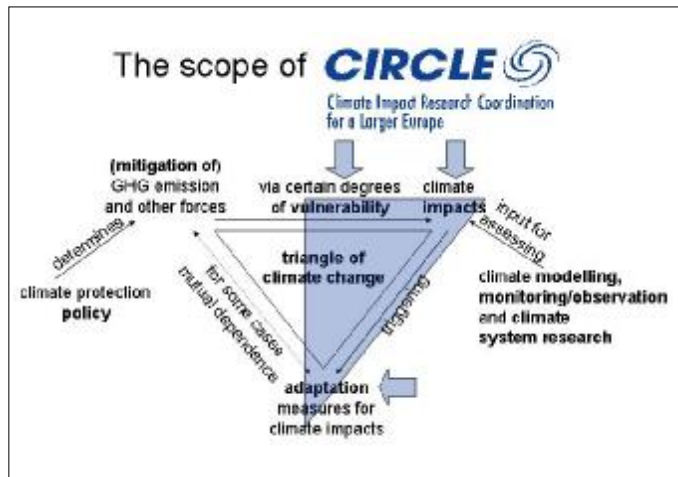




Climate Impact Research Coordination for a Larger Europe

CIRCLE's scope

Climate change is increasingly seen as one of the greatest issues facing the world in the 21st century, and Europe is taking a leading role in responding to its challenges. Whatever the success of mitigating climate change may be, certain impacts are unavoidable and European countries



will need to adapt to those impacts driven by certain vulnerabilities and exposures in the regions of Europe. Their adaptation response must be informed by a coherent body of research and it is CIRCLE's prime objective to contribute to such efforts by aligning national research programmes.

This process will be a strong support for the overall goal: Implementing a European Research Area (ERA) for the field of climate change.

CIRCLE started in summer 2004 and will extend its activities within the ERA-Net frame for 2005-2009.

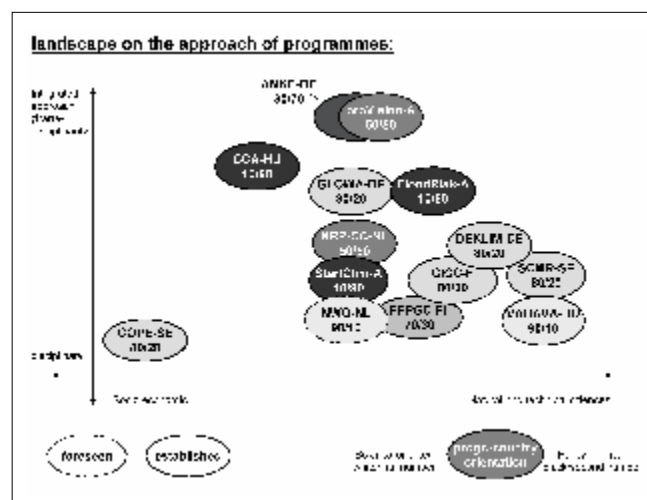
Choosing the way to go

The research programmes taking part in CIRCLE have different scientific scope, background and administrative structure. To elaborate differences and similarities by analysing various national research programmes in the field of climate impacts and adaptation measures is one major goal of CIRCLE SSA. First results are now available.

These are the main basis for transnational cooperation within Europe in the field of climate change. CIRCLE SSA provided carefully derived suggestions for and examples on cooperation among the partaking programmes and thus paves the way towards CIRCLE CA which incorporates research programmes in 17 European countries (including Israel).

Joint activities will only lead us to success, if we keep the tools as flexible as possible. In this regard, CIRCLE CA will implement the possibilities to focus on regional groups and on designing different tool packages for multinational/transnational joint calls including options like the geographical return principle, partly and fully opened joint calls and precursor activities.

First results

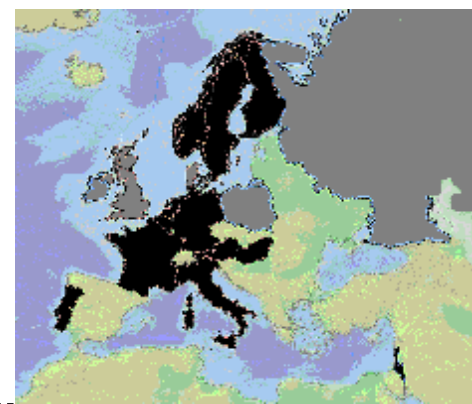


CIRCLE SSA has collected material about all important national research programmes on climate impacts and adaptation measures. This country report is available since late 2004 and is being updated on a regular basis. Furthermore CIRCLE SSA analysed programmes with respect to their scientific content and their programme administration procedures. These two reports are available as well. Another concern of CIRCLE SSA is the integration of new member states and associated countries in Europe. A special report on activities in eastern Europe has been produced, too.

