

Room B session 7 Customer interaction - Case studies 13.40 – 14.00

Watertown – a computer game for city water planners The Egmond aan Zee case 'the bloody nose game'.

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Content

- Short introduction
 - Skint
 - Why a Serious game?
- Watertown
 - 4 pilots
 - Using watertown
- Work in progress
- Conclusions



Realistic 'wall' of water



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




We share the same problems Problems: floodings...



Lets share 101 solutions



Communicate on improvement What went wrong? How to improve?



design

Initiëfise

Programfise

Ontwerp fise

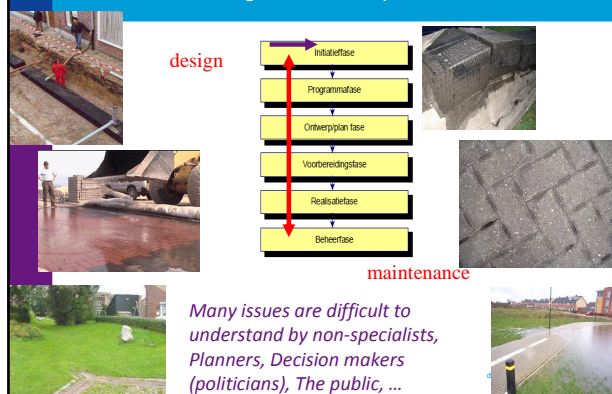
Voorbereidingfise

Realisatiefise

Beheerfise

maintenance

Many issues are difficult to understand by non-specialists, Planners, Decision makers (politicians), The public, ...



How? interactive communication:

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

Tauw
10-2-2013
Achter elke druppel water schuilt een wereld van techniek

WaterTown

WaterTown is an interactive game which challenges players to demonstrate their knowledge of water management issues within urban areas. The game is based on real life locations in Scotland, England, the Netherlands and Norway.

WaterTown: Four Districts

WaterBurgh – integrated planning
Wetley-Tetley – Pluvial flooding
EGMOND
BRYGGEN
Egmond – political decisions
Bryggen – settlement of historic buildings

WaterTown: Four Districts

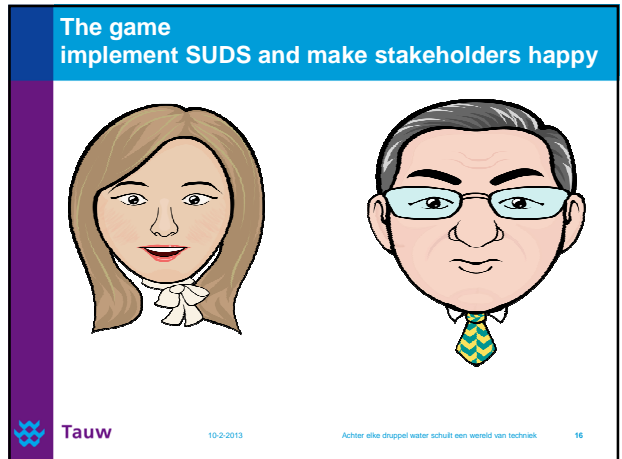
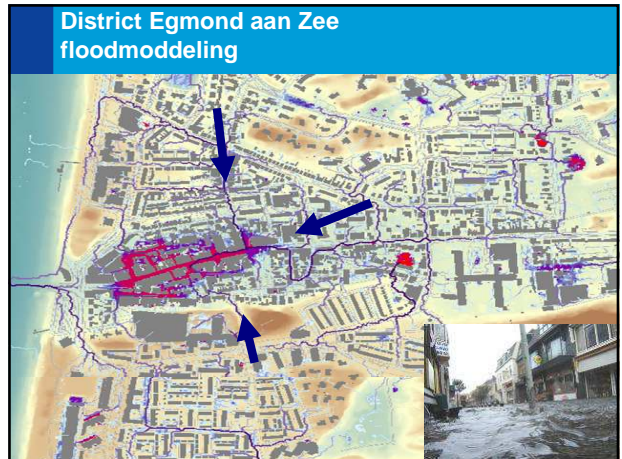
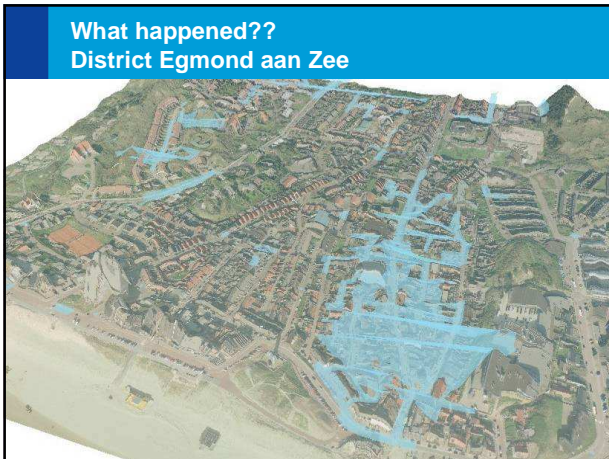
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Egmond – political decisions
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Flooding Egmond aan Zee

August 2006: 60mm/h

Egmond in the nieuws: the bloody nose game

Tauw
10-2-2013



Solutions: 'sleeping policemen' info

Collège Bois St. Théobald - International Knowledge Exchange, guidelines for the design & construction of permeable pavements, green roofs, etc. (documentaire) - Collège Bois St. Théobald - International Knowledge Exchange, guidelines for the design & construction of permeable pavements, green roofs, etc. (documentaire) - Collège Bois St. Théobald - International Knowledge Exchange, guidelines for the design & construction of permeable pavements, green roofs, etc. (documentaire)

FLORIS BOOGAARD
adviesbureau Tauw

info Guiding to swales

French trough system or 'wadi' in Devonshire

Order versus homegrown infrastructure

And many more solutions

Wadi in part of Meer

Doel: de rivier, welke al lang aan in Middeleeuwen

Beleefde met M. Ems in opdracht

Versterkte en verbeterde

Omgevings Maastricht

Deuren D'W. Spilbergen

Soort van L. J. de pakt

But are they happy?

Tauw

10-2-2013

peel water schuilt een wereld

Work in progress

- Finish the game first
 - More stakeholders
 - More info
 - More interaction
 - New locations
- E- learning
- Linking with social media
- Linking with other interactive communication tools

Achter elk

Conclusions

The main use of Watertown proved to be:

1. To engage with stakeholders
2. To provide international understandable examples of urban water management issues.
3. To provide an interactive means of developing knowledge of real life water management issues. International knowledge exchange
4. To assist with capacity building within key organisations.
5. It is fun...

Realistic 'wall' of water

Tauw

10-2-2013

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Communication: transnational knowledge exchange by www.skintwater.eu

North Sea Skills Integration and New Technologies

The Interreg IWB North Sea Region Programme

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video

Overview of video projects:

- The use of flow mapping, storm water management**
SUDS
Key words: flow mapping, Suda, Bergen, storm water management
- Model Development**
SUDS
Key words: Model development
- Floodings Edmond aan Zee**
The Netherlands
Key words: video/ Floodings
- Research on SUDS**
The Netherlands
Key words: Research/ video/ SUDS
- Roadmap SUDS on road**
The Netherlands/ postland
Key words: SUDS
- Urban Storm Water Management**
The Netherlands

projects

partners

events

04-11-2010 | CLIMATE 2010 Conference | Hamburg
08-10-2010 | Seminar on Water Law | Hamburg
01-02-2010 | Research conference | Lyon
21-09-2010 | Symposium | Bergen (NOR)
08-06-2010 | Conference | Bialystok
09-06-2010 | Conference | Bialystok