

Science policy interactions in CCA –Denmark

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Coordination Unit for Research in Climate Change Adaptation

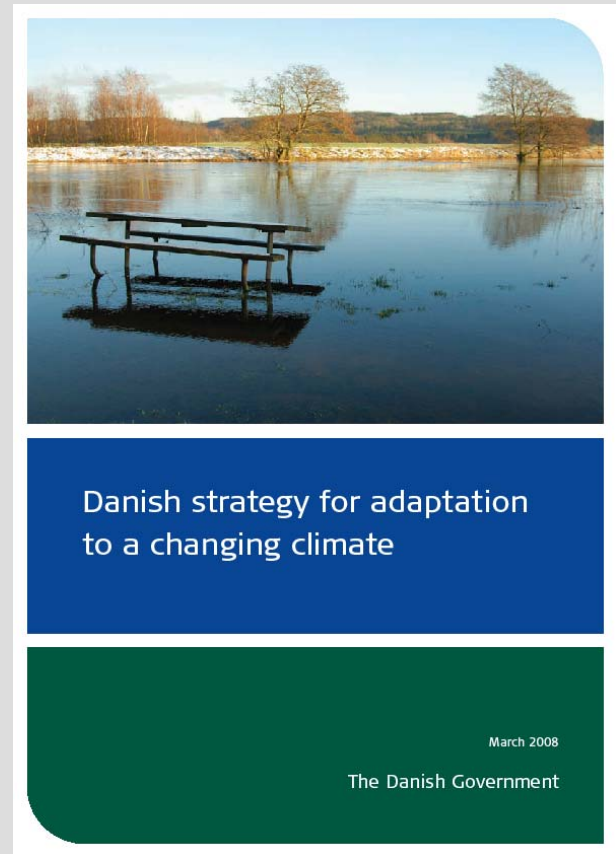
The DK-NAS

Facts:

- Published March 2008
- 52 pages
- 11 sectors
- Socio-economy – a cross cutting theme
- A2, B2 and EU2°C -scenarios
- 10 year perspective
- Strong national focus

Stresses:

- Autonomous adaptation as the principle
- The need for coordination between sectors
- The need for information initiatives
- The need for research coordination



Available from:
<http://klimatilpasning.dk>



Data and knowledge on the web-portal Klimatilpasning.dk

Structure:

- Sector-specific
- User-specific

Content:

- Maps
- news
- background
- cases

Managed by:

- Information centre
- Sectors
- KFT-research coordination unit

Kort Lovstof Publikationer Sitemap Om portalen

Klima**tilpasning**

Søgning

Borger Erhverv Kommune Forskning International Nyheder Cases Klima

Forside

Kyst Byggeri Vand Energi Landbrug Skov Fiskeri Plan Sundhed Beredskab

Klimaændringerne har betydning for vores liv på mange områder. Denne portal indeholder viden om ændringerne og angiver hvordan vi kan handle for at tilpasse os ændringerne

Borger
Er du klar til klimaændringerne? >

Kommune
Kommuner og klimaændringer >

Erhverv
Virksomheder og klimaændringer >

Hvordan påvirker klimaændringerne dig som borger? Hvordan kan du tilpasse dig? >

Temperatur
Se kort over fremtidens temperaturer.

Nyt om klimatilpasning

- > Grontmij Carl Bro skal udvikle kortkomponent
- > Vadehavet modstår havstigninger
- > Digesikkerhed et tvægget sværd
- > Handlingsplan skal sikre Juelsminde mod oversvømmelser

Klimaændringer

Klimaet bliver vådere, varmere og mere ekstremt. FNs klimapanel har lavet scenarier for klimaet.

> Læs om fremtidens klima

Seminar om klimatilpasning

Seminar om tilpasning til fremtidens klima.

Den 30. marts kl. 09.00 - 16.00.

- Hvad er udfordringerne?
- Hvad skal vi vide?
- Hvordan skal vi kommunikere?

> Læs mere

Eksempler på klimatilpasning

- > Strategisk klimatilpasning i Greve Kommune
- > Sommerhusejere bygger dige
- > Risikovurdering af digebeskyttelse ved Ribe
- > Vand i haven er en berigelse

