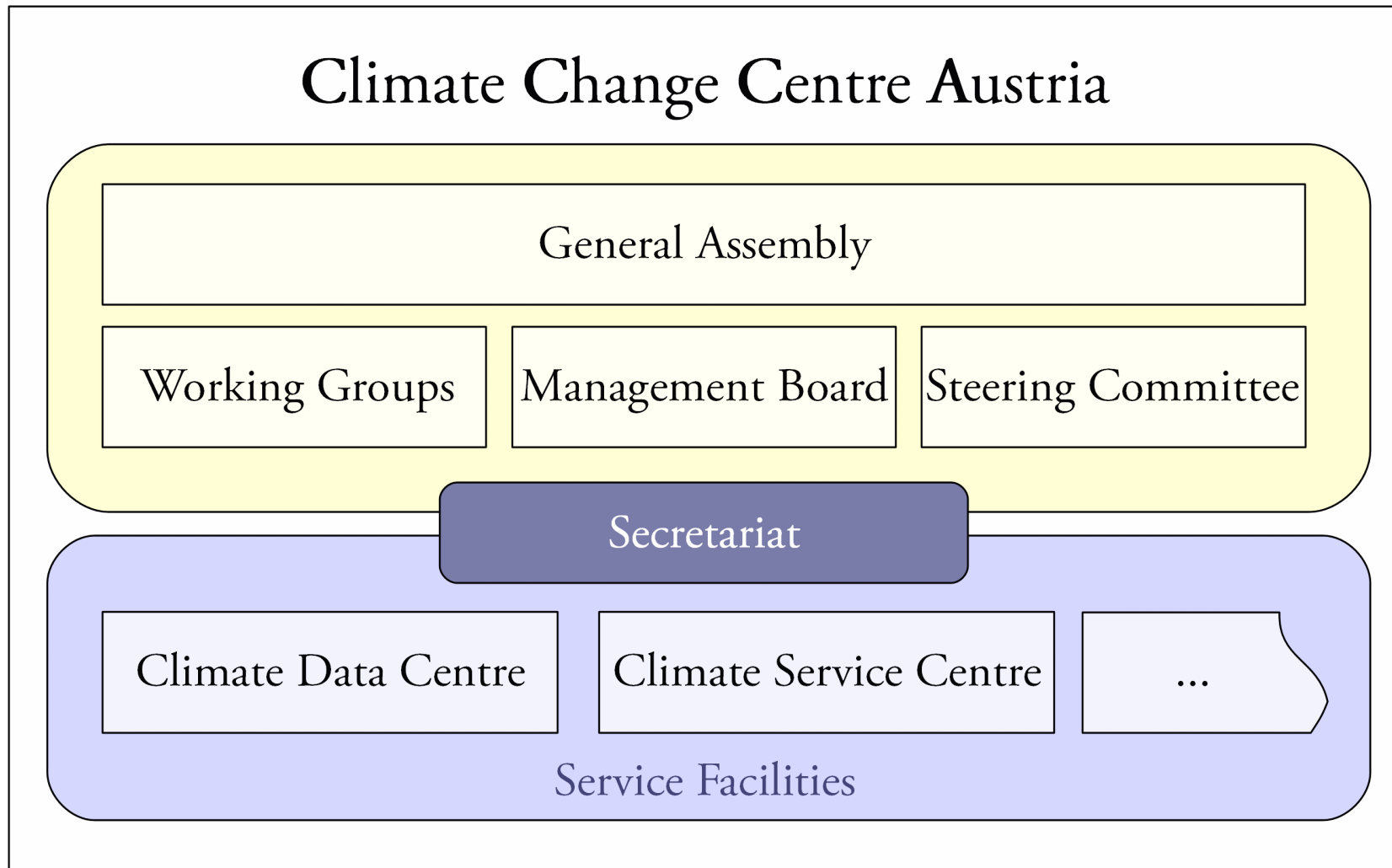
Vision

The CCCA is a **cooperation** of Austrian universities and non-university **organizations in the field of climate research**, with the aim to foster:

high quality, internationally visible, strengthened climate research in Austria, embedded in society



Climate Change Centre Austria (CCCA) Structure



Climate Change Centre Austria (CCCA)

Status (1)

- Two year preparation/coordination phase
- Established in July 2011
- Initiative and funding is currently mainly bottom up (i.e. from the member organizations)
- Minor additional funding is available from the BMWF (federal ministry of science and research)
- Currently 17 member organizations (universities, research institutions)

