



## Working on the delta

Promising solutions for tasking and ambitions



## the Delta Programme in the Netherlands lessons learned

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# 2010: the Delta Programme



## Working on the delta

Promising solutions for tasking and ambitions



- **One Aim:**
  - keeping NL a good, safe and attractive place to live and work for present and future generations (→ 2100, long term perspective)
- **Two Goals**
  - Safe, now and in the future (2050-2100)
  - Fresh water supply guaranteed, also in dry periods
- **Three Basic values:**
  - Solidarity, Flexibility and Sustainability
- **Focus** on safety against flooding, fresh water supply and spatial adaptation
- **In advance** of a potential disaster



# Highlights of the Deltaprogramme

## 1. Planning for an uncertain future

- scenario's
- adaptive delta management, risk based strategies

## 2. Institutional arrangements:

- 5 Ds among Delta Fund and Delta Act
- Focusing the decision-making

## 3. Multi-governmental approach

- joined process of strategy development and decision making
- multifunctional measures ( → added value)



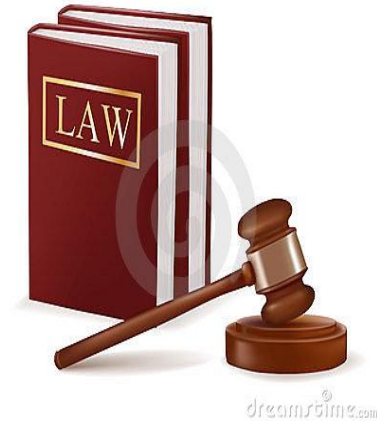


# Institutional arrangements



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### 5 D's

Delta-program: measures, every year to Parliament

Delta Commissioner: progress, uniformity, consistency

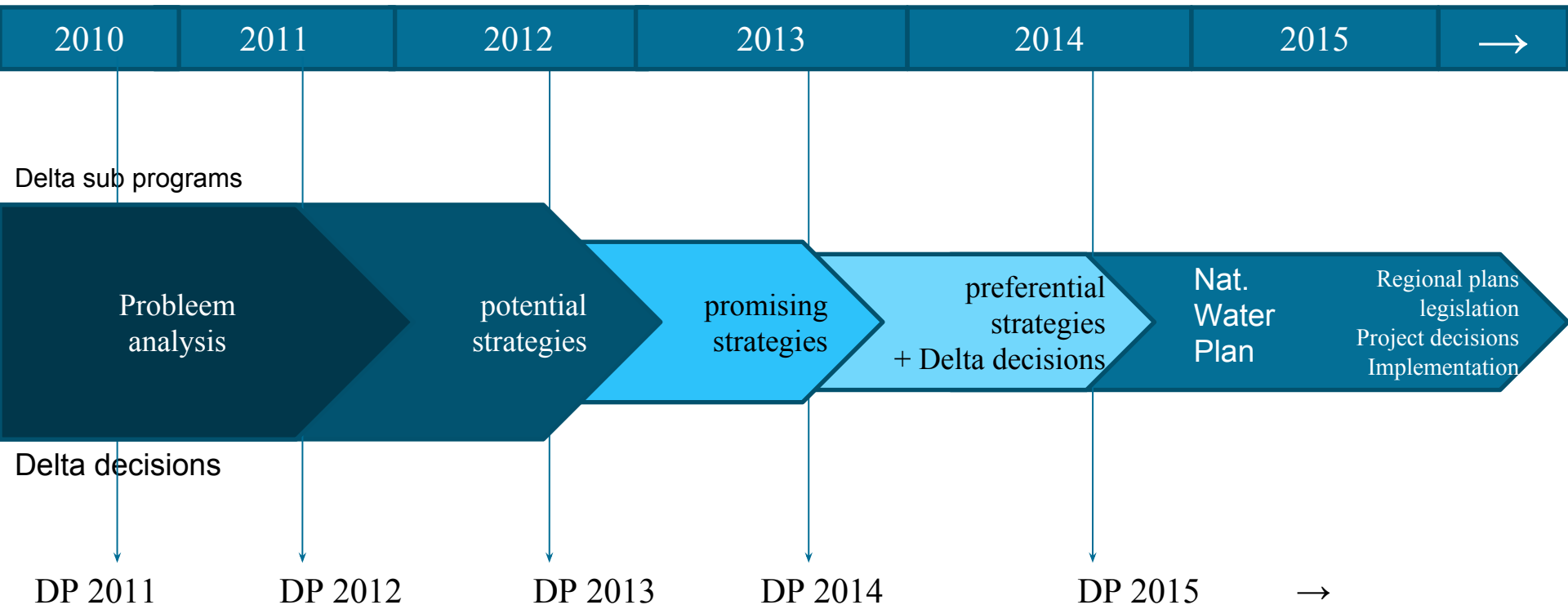
Delta Fund (1 bln euro/yr)

