

Innovatieve interactieve communicatiemiddelen in internationaal watermanagement

Delft, 8 maart 2012




Realistic 'wall' of water

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Content

- Towards sustainable urban water management:
- Introductie: wie is Floris?
- Spoedcursus: Internationale uitdagingen en oplossingen in watermanagement
- voorbeelden
- Interactieve communicatiemiddelen als oplossing
- Conclusies



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Introductie: wie is Floris?



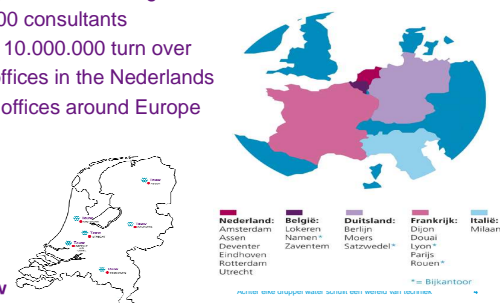
Genomineerd Ingenieur van het jaar 2011



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Introduction Tauw BV

- Innovating consultant agency
- Top 10 of Dutch engineers
- 1100 consultants
- € 110.000.000 turn over
- 6 offices in the Netherlands
- 11 offices around Europe



* = Bijkantoor
Achter elke druppel water schuilt een wereld van techniek

SKINT: Skills integration and New Technologies

- The Netherlands:**
 - Tauw BV
 - Delft University of Technology
 - Hoogheemraadschap Hollands Noorderkwartier
- Germany:**
 - Hamburg University of Applied Sciences
- Norway:**
 - NIVA, Norwegian Institute for Water Research
- UK:**
 - Bradford City Council
 - University of Sheffield
 - University of Abertay Dundee

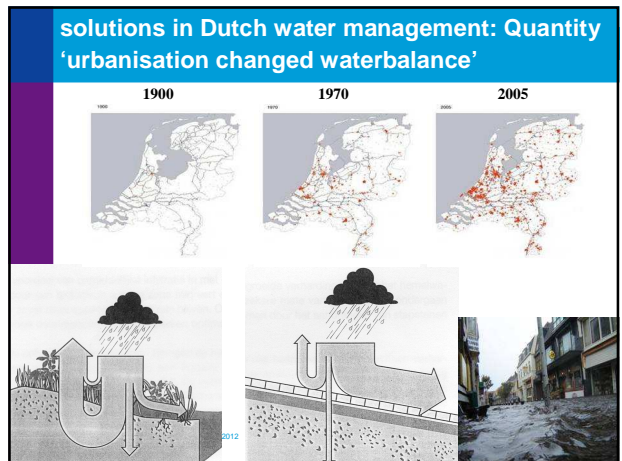
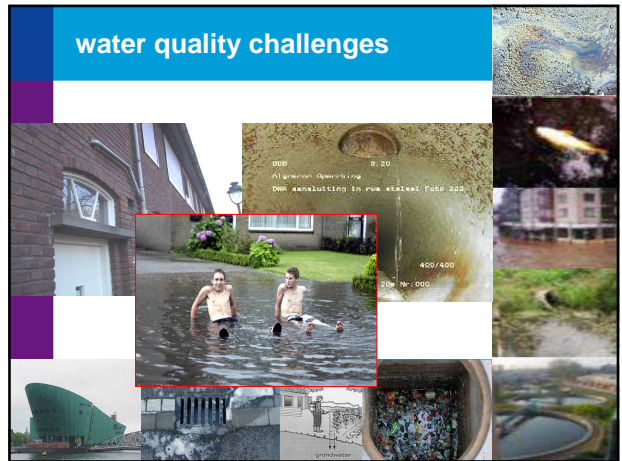