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Members

- Agentur für Gesundheit und Ernährungssicherheit (AGES)
- alpS-Centre for Climate Change Adaptation Technologies (alpS)
- Austrian Institute of Technology (AIT)
- Geologische Bundesanstalt (GBA)
- International Institute for Applied Systems Analysis (IIASA)
- Joanneum Research (JR)
- Österreichisches Institut für Wirtschaftsforschung (WIFO)
- Technische Universität Graz (TU Graz)
- Technische Universität Wien (TU Wien)
- Umweltbundesamt GmbH (UBA)
- Universität für Bodenkultur, Wien (BOKU)
- Universität Graz (UniGraz)
- Universität Innsbruck (Uni Innsbruck)
- Universität Klagenfurt (AAU)
- Wirtschaftsuniversität Wien (WU)
- Zentralanstalt für Meteorologie und Geodynamik (ZAMG)
- Zentrum für Soziale Innovation (ZSI)

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Status (2)

Accompanying activities:

- KlimDatZ (ACRP project)
- APCC (ACRP project)

CCCA Units, currently being established:

- CCCA Secretariat (BOKU Vienna)
- Climate Data Centre (ZAMG)
- Climate Service Centre (UNIGRAZ, TU GRAZ, JR)

Next step:

- CCCA general assembly (11.11.2011) with the main goal of shaping the three units.

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Activities (1)

Concept for an Austrian Climate Data Center

(project “KlimDatZ” funded by the Austrian Climate Research Program)

- Objective: To draft an Austrian Climate Data Centre
- Cooperation of 2 universities, ZAMG, JR (non-university research), UBA (federal agency for environment).
- Timeline: 2010-2011 (finished)

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Activities (2)

Austrian Panel on Climate Change

(project “APCC“ funded by the Austrian Climate Research Program)

- Objective: Create a regional climate change assessment report for Austria (AAR1)
- Integrates major players of Austrian climate research
- Timeline (organization, writing, review): 2011-2013
- Table of contents:
 - VOL 1 **Science** of Climate Change: Austrian and Global Perspective
 - VOL 2 **Impacts** of Climate Change in Austria and Key Vulnerabilities
 - VOL 3 Needs and Opportunities for **Adaptation and Mitigation**

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Activities (2)

Austrian Panel on Climate Change

(project funded by the Austrian Climate Research Programme)

VOL 1 Science of Climate Change: Austrian and Global Perspective

1. Climate forcings and feedbacks
2. Emissions and Concentrations (GHG, aerosols)
3. Observed Climate
4. Future Climate
5. Summary, Guidance, Outlook, Surprises

VOL 2 Impacts of Climate Change in Austria and Key Vulnerabilities

1. Methods for Assessing Impacts and Sensitivity
2. Climate Change Impacts on the Hydrosphere
3. Climate Change Impacts on the Biosphere
4. Climate Change Impacts on the Geosphere
5. Physical Climate Change Impacts on Humankind
6. Socioeconomic Climate Change Impacts and Sensitivity

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Activities (2)

Austrian Panel on Climate Change

(project funded by the Austrian Climate Research Programme)

VOL 3 Needs and Opportunities for **Adaptation and Mitigation**

1. Adaptation and Mitigation
2. Agriculture and Forestry, Water, Ecosystems & Biodiversity
3. Energy and Transport
4. Health and Tourism
5. Production and Buildings
6. Transformation Paths

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Activities (3)

CCCA Secretariat

(a unit of the CCCA)

– DRAFT –

The CCCA Secretariat is currently being shaped!

- Administrative support to the CCCA management board and to the other units
- Point of contact
- Distribution of information
- Preparation of CCCA activities
- Ensure continuity of activities

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Activities (4)

Climate Data Centre Austria

(a unit of the CCCA)

– DRAFT –

The Climate Data Centre is currently being shaped!

- Access to data: from meteorological to socio-economic and political, quantitative as well as qualitative in nature, including meta-information
- Access to models
- Access to computing capacity
- Access to study results and literature

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Activities (5)

Climate Service Centre Austria

(a unit of the CCCA)

– DRAFT –

The Climate Service Centre is currently being shaped!

- Contact point for climate information requests from science, politics, business and the public.
- Facilitation of communication between different scientific disciplines and organizations.
- Facilitation of communication between science and users of climate knowledge.
- Prepare summary products (e.g., fact sheets on specific topics).

Thanks for attention!