

Ministry of Foreign Affairs

Building Resilience

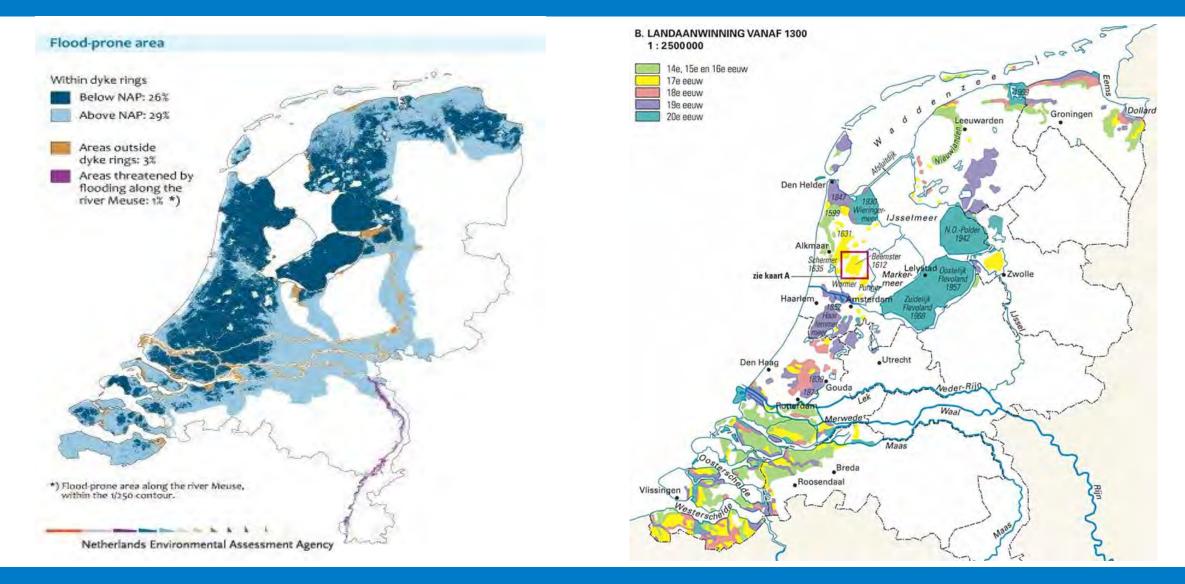
NC Transportation Summit 2019

Jan Peelen – Infrastructure & Water Management Embassy of the Kingdom of the Netherlands

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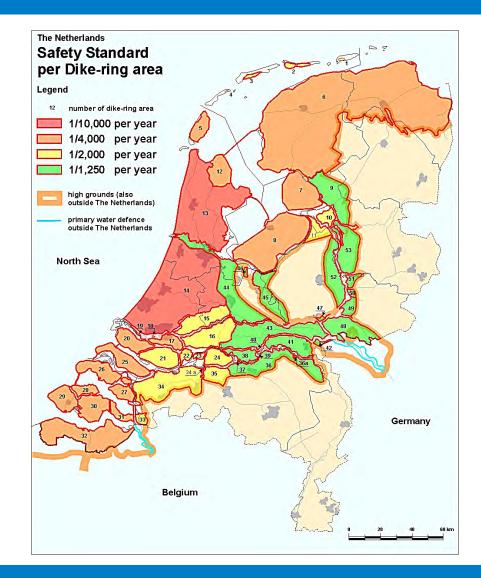
Safest Delta in the world

>1953: 'Never Again'. Legal framework provides national safety norms, responsibilities and funding.

Strategy: reduce risk by shortening and fortifying the coastline

Risk based approach: safety standards (1/1,250 to 1/10,000) are based on potential casualties/damage

