

Cross-border Platform for Regional Water management in Deltarhine- East

Dutch-German cooperation 2012-2015 

Tobias Renner, Dutch-German Coordination office
24 October 2012
Maastricht, FLOOD-WISE Final Conference



In which region does the platform work?

Supporting and strengthening
cross-border cooperation in
Rhine Delta-East

- 4 regional river basins - Vecht, Berkel, Dinkel, Oude IJssel
- Covers approximately 1/3 of the Dutch-German border



Who is participating in the platform?

Participants

- 5 regional authorities for water management and spatial development
- Dutch water boards: Velt en Vecht, Regge and Dinkel, Rijn and IJssel
- German districts: Kreis Borken and Landkreis Grafschaft Bentheim

Platform

- Founded in October 2011
- Working from 2012 to 2015 (planning cycle WFD and Flood Directive)

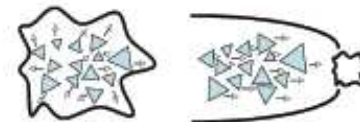
D-NL Coordination office

- Dutch and German coordinators support platform



What are the goals?

- Regional implementation of WFD and Flood Directive as well as day-to-day operational water management issues
- Focus on: Measures, measures, measures! dealing with clean rivers, protection from floods and future challenges (climate - droughts)
- Why this regional platform: Institutional hiatus between national level and local, bilateral cooperation.

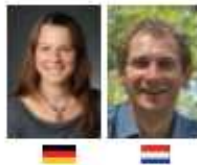


How does the platform work?

Simple organisational structure with a) Steering committee, b) Strategic working group, c) Dutch-German coordination office and d) temporary working groups for different topics.

Annual working programmes, with strategic goals for 2015 and 2020.

Two Dutch-German coordinators having as main task to initiate and stimulate cross-border cooperation, especially with regard to specific projects and measures.



What will we do in 2013?

Policy - cross-border working groups

- Fish migration, Monitoring and measures WFD, Flood protection
- Focus on harmonisation of policies and coordination of measures

Implementation - projects for water management and spatial development

- Initiating local, bilateral projects and preparing for Interreg V

Operational water management

- D-NL flood forecasting system (FEWS), flood response and joint flood evacuation drills



Events

- Conference „Regional Flood Protection Rhine-East“ in February 2013

What's special about the regional platform?

- Not project-based (Interreg or bilateral) but programme-based and long-term.



- Regional initiative - focus on measures and implementation.

- Collecting building blocks for truly integrated water management plans in 2015 and 2021.

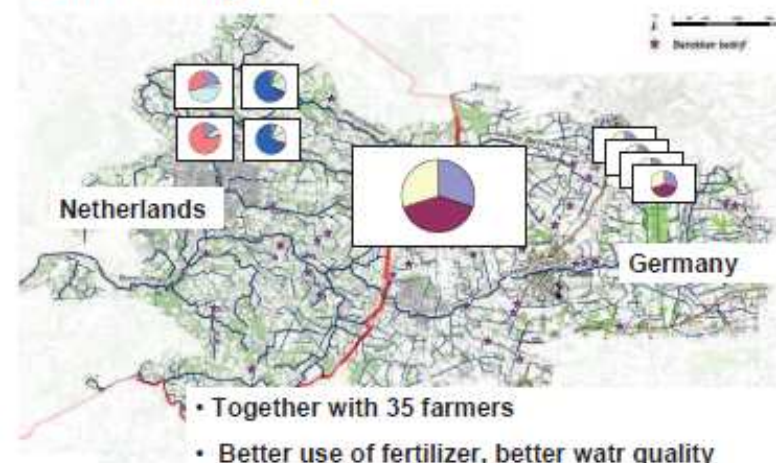


- Closer regional cooperation towards more institutional integration.

