Exploring the Added value of Climate Adaptation

Mitigating climate change in coastal towns by community driven processes

MARINA Project

13th of March 2018 - Local Mobilisation and Mutual Learning Workshop
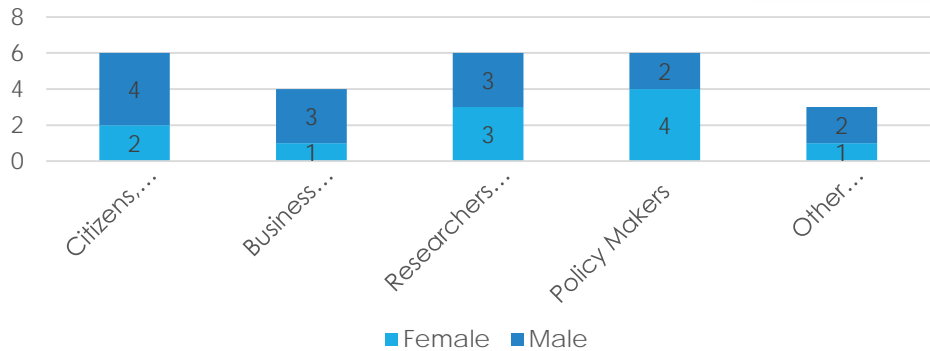
Phase 2

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Collaborating on Climate Adaptation and Responsible Research and Innovation

How should the collaborations between private and public landowners be organized and driven in order to make the mitigation of coastal towns and coastal lines more innovative and sustainable? According to the European Environment Agency (EEA), the two European countries which will suffer the greatest losses as a consequence of climate changes are Switzerland and Denmark. The monumental need for mitigating coastal areas and towns calls for not only new ways of collaborating between landowners and officials/municipalities, but also for new ways to combine deep technical knowledge with environmental considerations, life style preferences and the quality of everyday life. In total, 27 people participated, with a diverse background:

Responsible Research and Innovation (RRI) engages and brings together all stakeholders, creates dialogue and facilitates knowledge-sharing. It ensures the sustainable use of natural resources and makes sure that the needs of citizens and society are integrated into research and innovation. Participants put forth proposals of collective solutions based on the six RRI dimensions:

Pictograms courtesy of RRI Tools - https://www.rri-tools.eu

Workshop Outcomes

The participants discussed solutions to address the challenge of coastal adaptation by the involvement of private landowners and community members.

Each action was linked to several RRI dimensions. The most prominent RRI dimensions were science education, public engagement and governance.

Theme and solutions		
RRI dimension 1: Education	RRI dimension 2: Engagement	RRI dimension 3: governance
Qualify citizens' interests and agendas so that these can generate value for the environment and locality	Ensure citizen involvement in mutual cooperation on solutions in a broad aspect	Create a common understanding of the project and ensure that the project is historically anchored
Launch best-practice campaign targeting citizens of challenges and possible solutions	Create ownership of coastal protection	Municipalities may have difficulties financing coastal-protection facilities . .Legislation should be ensured that allows for new forms of funding, for example, increased state and regional funding for coastal protection.
Municipalities should ensure hands-on guidance for citizens who would like to embark on a coastal security project	Create continual demand for solutions with added value and cross-cutting sustainability, e.g. urban design and recreational qualities	Create national awareness in order to create ownership of major coastal security projects
Strengthen citizens' self-involvement in the political and/or technical system		

The MARINA Project is funded by the EU Programme Horizon 2020. 14 partners across Europe are joining forces for a period of 36 months to bring together stakeholders around marine issues and societal challenges and propose RRI driven roadmaps of actions to respond to them.

45 workshops on marine issues in the European Union

🟢 Marine biotechnologies	🟣 Climate change	🔵 Deep-sea mining
🟠 Renewable energy	🔵 Fishing and aquaculture	🔵 Sea transportation

🟡 Tourism and coastal cities

⚪ Pollution caused by human, land and sea pressures