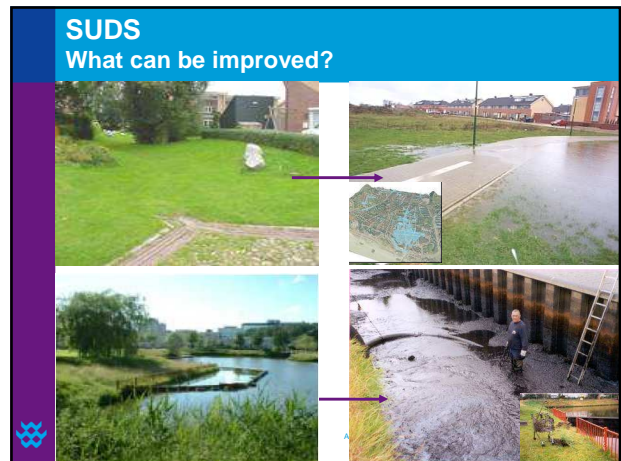
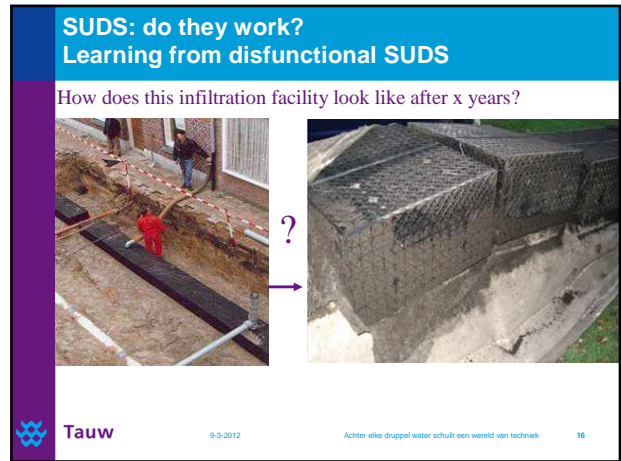
International watermanagement



Achter elke druppel water schuilt een wereld van techniek







**But from bad examples we can learn more...
Share knowledge communication**

Designer/planner

Initiatiefase
Programmatiefase
Ontwerpplanning fase

Communication!

Voorbereidingsfase
Realisatiefase
Beheerfase

maintenance

Achter elke druppel water schuilt een wereld

So...

- We know the problems
- We have solutions
- So ... the challenge is to share this (international) knowledge.
- How?
- examples

Tauw

Achter elke druppel water schuilt een wereld van techniek

Watertown, a product of Skills Integration and New Technologies

Communication

Norway
Scotland
England
Holland
Germany

The University of Sheffield
City of Bradford MDC
NIVA
TU Delft
Hochschule für Angewandte Wissenschaften Hamburg
University of Applied Sciences

Historical example: mulde rigole system (germany) to 'wadi' or 'swale'

Soil
geotextile
storage
drain
gully

implementation of the wadi-system

development

1992

9-3-2012

Achter elke druppel water schuilt een wereld van techniek

Interactive communication: interactive meetings, fieldtrips, interviews, courses, seminars, jobrotation, augmented reality, serious gaming, ...

Tauw

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Achter elke druppel water schuilt een wereld van techniek

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Hochschule für Angewandte Wissenschaften Hamburg
UNIVERSITY OF BRISTOL