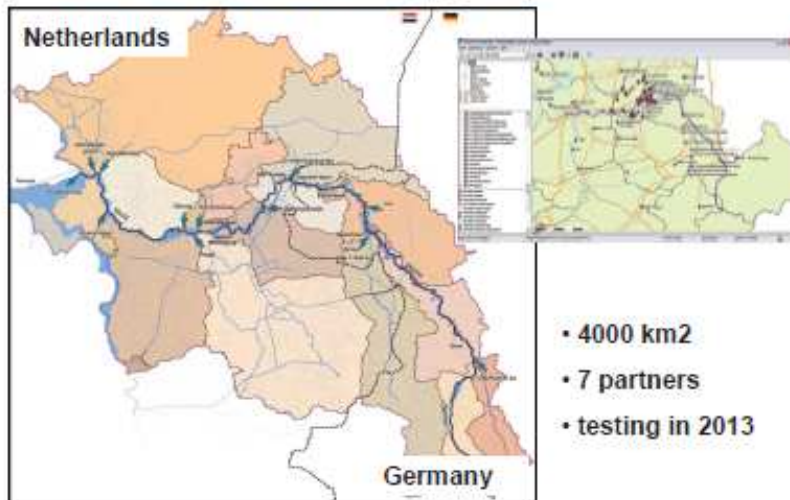
- Coordination office to power up cross-border cooperation!



Dutch-German water quality improvement project at the Schlinge river



Dutch-German flood warning / forecasting model for the Vecht river - FEWS



- 4000 km²
- 7 partners
- testing in 2013

Thank you very much for your attention!




Bedankt voor uw interesse!

For further information please contact us:

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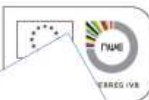
Tobias Renner - tobias.renner@rhdhv.com





Climate Changing? The Meuse to Adaptation? Meuse Evolutions

Adaptation to the Impacts of Climate Change? Meuse Adapting!

