

Climate Change Adaptation in a Governance Perspective

The EU LIFE IP project Coast to Coast Climate Challenge (C2C CC) is a partnership of 31 partners from municipalities, utilities, knowledge institutions, consulting companies and private companies that have joined forces in 24 sub projects.

The burning platform of the partnership is the experience with increased flooding events. The themes of the municipal climate change adaptation plans indicate the common challenges cf. Figure 1.

Municipality	Sea and fjords	Rivers	SUDS	Ground-water	Tools	Cooperation
Favrskov		•	•	•	•	•
Hedensted	•		•	•		•
Herning		•	•	•		•
Holstebro	•	•	•	•	•	•
Horsens	•		•	•	•	•
Ikast-Brande		•		•		•
Lemvig	•			•	•	•
Norddjurs	•		•	•		•
Odder	•		•	•		•
Randers	•	•	•	•		•
Ringkøbing-Skjern	•	•	•	•		•
Samsø	•		•	•		•
Silkeborg		•	•	•	•	•
Skanderborg		•	•	•	•	•
Skive	•		•	•		•
Struer	•		•	•		•
Syddjurs	•		•	•		•
Viborg		•	•	•		•
Aarhus		•	•	•	•	•

Figure 1: The themes of the municipal climate change adaptation plans within the Central Denmark Region

In a period of 6 years, C2C CC work together in a quadruple helix business model where we create awareness on climate change adaptation among politicians and citizens. At the same time, we handle excess water from precipitation, lakes and rivers, rising sea levels and high levels of groundwater. We work cross-disciplinary with business innovation, governance and the development of tools cf. Figure 2.

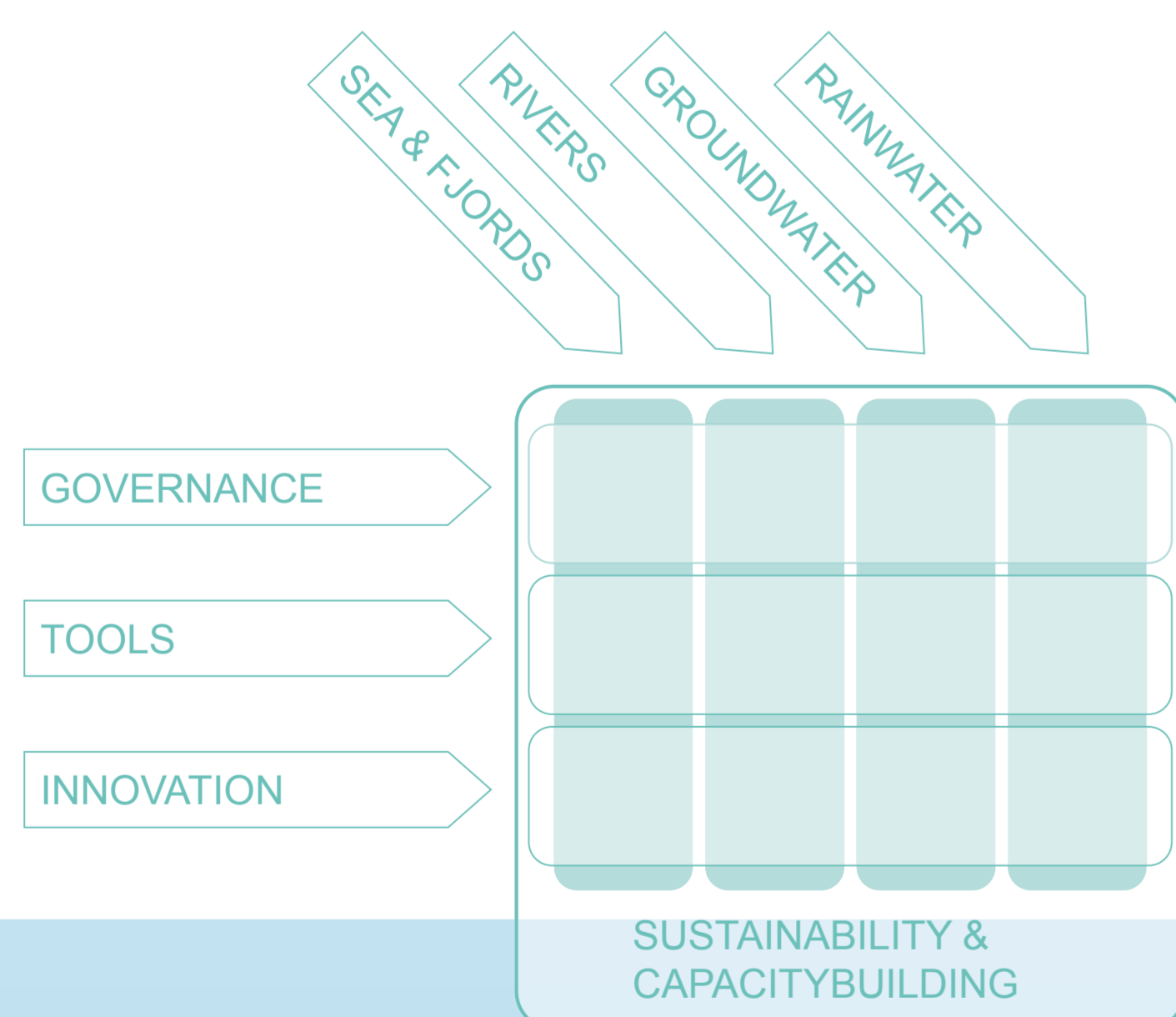


Figure 2: The project design of C2C CC consists of 7 themes within the context of sustainable development and capacity building

For instance we work with the water in the catchment areas We create multifunctional solutions in the urban areas with added value. And we create awareness among politicians and citizens, so we as a society get the ability to take an enlightened discussion on the needs for climate change adaptation. Two of the 24 sub-projects are provided in Box 1 and 2.



Box 1

The Climate Ribbon: Climate Change Adaptation as an Urban Development Strategy

The Climate Ribbon is a vision on protecting the city of Randers from storm surges and sea level rise without compromising the urban development. Nature is the element that connects the city to the water and flexible adaptation measures are developed as an integrated part of the urban development.

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Box 2

Citizen Involvement in Juelsminde

Juelsminde is a flood risk area under the EU Floods Directive. Citizens are involved early in the planning process to be aware of the challenges and to contribute to the solutions. A research expert in citizen involvement has run three capacity building sessions of the municipal staff to increase the capability of cross-sectorial collaboration and involving stakeholders in climate change adaptation. The municipality of Hedensted has among other initiatives organized walk and talks in the flood risk area.

