

Innovations in Climate Change Adaptation and Water Management

North Sea Region

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www.watercap-taskforce.eu

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North Sea Region



European Union The European Regional Development Fund

**The Interreg IVB
North Sea Region
Programme**

*Investing in the future by working together
for a sustainable and competitive region*



Transnational cooperation on spatial development 2007 - 2013 (INTERREG IV B)



WaterCAP cluster project



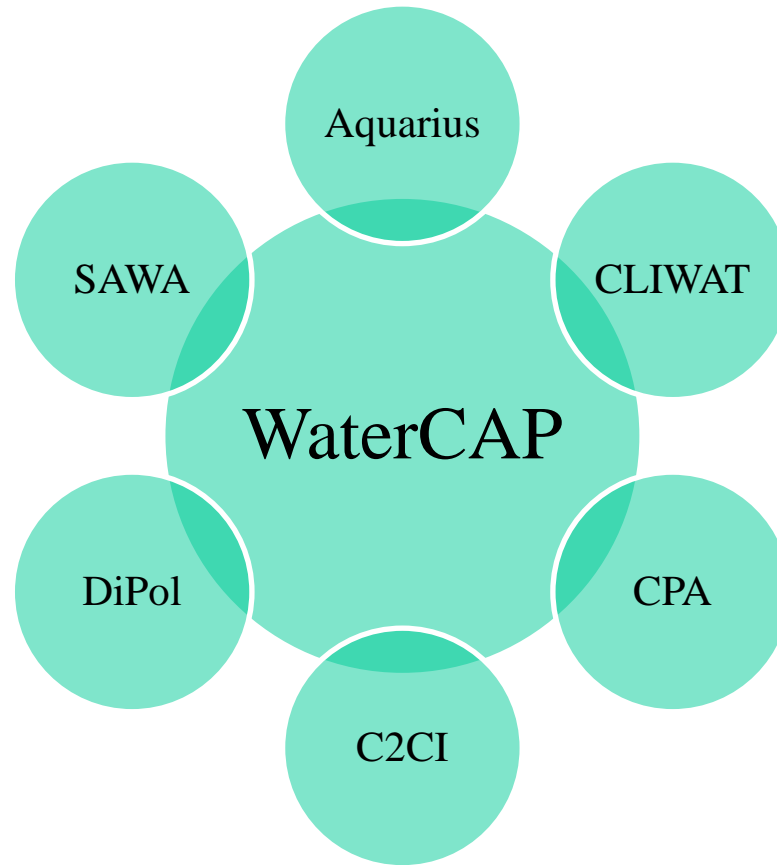
- Cluster six projects
- All related to water and CC
- Aim:
 - Learn and find synergies
 - Approach Commission in Brussels
 - Give recommendations to InterReg VB
 - Mobile Transnational Taskforce; Expert team solving problems on location



ONE STEP BEYOND IMPLEMENTATION
OF CLIMATE ADAPTATION INNOVATIONS
EXPERIENCES FROM THE INTERREG IVB PROJECT WATERCAP

WaterCAP cluster:

WaterCAP extracts main findings from 6 EU NSR projects for EU policy makers and EU MS.

