



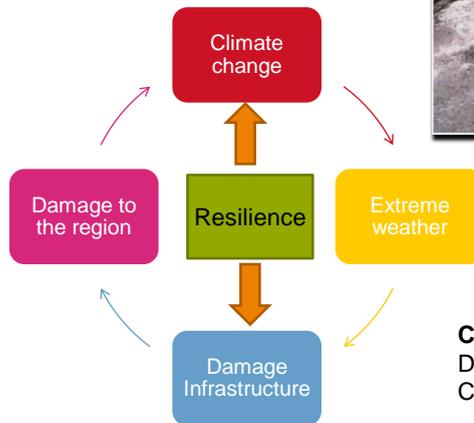
Climate adaptation strategies for infrastructure networks Connecting Science and Policy

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Deltas in Times of Climate Change II
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Introduction



Challenge:
Develop an integral solution
Connect Science en Policy

Connecting Science and Policy

- › **Experience:** gap between scientists and practitioners
- › **Challenge:** How to connect Science and Policy?
 - › Time to build trust and commitment
 - › Right timing
 - › Openness, committed and flexibility.
 - › Co-create and sharing new knowledge



Source: PSI Connect (Adriaan Slob)

Using Knowledge brokerage instruments

- › Share experiences and knowledge
- › Integrate different types of knowledge,
- › Generate new views, insights and knowledge

- › Process leads to these impacts
- › Knowledge broker is needed
 - › good communication skills
 - › a broad background
 - › can operate between domains, and knows the languages of the domains

Source: PSI Connect (Adriaan Slob)



Research question

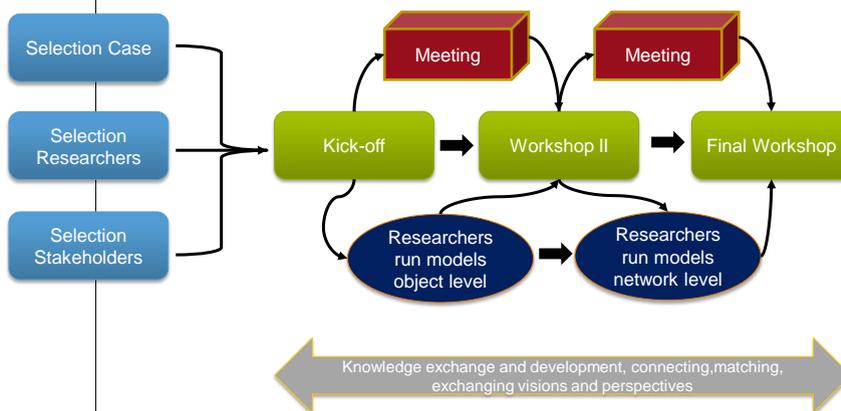
How to make scientific knowledge applicable for infrastructure operators and policy makers to reduce climate change vulnerability?

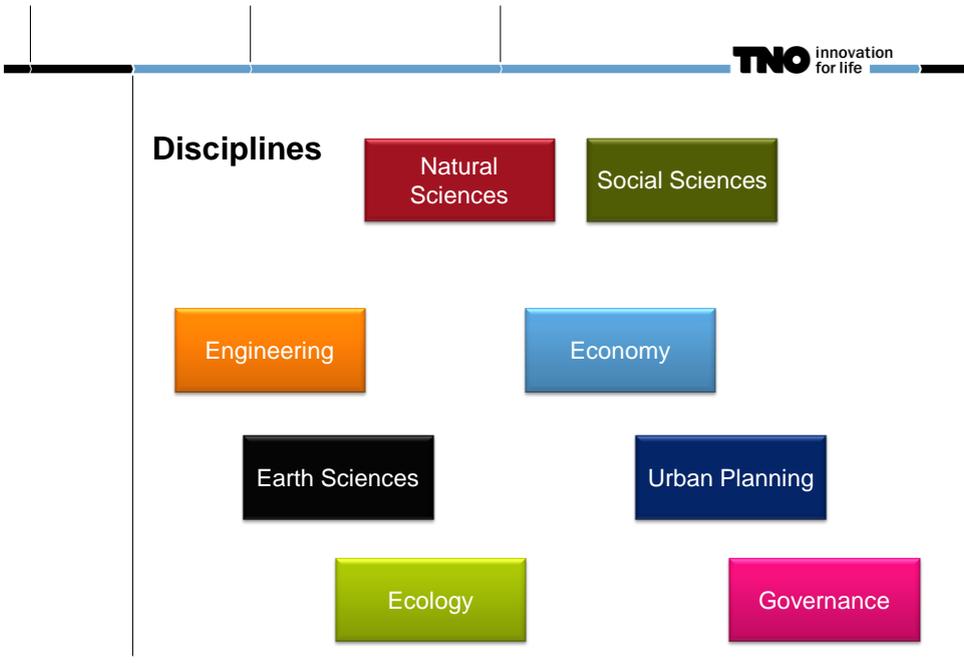
Case study Rotterdam North

- › Applying INCAH models to a case study
- › Vulnerability analysis infrastructure networks
- › Set up a dialogue with stakeholders
- › Develop an approach for an integral vulnerability analysis
- › Municipality of Rotterdam interested
- › Researchers and stakeholders involved
- › 3 workshops were the core

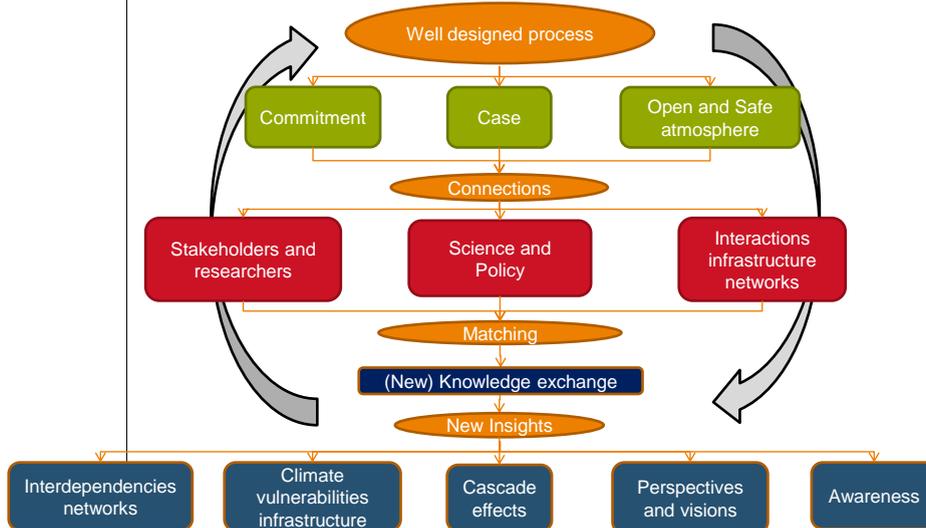


Approach





Connecting Science and Policy results



Conclusions

- › A well designed process is crucial to connect science and policy
- › Sharing and co-creating new knowledge is vital
- › Cooperation between disciplines is necessary to reach an integral solution
- › Stakeholders are necessary to make scientific results better applicable

References

- › PSI Connect – Adriaan Slob (TNO)
 - › Connecting Policy and Science through Innovative Knowledge
Brokering in the field of Water Management and Climate Change
 - › <http://www.psiconnect.eu/>
- › INCAH Gebiedsstudie Rotterdam Noord