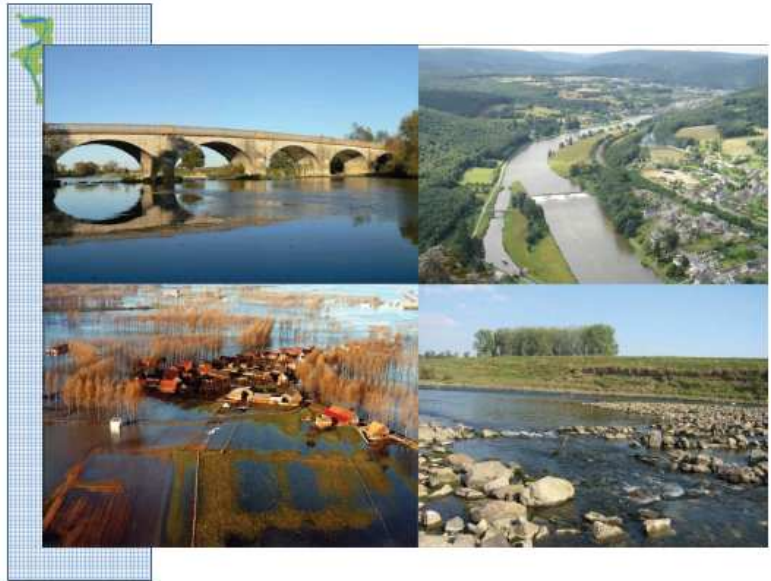




Floodwise final conference Maastricht October 24th 2012



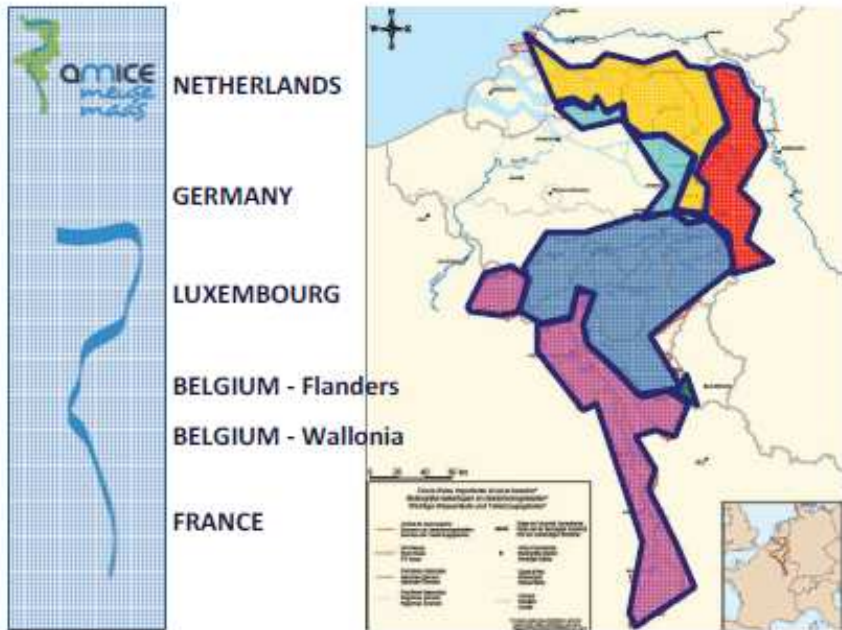

AMICE

Is a dream because the Meuse is a dream of a stream

When preparing AMICE our 17 partners dreamt of ...

One climate scenario, one hydraulic model; one crisis management software, one common view on the management of the basin; better exchanges for a better management; getting to know each other, ...



OMICE
meuse
maas

We had a nice challenge to meet



And lots of gaps to bridge



OMICE
meuse
maas

Ik begrijp het niet
Ich verstehe das nicht
Je ne comprends pas

Wet scenario

Dry scenario

Agriculture

Shipping

Petrochemicals

How will a climate proof Meuse Basin look like in 2100?

organizations

robust

no-regret

integrated

multi-functional

sustainable

supported-by-all-involved

international-support

flexible

win-win

reflective



And, yes, we did it! Last year already partners agreed that:

There was:

- ☞ an improved collaboration and cooperation;
- ☞ more interactivity;
- ☞ a better sharing of knowledge and responsibilities;
- ☞ a better understanding of the river and climate change

And that

- ☞ we knew each other and had fun together;
- ☞ results were obtained and goals met with;



AMICE FINAL CONFERENCE

Bridging Gaps!

March 13th-15th 2013



Sedan, FRANCE



A European project voor transregional co-operation
in managing water resources in the Rhine-Maas
Euregio



4 of the Maas' tributaries



PARTNERS

- ☑ Ardenne & Gaume ASBL 
- ☑ Contract de Rivière Meuse Aval 
- ☑ Provincie Limburg (BE) 
- ☑ Provincie Limburg (NL) 
- ☑ Vlaamse Milieumaatschappij 
- ☑ Waterschap Roer en Overmaas 



ASSOCIATED PARTNERS

- ☑ Région Wallonne 
- ☑ Province de Liège 
- ☑ Stadt Aachen 
- ☑ Bekkensetariaat Maasbekken 
- ☑ Regionaal Landschap Haspengouw en Voeren 





OBJECTIVES

- Managing the watercourse in its entirety
- The concept « Aquasolidarity »
- Create instruments which can be used jointly



OBJECTIVES

- Building and modernization of measuring stations
- Establishing reliable and consistent maps
- Implementation of pilot projects
- Implementation of shared communication policy



Aquadra

Four action lines(4,2 M€)

1. Coördination of the project, various actions, financial management, communication, development of a permanent structure per river basin, drafting a cooperation agreement (Charter) (0,7 M€)
2. Develop practical instruments : harmonization of management plans, permanent river basin working group , GIS, integration of measuring data, cross border modelling (hydrologic)
3. Pilot measures (2,9 M€)
4. Communication (0,6 M€)

Pilotmaatregelen Aquadra

- Extra measuring stations in all basins W-VL-NL
- Retention basins Jeker VL
- River restoration Beek or Ezelsbeek VL
- River restoration Jeker GrandÁxhe W
- River restoration Jeker (Kevie Tongeren) VL
- River restoration Berwijn W
- Natura 2000 wet zones near mining site Plombières W
- Bank restoration Geul Wijlre-Meerssen NL
- Natura 2000 measures Geul valley NL
- Fish migration Epermolen NL
- Fish migration Moresnet W