Delta Act

Delta decisions, regional strategies in 2015



# Strategy development and decision making





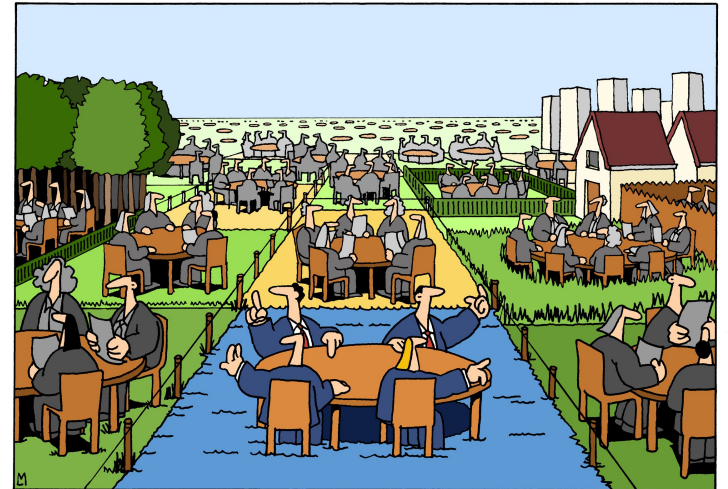


# Delta Decision on spatial adaptation

Aim=

1. to prepare urban areas on climate change (drought, pluvial floods, heat)
2. Improve resilience of vital services (energy, ICT, communications, healthcare.)

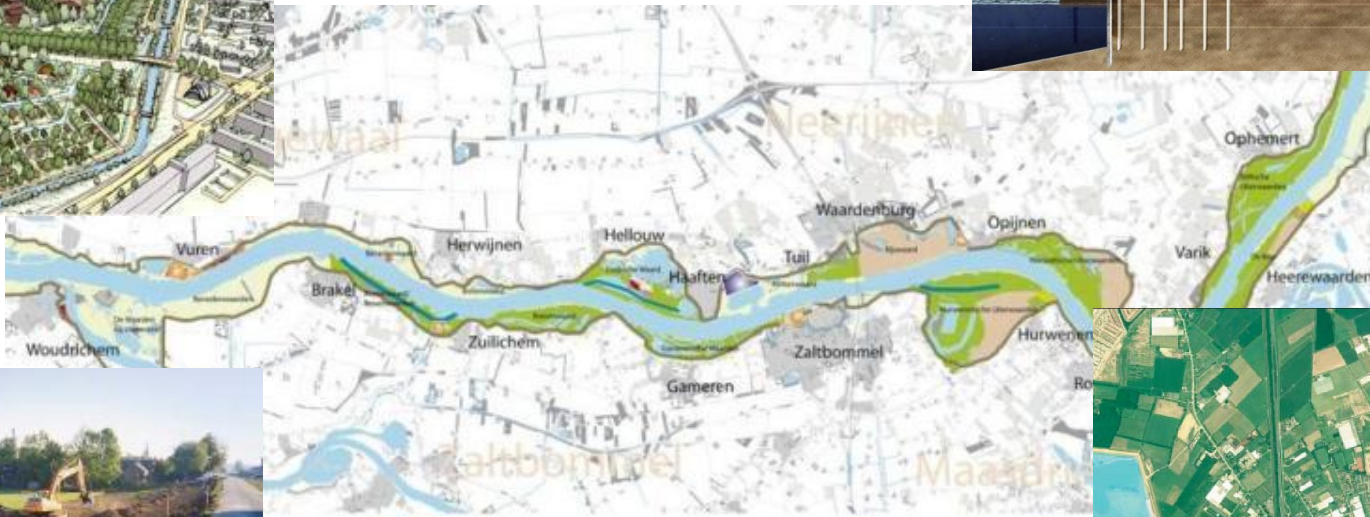
Joint agreement between national government, provinces, waterboards and municipalities