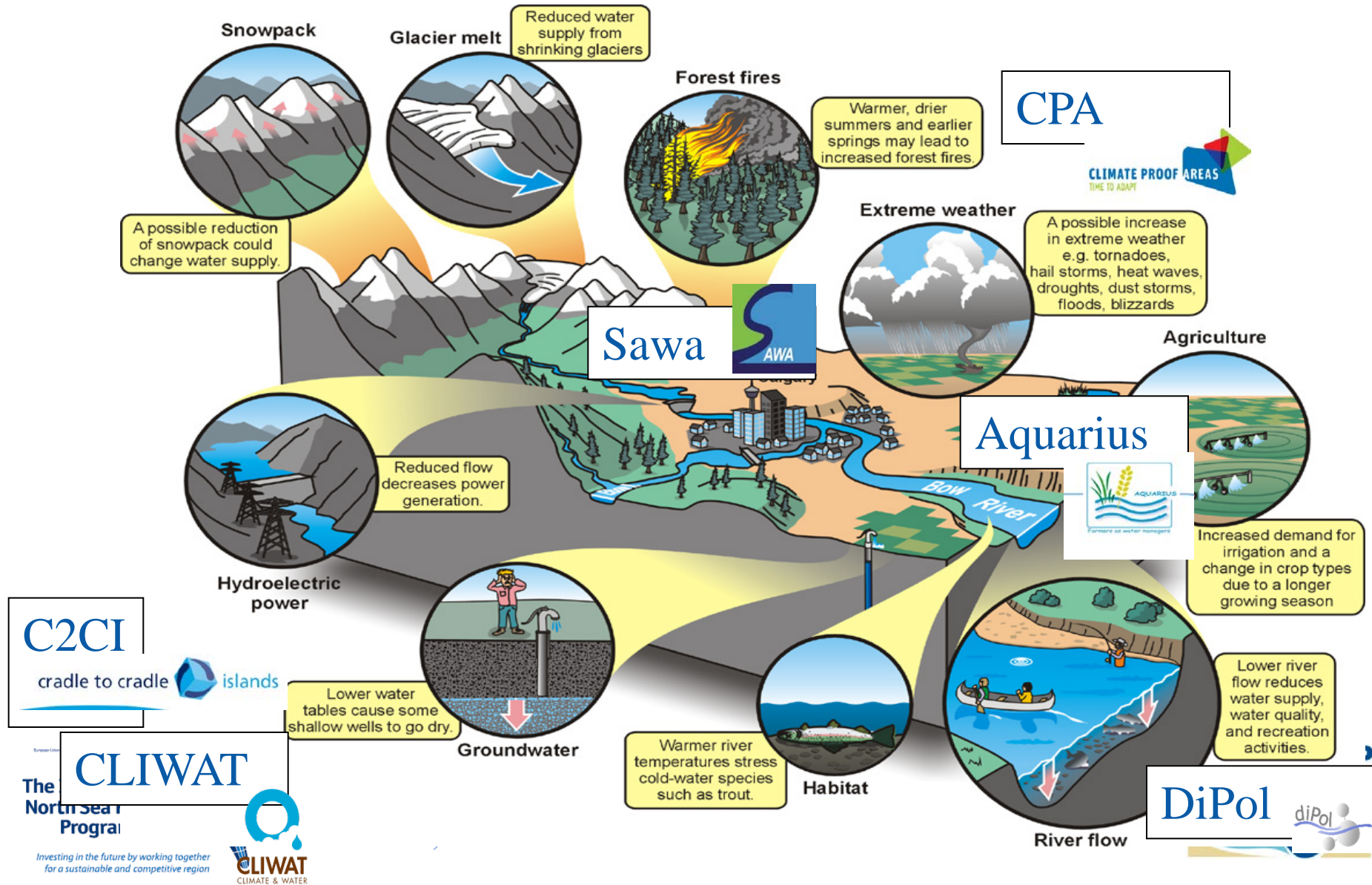


Access to all project websites via:

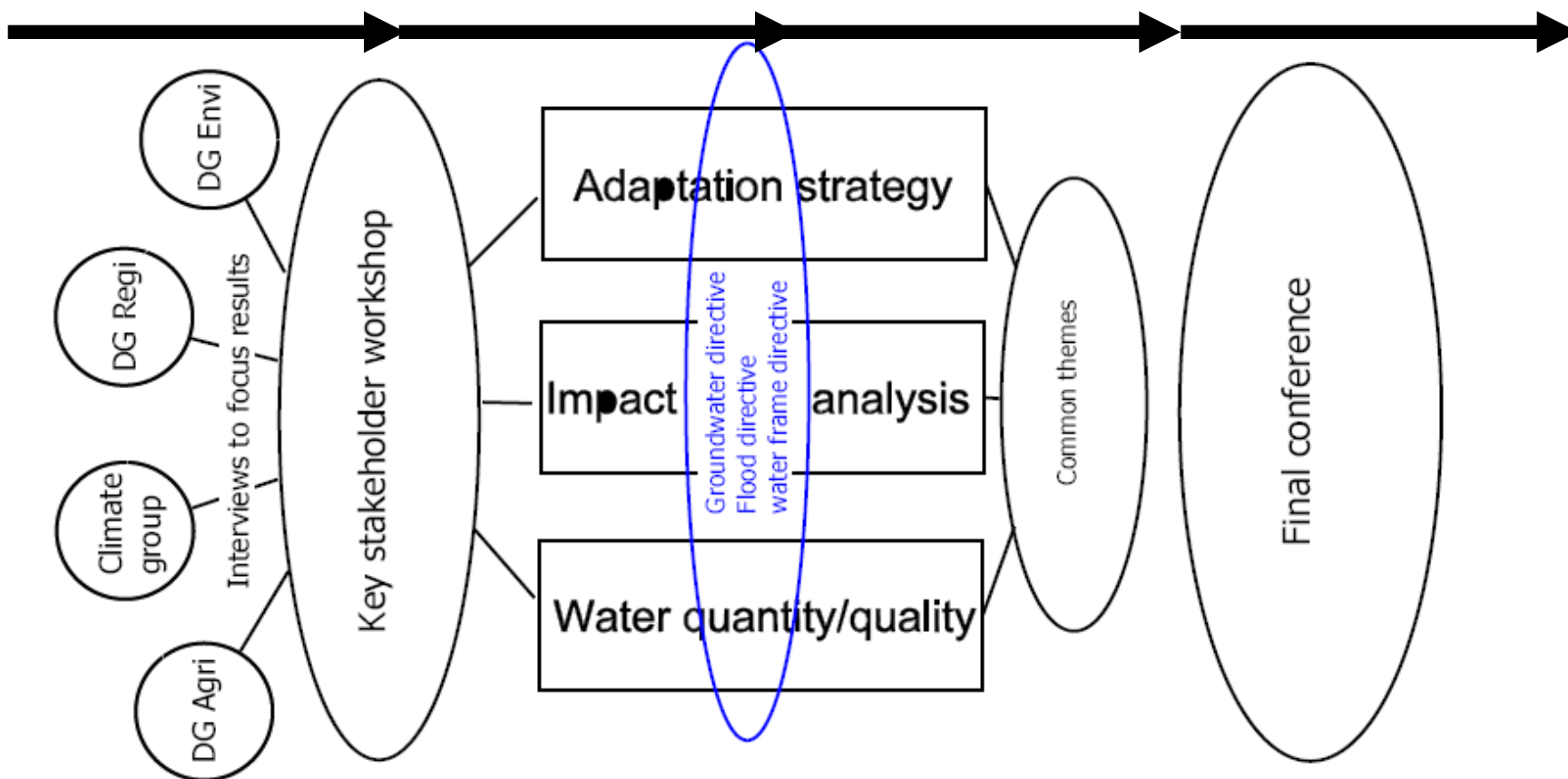
www.watercap.eu



Back ground - Integrated knowledge



Activities in the WaterCAP project

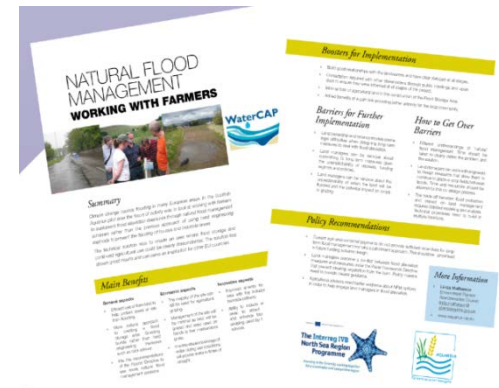


Key results

- Overview of Climate adaptation in NSR-
 - synthesis report
- Wow stories
- Network in DG's in Brussels

WOW stories

- Land owners as water managers
- Water sensing decision system: An answer to drought
- Growing Coasts: Building with Nature to prevent flooded areas
- SkyTEM: Sampling geodata
- Constructed Wetlands: A win-win solution!