PERSPECTIVES

Development of an Aquadra Charter



WISE-RTD

WATER INFORMATION
SYSTEM FOR EUROPE

Water Knowledge Portal

dr. Guido Vaes, WISE-RTD Association

WISE-RTD

Science-Policy-Industry Interfacing

- The WISE-RTD Web Portal aims to bridge the communication & knowledge gap between policy, science and industry.
- How?
 - Addressing the target groups in their own 'language'
 - Internal keyword linking offers related info from 'the other side of the gap'
 - eLearning program to help you understand the perspectives from the other target groups



Bridging the gap on Floods

There is little experience with the implementation of this relatively new Directive (2007):

- Policy implementers need guidance on the implementation steps to take:
 - WISE-RTD has 'translated' the EC Directive's articles in implementation tasks on a time line
- FLOOD-WISE provides the pilot cases and needs to share its experiences

The linking within WISE-RTD brings the related information from 'the other side of the gap' to the users.

Water Knowledge Portal

Home | How it works | About us | My WISE-RTD | Water D Directive | About WISE-RTD

Guide me as

- Policy implementer
- Researcher or Consultant

just Browse

Latest updates

Home

Policy related information

- Water (2000) Floods (2002) ...
- Water (2000) Floods (2002) ...
- Water (2000) Floods (2002) ...

Science & Technology related information

- CLM: Enabling the delivery and... (2008) ...
- CLM: Enabling the delivery and... (2008) ...
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WISE-RTD

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dr. Guido Vaes

Policy User Entry

- Based on implementation tasks that are derived for the EC water related Directives
- Linked to the timing of this implementation



Policy implementer	
EC - Fish Water Directive - 1988 - 2000/43/EC	
EC - Shellfish Water Directive - 86/108/EEC	
EC - Urban Waste Water Directive - 91/271/EEC	
EC - Nitrate Directive - 91/271/EEC	
EC - Drinking Water Directive - 98/83/EC	
EC - Water Framework Directive - 2000 - 2000/60/EC	
EC - Bathing Water Directive - 2006 - 2006/7/EC	
EC - Groundwater Directive - 2006 - 2006/118/EC	
EC - Floods Directive - 2002 - 2002/14/EC	
EC - Marine Strategy Framework Directive - 2002 - 2002/...	

Floods implementation time line

2010	Administrative arrangements
2011	Preliminary flood risk assessment
2012	Start public consultation
2013	Flood risk maps & Flood hazard maps
2015	Flood risk management plans
2018	2nd cycle Preliminary flood risk assessment
2019	Flood risk maps & Flood hazard maps
2021	Flood risk management plans

Identify the coverage of flood risk maps and management plans

- Identify whether a river basin or coastal zone has a potential flood risk or floods might reasonably be expected to occur
- Consider scope of existing flood hazard and vulnerability information, mapping and future measures to assess suitability and efficiency and if available undertake 1.1.2 and/or 1.1.3
- Inventory of flooding processes
 - Identify data and evaluate river floods
 - Identify general meteorology, hydrology and hydrodynamic processes (frequency, timing of water courses and coastal processes etc., geo-morphological characteristics)
 - Assessment of cross-media flood defence infrastructure
 - General analysis - likelihood of future floods
 - Assessment of cross-media flood defence infrastructure
 - Long term development scenarios of land use
 - Climate change related flood scenarios
- Determine appropriate flood risk zones for mapping and prioritisation of plans

These implementation tasks are a guidance through the Floods Directive, with the corresponding articles linked to these tasks.

Identify the coverage of flood risk maps and management plans

Policy related information

Science & Technology related information

Related info

Policy related information

Science & Technology related information

WISE-RTD as interface

header - title

summary

flyer - document web link

items from the same project

related items in Web Portal

FLOOD WISE - Improve cross border flood risk management in European river basins that cross national boundaries

Short abstract in easy language in order to rapidly understand if this is useful

Related info