Uniform use of methods and cost-benefit analysis enables long term investment

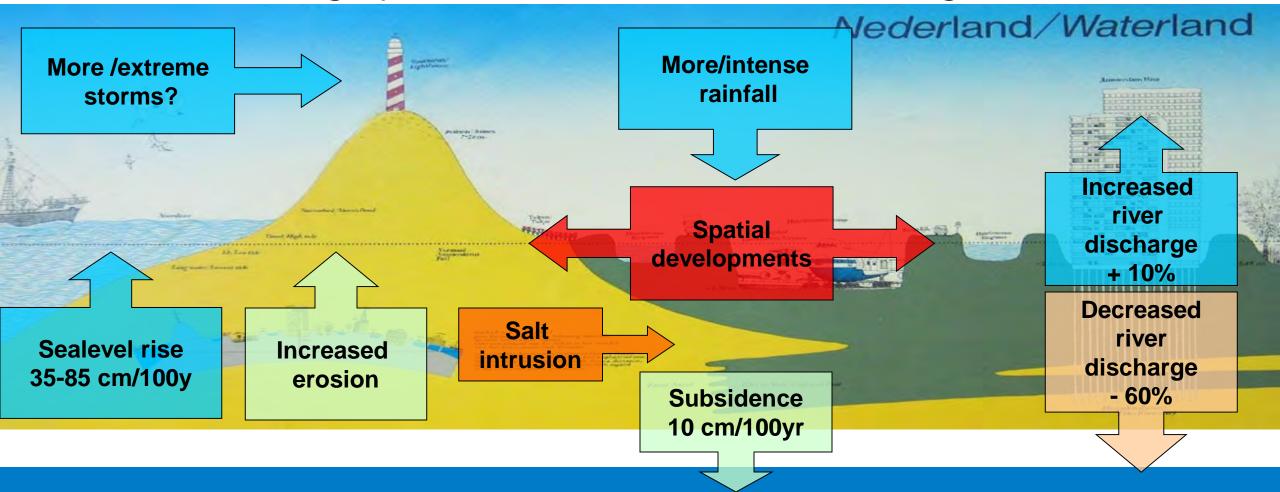








Climate change presents a new round of challenges











The Deltaprogram: Sustainable, Flexible and Solidarity

- Framework for climate adaptation: 2020
 → 2025 → 2100
- New political-administrative, legal and financial measures
- Incorporating uncertainty into the planning process using scenario's
- Long term vision, short term actions
- Integrated approach
- Radical change in discourse





'What could happen?' vs. 'When does the policy fail?'

Scenario research indicate various tipping points: strategy of prevention loses preference in the long term due to new conditions.

New insights from natural disasters: critical infrastructure, logistics, pollution etc.

Change the way we perceive and communicate risk \rightarrow new policy, new funding structure that enables to invest more in reducing the chances on injury/damage by spatial planning and crisis management

New emphasis on infrastructure: stress tests, prevent cascading effects, availability in various scenario's

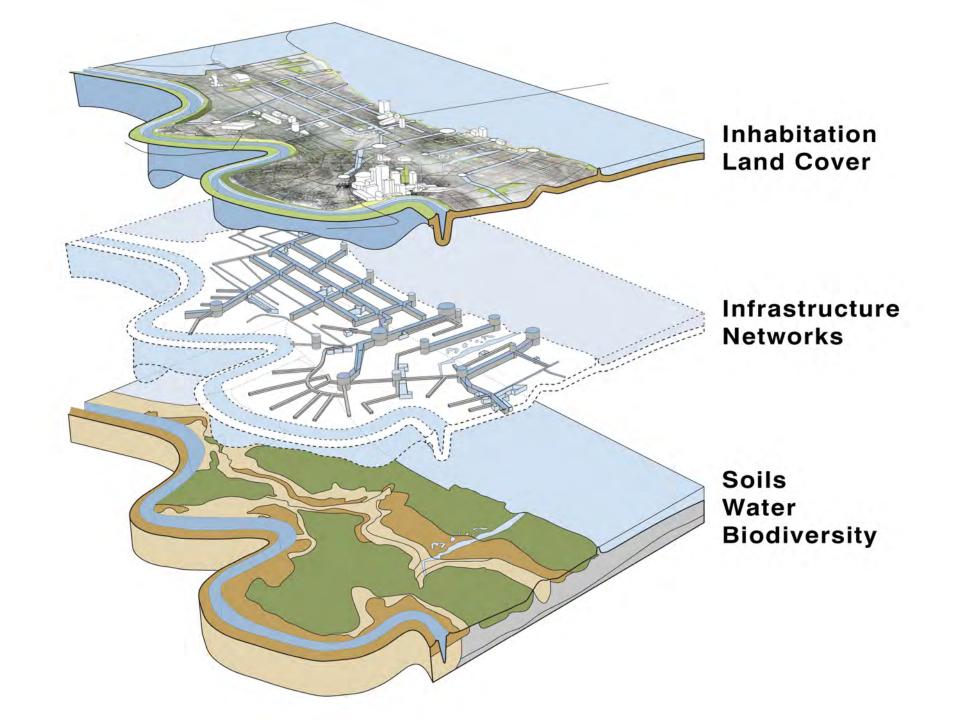






















How to establish a resilient framework

Agree on collaboration and continuous effort on awareness

Find ways to deal with uncertainty: scenario's and tipping points

Long term ambitions and threats should guide short term actions

Integrate: there is more to it than infrastructure Seize opportunities and innovate