WaterTown: Four Districts

Waterburgh – integrated planning

Wetley-Tetley – Pluvial flooding

EGMOND

BRYGGEN

Egmond – political decisions

Bryggen – settlement of historic buildings

WaterTown: Four Districts

Waterburgh – integrated planning

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EGMOND

BRYGGEN

Egmond – political decisions

Bryggen – settlement of historic buildings

Egmond in het nieuws

KNMI KILHAARAPPORTAGE
Egmond aan Zee

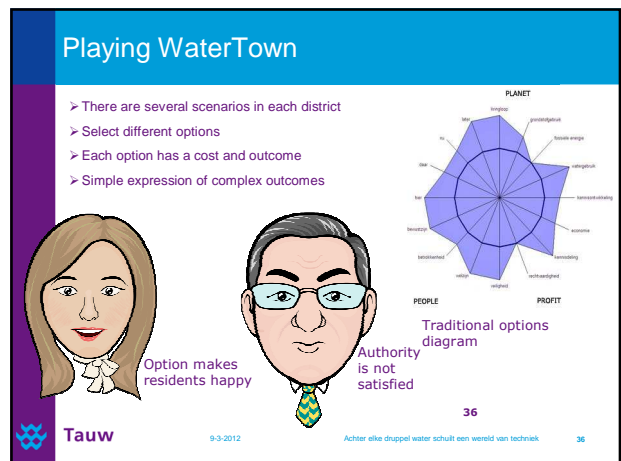
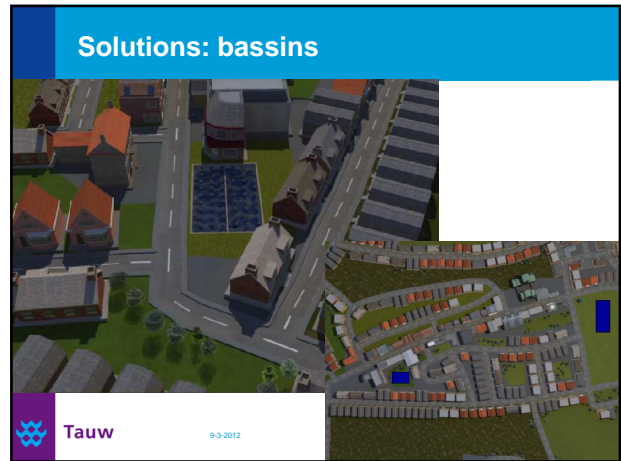
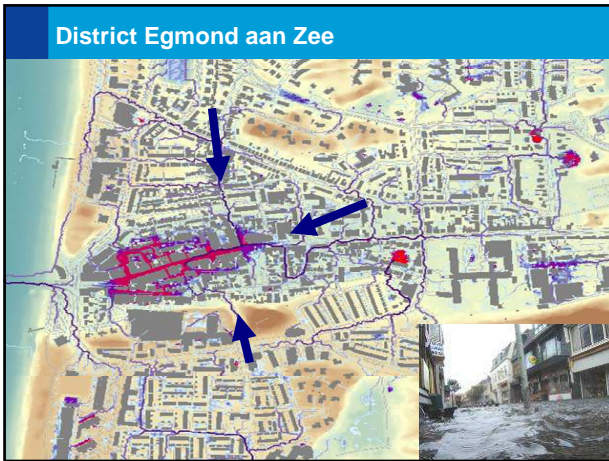
Tauw

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District Egmond aan Zee




Case study, Egmond aan Zee, Augustus 2006

District Egmond aan Zee




Conclusies

- We delen dezelfde uitdagingen
- We kunnen dezelfde oplossingen delen
- Kennisuitwisseling is the key factor
- Gebruik interactieve communicatie middelen
- Meer info: www.skintwater.eu
- Go play it yourself






Realistic 'wall' of water

Communication: transnational knowledge exchange by www.skintwater.eu



North Sea Skills Integration and New Technologies



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The use of flow mapping in Bergen

Model Development

Floodings Egmond aan Zee

Research on SUDS

Roadtrip SUDS

Urban Storm Water Management

Job rotation

North Sea Skills Integration and New Technologies

Speaking a multi disciplinary language to integrate the worlds of spatial planning and water management. Encouraging the implementation of innovative technical and sustainable solutions which have already proved to be

Overview of video projects:

The use of flow mapping, storm water management

Key words: Flow mapping, Suda, Bergen, storm water management

Model Development

Key words: Model development

Floodings Egmond aan Zee

Key words: video/ Floodings Egmond aan Zee

Research on SUDS

Key words: Research on SUDS

Roadtrip SUDS

Key words: Roadtrip SUDS

Urban Storm Water Management

Key words: Urban Storm Water Management

projects

partners

events

04-11-2010 | CLIMATE 2010 Conference | Hamburg

04-10-2010 | Summer on Water Limes | Hamburg

24-07-2010 | Research conference | Delft

23-06-2010 | Symposium | Bergen (Netherlands)

08-06-2010 | Seminar | Bergen