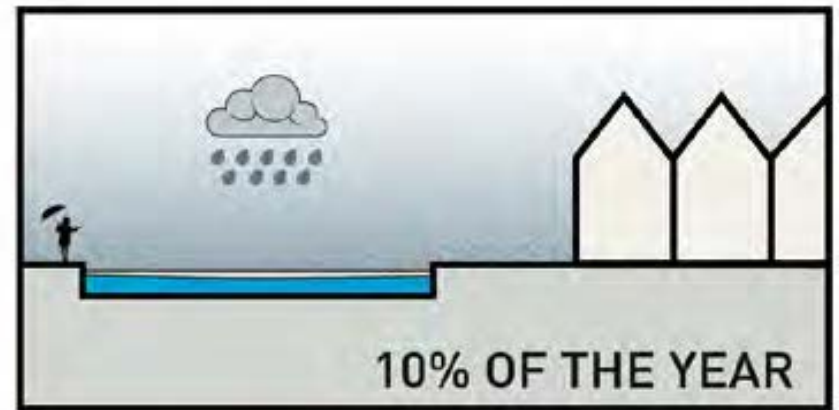
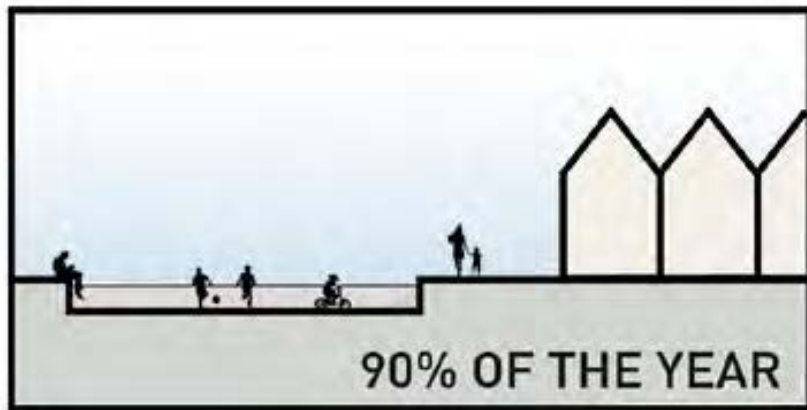
SAWA/BaltCIKA: Living with water in Hamburg

Paradigm Shift:
Living with Water!

HCU | HafenCity Universität
Hamburg



Multifunctional urban spaces



Aquarius: Win-Win - solutions!

For the environment, farmers and society



Constructed Wetlands



Water Framework Directive
Good Status of water and ecosystems:

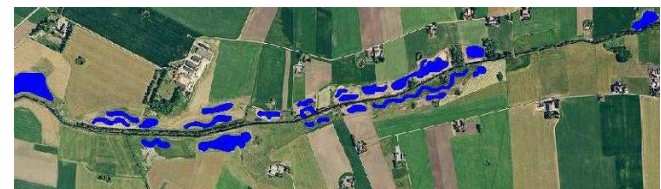
Other:

- Recreation
- Hunting
- Biomass production
- Landscape values

Water storage-irrigation



Buffering floods along rivers

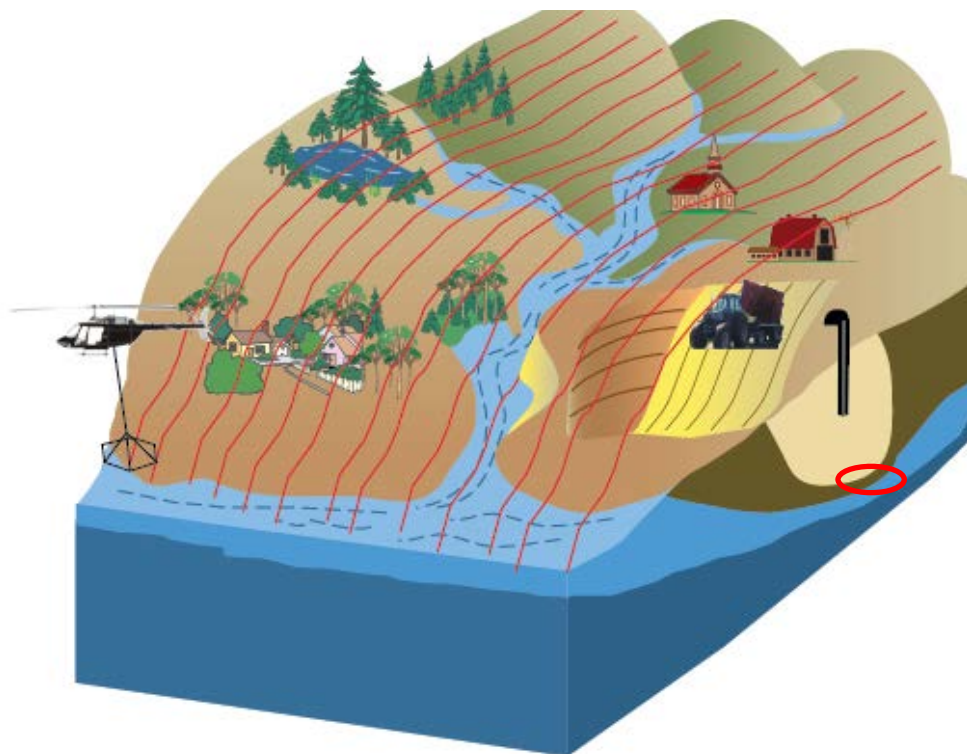


CLIWAT: Protecting groundwater quantitative
and chemical status in a changing climate