# Deltaprogramma I Rivieren

**Integrated measures =  
Linking agenda's =  
added value!**







# Multi-level Governance DP Rivers

6 water authorities, 5 provinces and 275 municipalities

## Regional approach:

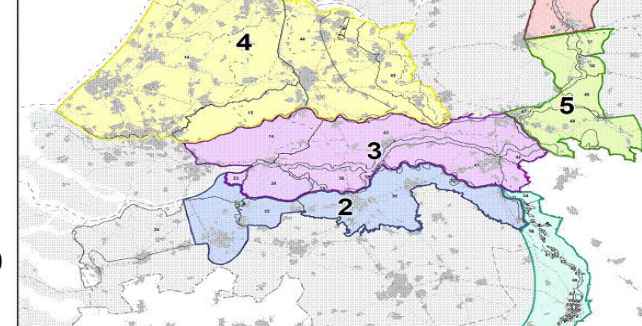
- Connect creative and innovative ideas
- Combine with local economic developments
- Involve local characteristics, knowledge, stakeholders and build acceptance

## Joint fact-finding

- – Common knowledge base improve quality of information
- – Structured, stepwise process of strategy development

Supervised by Delta Program Commissioner

- coherence between regions, uniformity, progress,



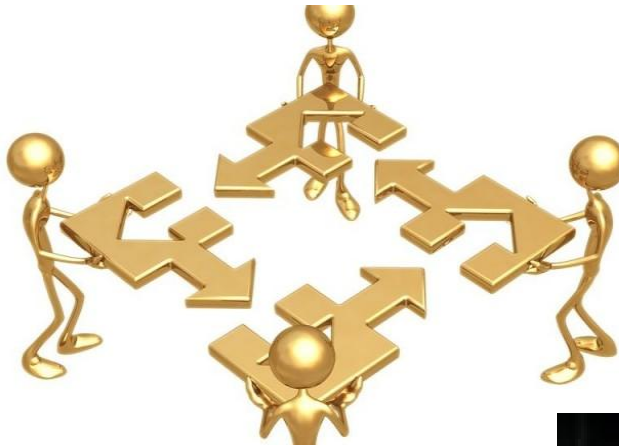


# Regional politicians at work:

1. Learning from one another, telling each others stories
2. Joint message



# Participatory Board: Involvement of stakeholders, ngo's, independent chairman





# The Dutch Delta Program: lessons learned

- A holistic **long term vision**, and related policy objectives, as a common compass
- **National policy frameworks + regional strategies**

## **Proces:**

- Joint fact finding, joint decision making, structured, multi-governance, stakeholders, science-policy interface
- supervised by independent senior official (progress, uniformity, coherence)

**Strategies:** risk and system based, integrated and adaptive

- Measures: multifunctional, flexible (“building with nature”)
- Both technological and governance innovations
- Developing and Sharing knowledge – building the Delta community

## **Continuity:**

- Annual report to Parliament (urgency in decision making)
- Act and Fund for legal base and long term stability

**Strategy development and implementation: paper vs action**