

EVOKED – use of Living Labs for communication of climate services in local and regional settings

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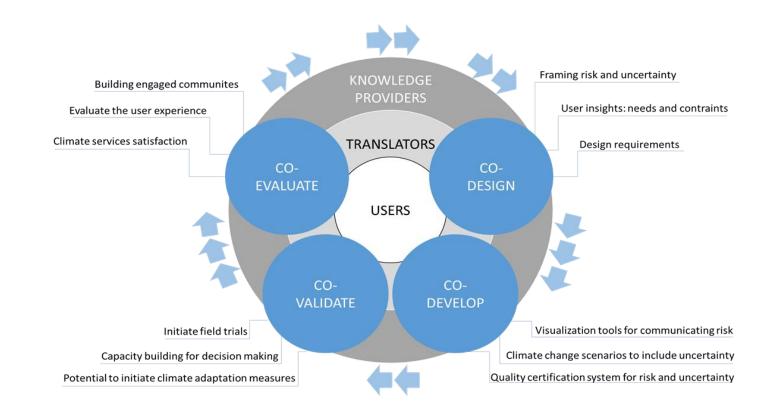






Translating risk and uncertainty with Living Labs

- User-driven process
- Translating climate data
- Co-production throughout:
 - Climate service needs
 - Develop local-scale scenarios
 - Field trials to validate assumptions in decision making
 - Feedback via user satisfaction











Case study sites

- Larvik, Norway: urban flooding, erosion, quick clay slides, rock slides, and river flooding – visualizing risk to citizens
- Värmland, Sweden: flooding from rivers and lakes as well as land slides – increasing awareness
- City of Flensburg, Germany: coastal flooding – exploring adaptation options
- Drents Overijselse Delta, the Netherlands: river and lake flooding – developing a climate effect atlas
- Province of North Brabant, the Netherlands: extreme rainfall and flooding in certain periods and drought in other periods – developing a climate stress test











To characterize the needs for climate services from stakeholder viewpoint

To understand in which context the Living Labs takes place

Needs and Visions
Analysis

Stakeholder Analysis

Co-Design Tasks

Context /
Governance
Analysis

Planning Activities

To identify and categorize all relevant stakeholders

To determine a rough plan for future LL activities with the stakeholders









Living Labs activities at all case sites

- Workshops with relevant stakeholders
 - 3-4 workshops during the project focusing on various topics (framing risk and uncertainty, CS visualization, field trials)
 - To be evaluated by means of questionnaires
- Interviews with selected stakeholders
- Focus group activities
- Surveys
- Document and policy studies









Climate services – experience with local stakeholders

- Avoid academic approach f. eg. endless discussions about definitions (LL, CS)
- Citizens generally don't think about the risks of flooding, unless they have experienced it in recent years (all case studies)
- Even when citizens have experienced flooding they sometimes feel "safe" behind the flood protection and want even more urban development
- Need to explain concepts of risk, resilience and responsibility connected to climate change to gain acceptance of the public for adaptation measures
- Need for narratives about past flooding, in order to increase awareness. The collective public memory of past events is short









Partners: end-users and research organizations





















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THANK YOU

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