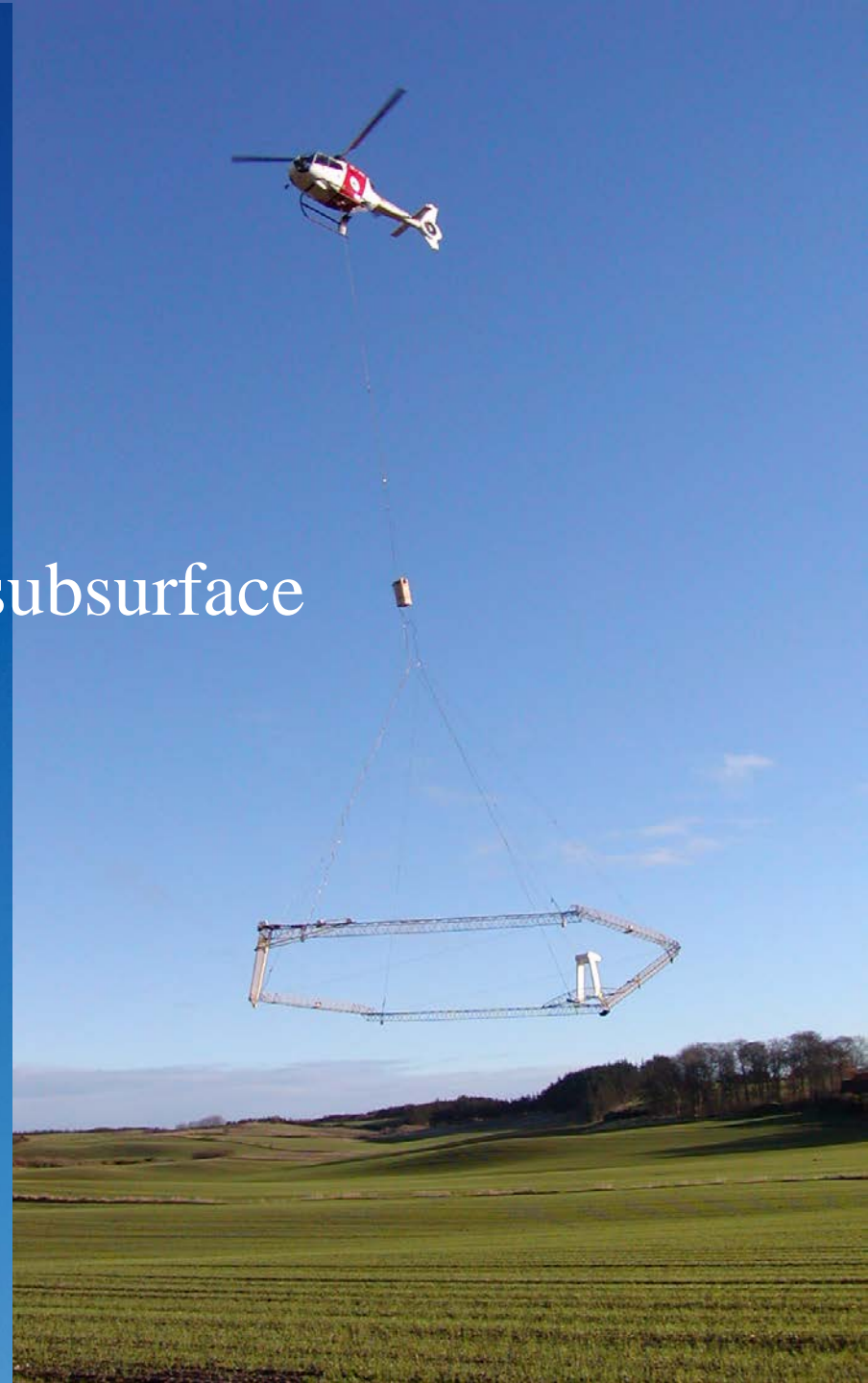
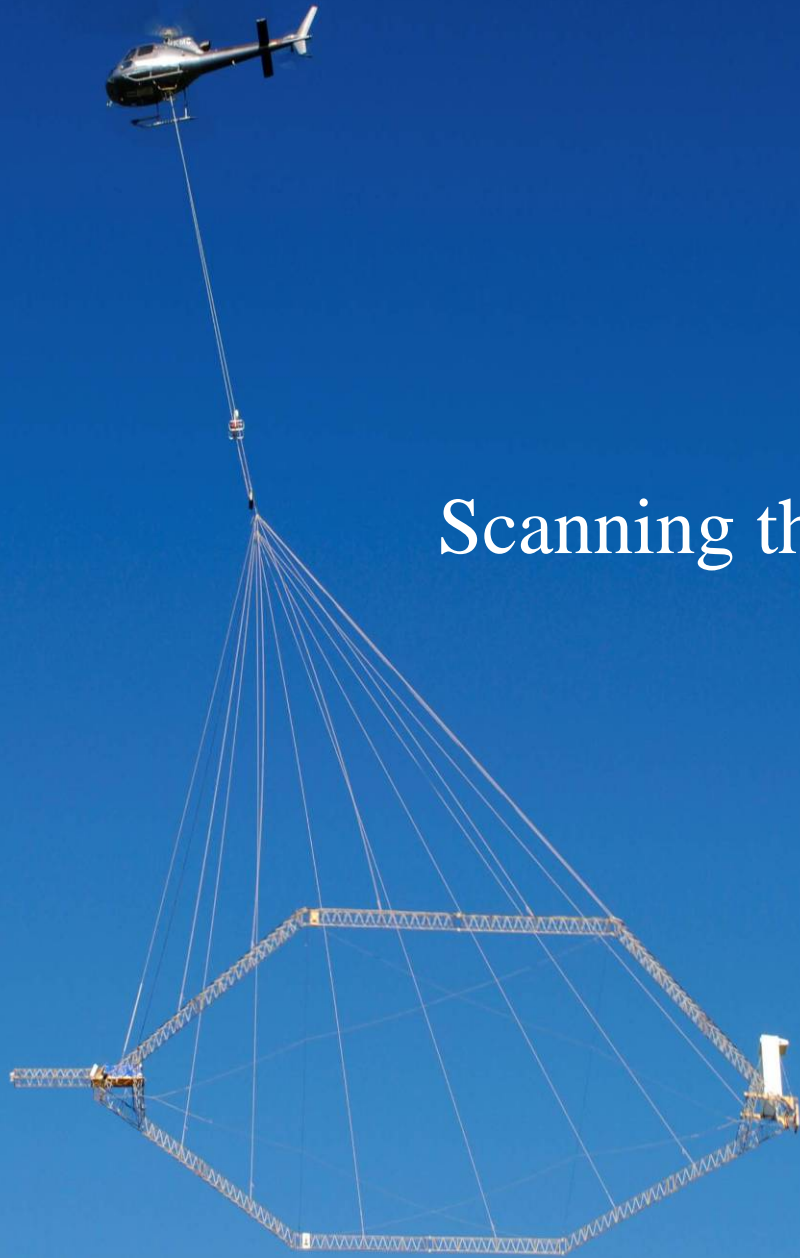