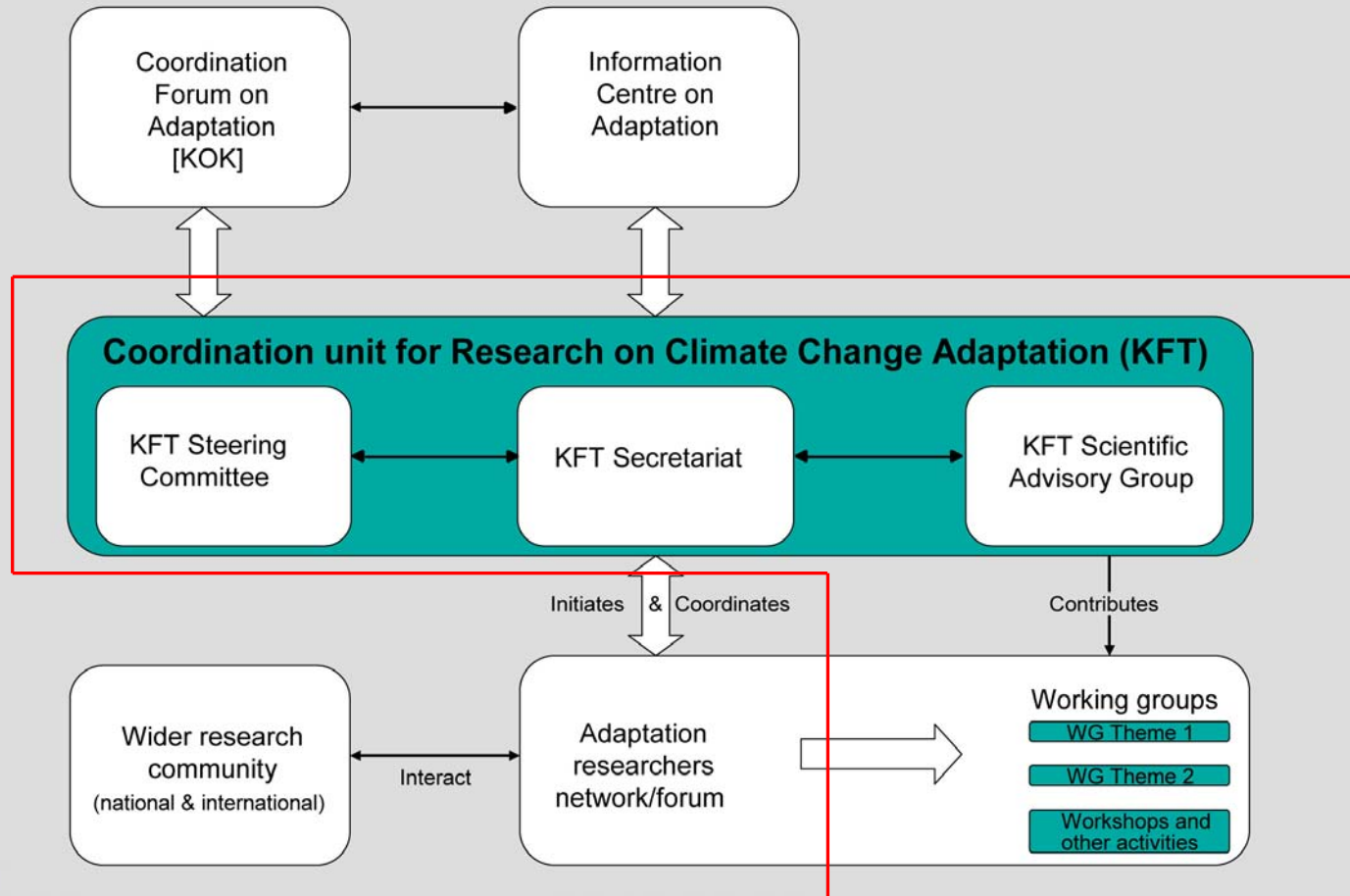
> Se alle

Videncenter for Klimatilpasning Klima- og Energiministeriet Energistyrelsen Amaliegade 44 1256 København K Tlf. 33926700 Samarbejdspartnere
e-post: klimatilpasning@ens.dk

