

Framework for collective risk assessment and cultural resilience

Grit Martinez, Ph.D. Senior Fellow Ecologic Institute Bonn, 26. April 2018

Outline



- INNOVA Project
- INNOVA Risk Frame
- Practical Illustration
- Take Away Message

INNOVA Project





- ERA4CS Call project (2017-2020)
- Aim: Engagement of relevant stakeholders that codevelop climate and risk management strategies in key economic sectors
- In real-world innovation hubs, three groups of people work together on innovative solutions to real problems: societal actors (private sector, citizen groups); public sector (government) & knowledge broker

INNOVA RISK Frame



Aim:

- Comprehensive understanding of the biophysical, socio-cultural-political and economic drivers/ barriers to resilience in any city in the world
- Promote understanding of interplay between cognition, knowledge and affect of resilience





Four Components

- 1. Key Ecological, Social, Economic Features
- 2. Climate Impacts and Realized Risks
- 3. Risk Culture and Cognition
- 4. Governance

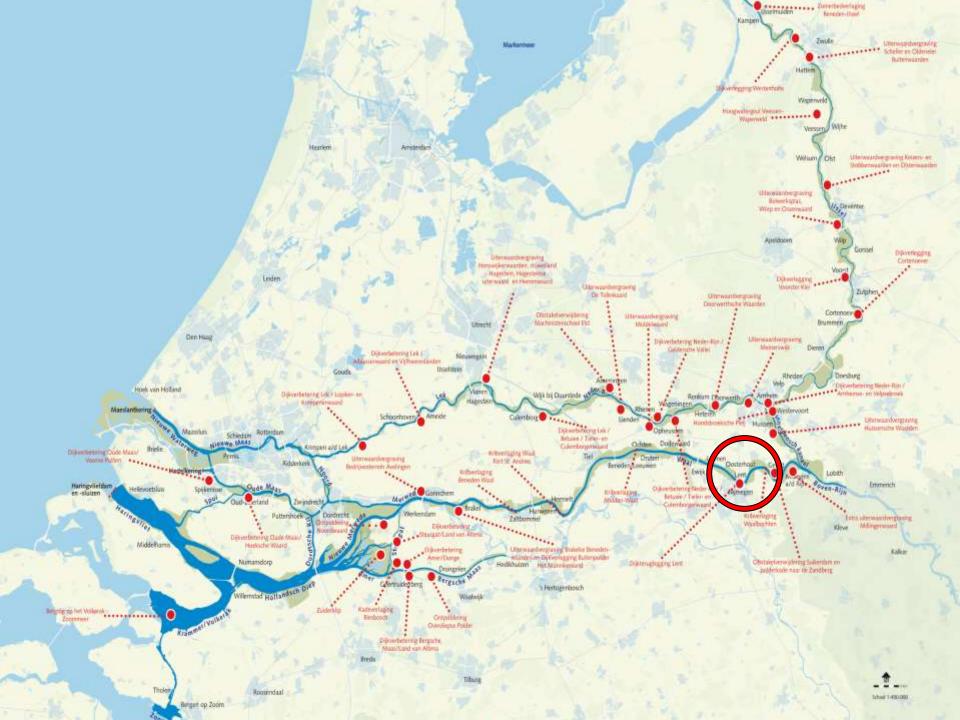


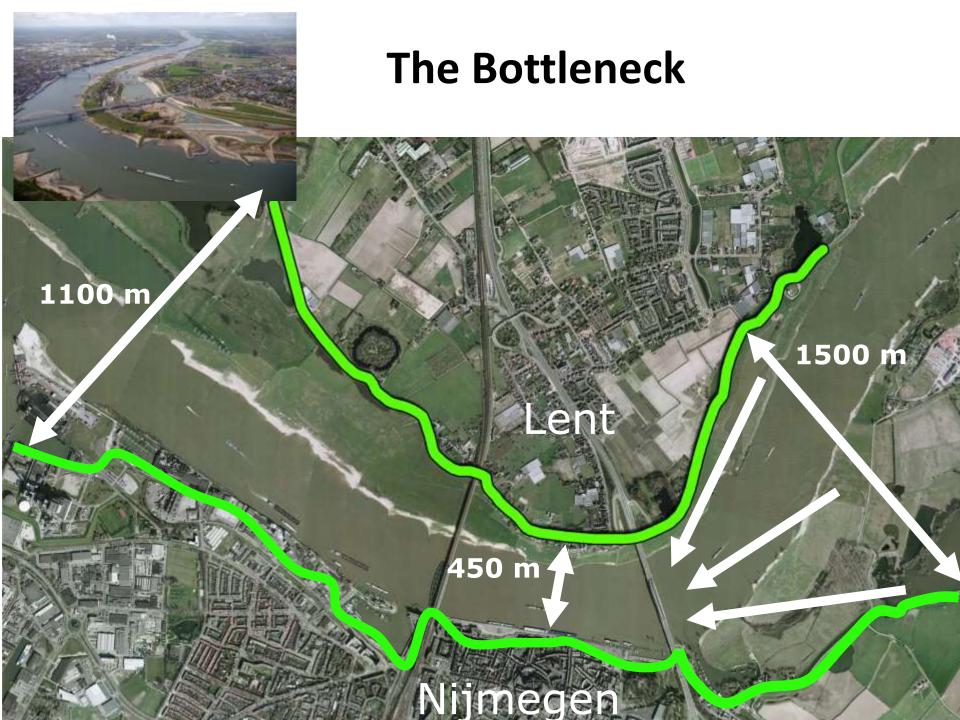
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Thank you Maarten!

Practical Illustration: Room for the River









2001	2004	2007	2010	2012 2016	2018
Threat				→ ev	ent
	Technical approach Rijkswaterstaat	•Safety, •Urban development,	Architectural designs	Ambitions	Adaptations
		•Nature, recreation Spatial Quality	Technique/ hydrology	Details Temporary	
			imagination	activities	Watersports Urban projects
		P R P			Developing nature
alternatives —	 politics/ decisions 	procedure —		→ constructtion	maintenance Re-assesment
opposition			→ proud —	 involvement 	safety standards ownership







Take Away Message

Resilience is

- the ability of a social group to cope, adjust or adapt to future stresses, perturbations or shocks
- It is a collective process shaped by socio-culturalpolitical-economic factors

The story behind the data is more important than the data itself !



Thank you for your attention!

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The city of Nijgmegen awaits your visit!

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