SkyTEM – a breakthrough
technology - A Tool for mapping the salt-
freshwater interface in groundwater
systems

NORTH EUROPEAN RESPONSE TO DROUGHT

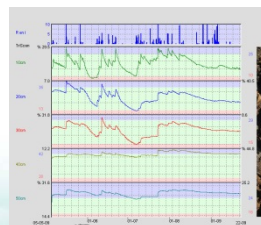


Scanning the subsurface

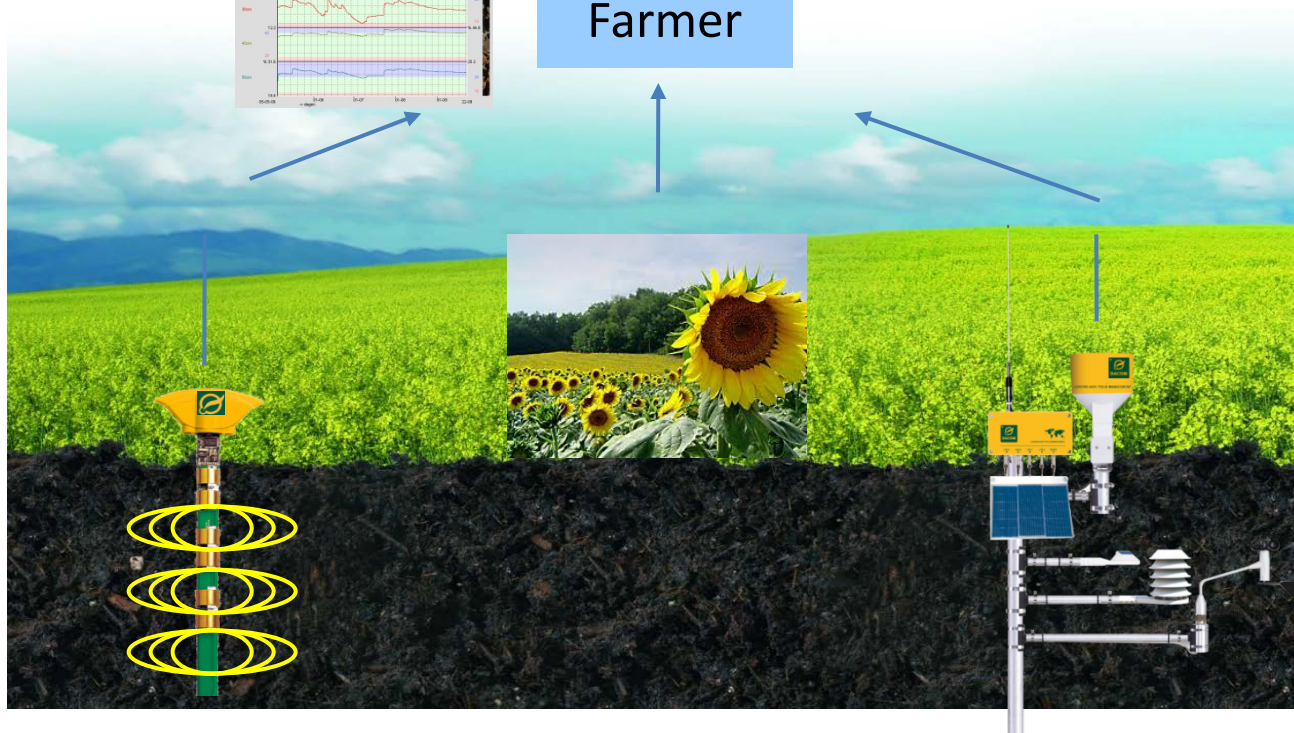




Irrigation



Farmer



Learning WaterCAP Taskforce

- Built on the multi beneficial agenda:
 - Do not only creat value for nature but also:
 - Economy
 - Job creation
 - Innovation

**Now we are ready to come out on location
and make it work!**