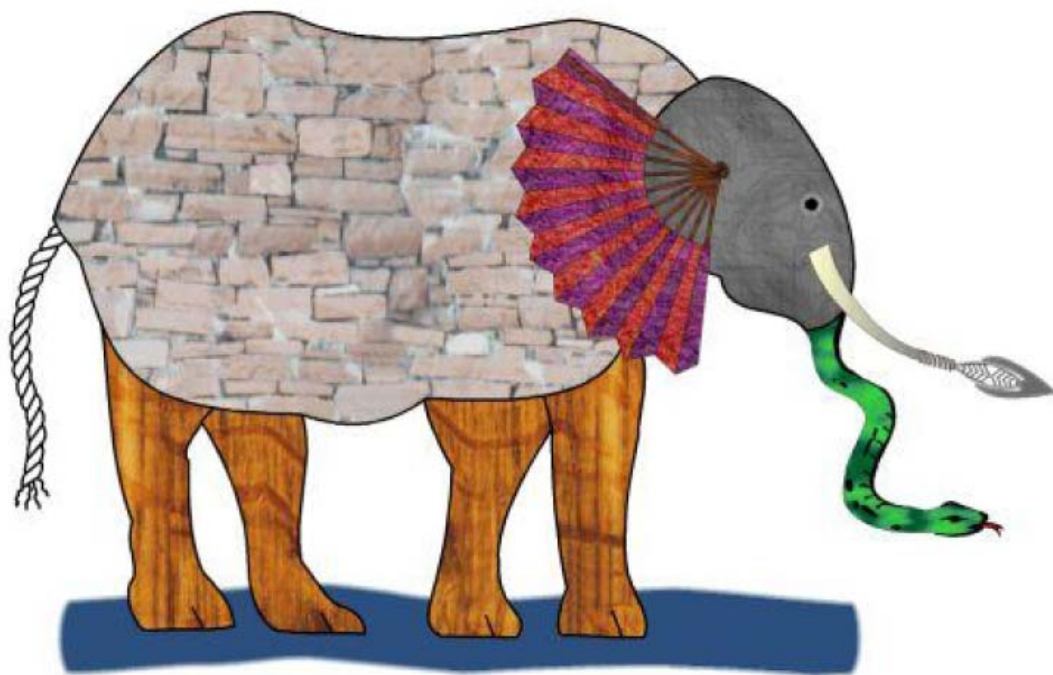
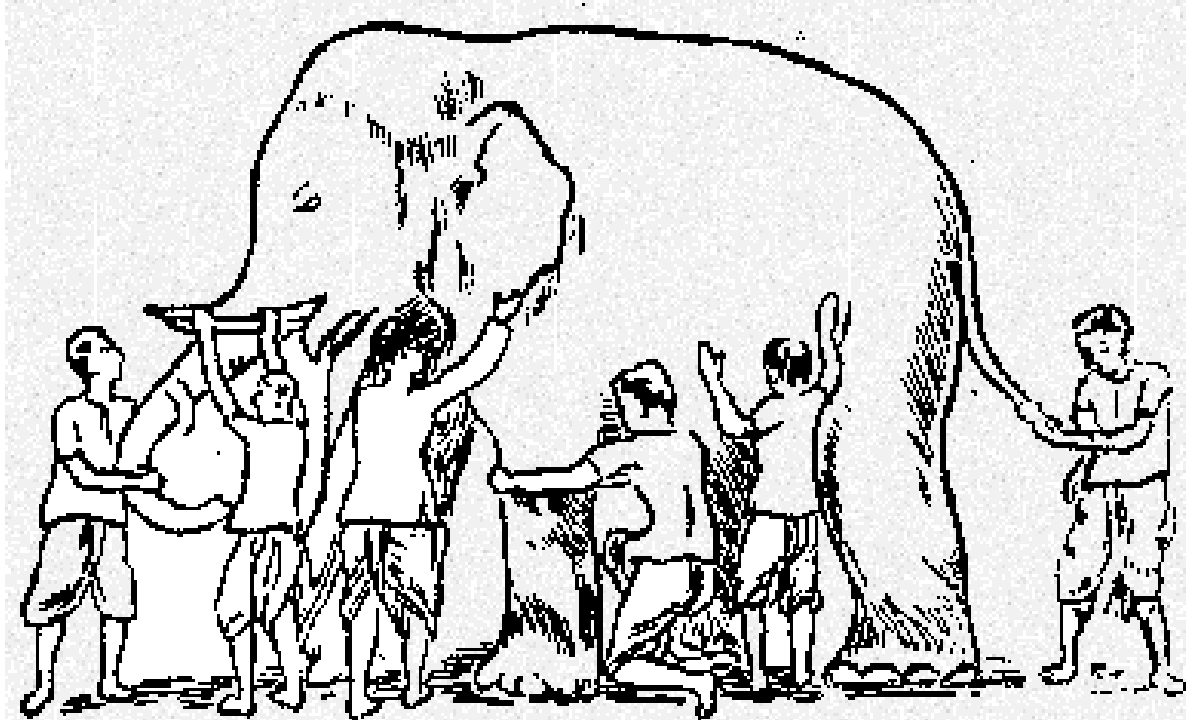


Research coordination

Collation of data and knowledge



Getting the complete picture of the research landscape



CCA-research competencies
CCA- projects in DK
Deliverables to the portal

Knowledge gabs
Research needs

Mapping climate research

- Response from more than 500 researchers (approx. 50% had adaptation as a priority)
- Identification of more than 250 projects (~40 projects had adaptation as a primary focus-annual budget =10 mio Euro)
- A valuable basis for identification of current knowledge gaps and development of future research programs