EU Funding: ~ 3 Mio. EURO (2004-2009) from EU-FP6 ERA-Net scheme (SSA+CA)

countries taking part in CIRCLE SSA:

- 4 Austria
- 4 Finland
- 4 France
- 4 Germany
- 4 Hungary
- 4 Netherlands
- 4 Sweden



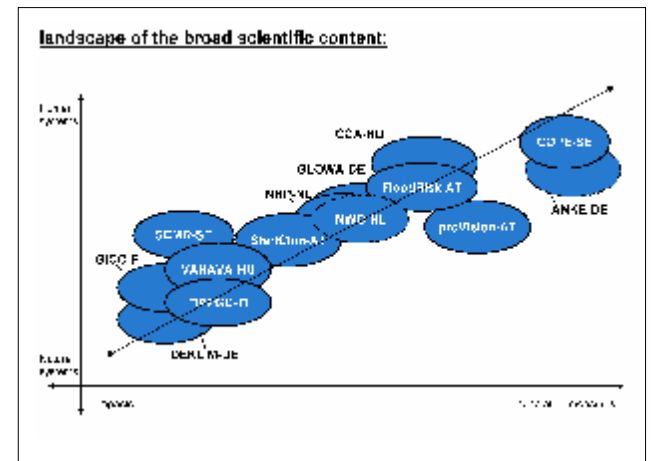
CA partners:

- 4 Belgium
 - 4 Israel
 - 4 Italy
 - 4 Norway
 - 4 Portugal
- associated:
- 4 Denmark
 - 4 Ireland
 - 4 Poland
 - 4 Russia
 - 4 UK

Adapting towards Europe's changing climate

Most national research programmes in Europe cover both impacts and adaptation to a certain degree. Whereas many of the impact focused programmes are anchored more in the natural sciences/systems, some adaptation focused programmes integrate socioeconomic sciences/systems to a major degree. By exchanging experiences and information, the programmes integrated in CIRCLE already benefit a lot from their cooperation.

Programme managers and financiers from each programme are represented in CIRCLE and transport CIRCLE results directly to their national programmes.



Adapting towards Europe's changing climate will be a major challenge for the European institutions, the national institutions as well as for Europe's regions and cities. Scientific evidence is given and communicated by various sources (cp. IPCC 2001, EEA 2004, project results of FP5/FP6 projects like ACACIA, ATEAM and PRUDENCE).

CIRCLE will support Europe's adaptation process by establishing a well functioning subsidiary level under the EU framework programme.

CIRCLE partner institutions

- 4 UBA-A: Umweltbundesamt (Federal Environment Agency), Austria (co-ordinator: Martin König, T +43 1 31304-5961; F +43 1 31304-3211)
- 4 BMBWK: Federal Ministry for Education, Science and Culture, Austria
- 4 AKA: Academy of Finland, Finland
- 4 SEPA: Swedish Environmental Protection Agency, Sweden subcontracting RC: Rosaby Centre, Sweden
- 4 DLR-PT-UF: Deutsches Zentrum für Luft- und Raumfahrt, Projektträger Umweltforschung und -technik, Germany
- 4 BMBF: Federal Ministry of Education and Research, Germany
- 4 KvR: Stichting Klimaat voor Ruimte, The Netherlands subcontracting RIVM: Rijksinstituut voor Volksgezondheid en Milieu, The Netherlands
- 4 MINVROM: Ministry of Housing, Spatial Planning and Environment, The Netherlands
- 4 MEW: Ministry for Environment and Water management, Hungary
- 4 ADEME: Agence de l'Environnement et de la Maitrise de l'Energie, France
- 4 MEDD: Ministère de l'Ecologie et du Développement Durable, France subcontracting MEDIAS: Support Office for Regional Research on Global Environmental Change in the Mediterranean Basin and Subtropical Africa, France
- 4 PPS: Federal Public Planning Service Science Policy (BELSPO), Belgium
- 4 FCT: Foundation for Science and Technology, Portugal
- 4 RCN: The Research Council of Norway, Norway
- 4 FORMAS: The Swedish Council for Environment, Agricultural Science and Spatial Planning, Sweden
- 4 MATT: Italian Ministry for Environment and Territory, Italy subcontracting INGV: Istituto Nazionale di Geofisica e Vulcanologia, Italy
- 4 IME: Ministry of the Environment, Israel
- 4 SYKE: Finish Environment Institute (FEI)
- 4 UKCIP: UKCIP Coordination Office, United Kingdom
- 4 IEPA: Environment Protection Agency, Ireland
- 4 IETU: Institute for Ecology of Industrial Areas/AIRCLIM-NET Coordination Office, Poland (with support of Ministry of Science and Information Society Technology)
- 4 IMCES: Center for Environmental Research and Training, Institute for Monitoring of Climatic and Ecological Systems, Siberian Branch of the Russian Academy of Science
- 4 DMI: Danish Meteorological Institute, Denmark