Mapping of climate research in Denmark

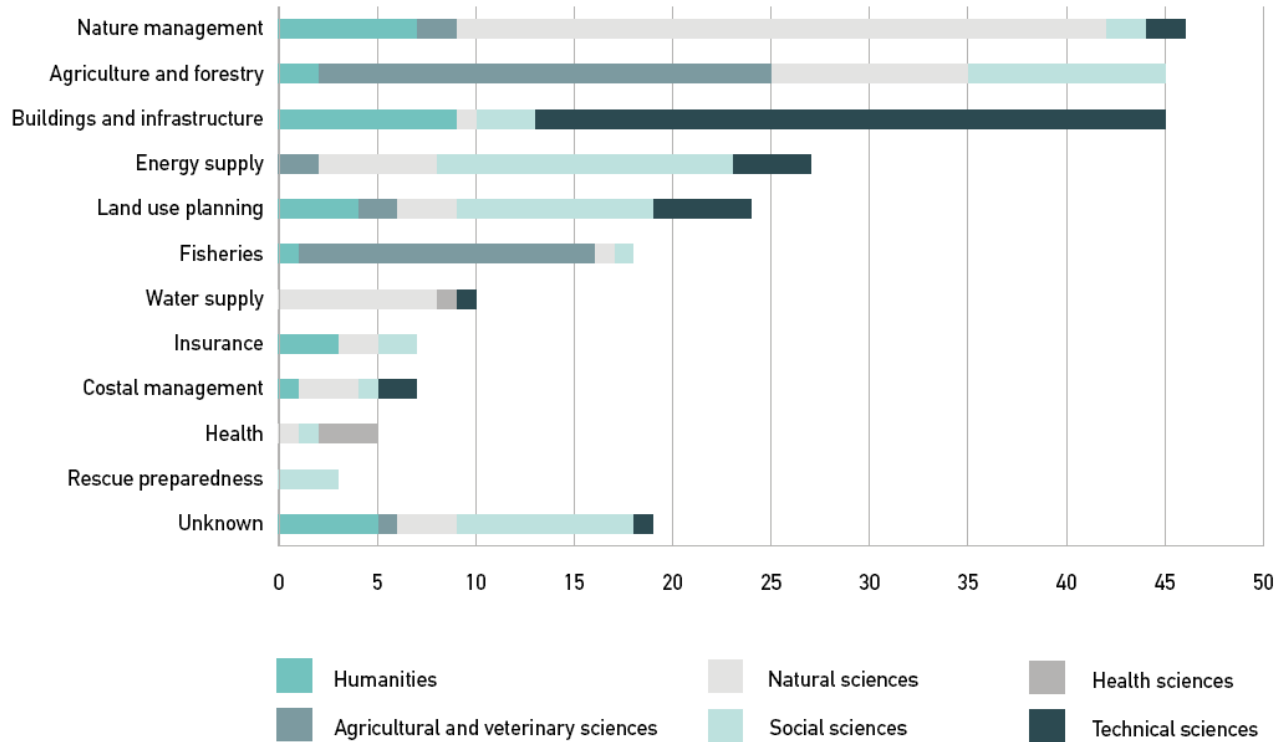
Research: Analysis and evaluation 2/2009

Prepared by the Ministry of Science, Technology and Innovation, Coordination Unit for Research in Climate Change Adaptation and the Ministry of Climate and Energy



Mapping climate adaptation research

Figure 5.5. Number of researchers distributed by primary sector focus and field of science



Identification of knowledge gaps and research needs

identified and qualified by the:

- Sector-ministerial working groups under Coordination Forum on Adaptation
- Scientific advisory panel of KFT

consolidated by a:

- public hearing

Sent to the Ministry of Science:

- Research2015 – theme 2: “..climate change and its effects..”

(ct: In terms of a strategic research effort in this area, strong coordination is important between the research environments involved, and interdisciplinary cooperation, which is on the increase in the area of climate, can be further strengthened).



Formulation of a research program on CCA – 5 core themes:

- **Modeling** – feedback mechanisms – sector integration – tools for earths system-modeling,- better assimilation of data into existing models
- **Society** – socioeconomic model integration – better tools for decision-making under uncertainties – multilevel governance – social, cultural and ethical aspects
- **Construction** – extreme weather consequences– indoor health – new architectural design
- **Landscape** –flexible landscapes – sustainable production – maintenance of biodiversity – esthetic values – pest/weed – bioenergy crops
- **Coastal zone** – hydrographic processes affected – coastal zone management - acidification/eutrophication of coastal waters – social/cultural aspects of settlement in the coastal zone area.



Coordination unit for research in CCA

Interacts with researchers through:

- Newsletters
- Web –e.g. project database and formula for new CC- projects
- DialoK-meetings
- Topic specific working groups
- Workshops and Scientific advisory board meetings



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Further information:

Research coordination:

www.klima.au.dk/kft

kft@dmu.dk

Climate adaptation web-site:

www.klimatilpasning.dk



KFT- Participating Institutions:



Thank you for the attention

