

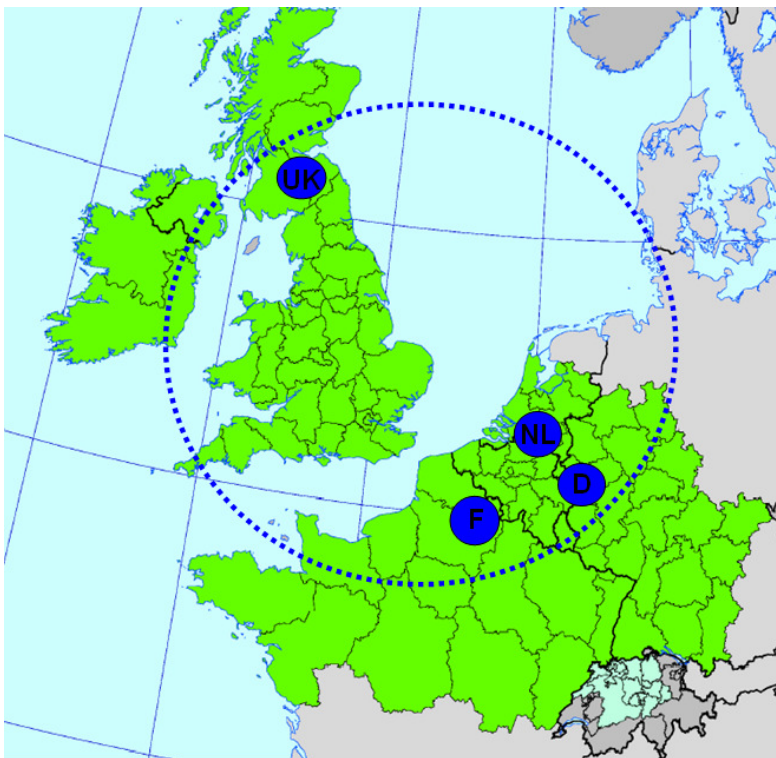


URBAN WATER

First Working group meetings

8th – 10th September 2004, Lille

Programme and
Working materials



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Annex 1: Working group 1: Matrix of links between the project activities / joint activities

Annex 2: Working group 2: Matrix of links between the project activities / joint activities



1. Schedule and topics

Wednesday, 8th September

time	event	WG session	topic	location
11.00	Meeting of the project partner group (1 representative per partner)		partnership business (e.g. reporting, budget, mid term event, communication, project manual)	Lille Métropole (LMCU), salon du Romarin
13.00	Lunch break			LMCU, salon des Peintres
14.30	Reception of the transnational project partnership URBAN WATER (all participants)			LMCU, salon du Romarin
15.00	Working group session <ul style="list-style-type: none"> • WG 1 • WG 2 	I (parallel session)	Set up of common fields of work/ tasks/ problems. Discussion of the priority topics	LMCU, salon du romarin, salon du jardin
16.30	Coffee break			
17.00	Working group session <ul style="list-style-type: none"> • WG 1 • WG 2 	II (parallel session)	Presentation and discussion of pilot projects presented by partners	LMCU, salon du romarin, salon du jardin
20h	dinner			Brasserie Flore, place Rihour centre ville

Thursday, 9th September

time	event	WG session	topic	location
9.00	Visitation of the Espierre project site			Wattrelos / Roubaix, sewage plant
11.00	Working group session "Communication strategy"	III (joint session)	Challenges and set up of communication strategies within the project	Wattrelos/ Roubaix, sewage plant
13.00	Lunch break			Restaurant Guinguette à Leers
15.00	Visitation of the artificial lake de Héron			
17.30	Trip to a site within Lille capitale européenne de la culture			Lille
18.30	Trip back to Lille, dinner			Old Town of Lille



Friday, 10th September

time	event	WG session	topic	location
9.00	Working group sessions in mini groups "comparison, work program"	IV (mini groups)	Detailed discussion of the joint activities; Comparison of the planning and management instruments and organisation structures. Set up questions to work on.	LMCU, salon du romarin salon du jardin
11.00	Working group session "Conclusions"	V (joint session)	Final Discussion. Working plan for the joint activities. Results. Next Working Group Meeting. To-Do-List	LMCU, salon du romarin
13.00	Lunch and final bilateral exchange			LMCU, salon des Peintres
14.00	End of working group meeting			

2. Introduction

Objectives of the WGs

An indispensable part of the Urban Water project network is the interaction within two working groups to assure transnational interrelation and to elaborate common achievements.

The WG meetings take place twice a year and are set up according to the two main topics of Urban Water: By division into working group 1 "Open Water Systems" and working group 2 "Urban Water Changes" all partners will be encouraged to report and organise a close mutual exchange of their experiences. The results of the WG meetings will be implemented in the following activities by elaborating reports and guidelines.

The partners participate in one or both of the WGs according to their main objectives and are involved by presenting and discussing local activities, pilot projects and experiences.

Thus local approaches are analysed, common tasks, problems and fields of work are identified and with the ongoing interaction in the WGs comprehensive outcomes are achieved which will lead to precise reports and instructions.

After the Launch Conference in Dortmund, March 2004 the principal objective of the 1st WG meeting in September 2004 is to establish the working groups to enhance knowledge, understanding and skills in accordance with the planning processes.

The major aim is to find out more about the partner's planning- and management methods and organisation structures.



Overview about the working group program during the project (draft)

Time	Strategic focus / Special issue	Issues in the phases / meetings	
		WG 1: Open water systems	WG 2: Urban Water Chains
March 04 – August 04	Set up working groups (See WG members) Starting points (See matrix)	WG set up Formulation of questions / criteria for the evaluation of the approaches: Preparation WG meeting 1 Topics for the discussions: <ul style="list-style-type: none"> • Set up of the common starting points/ fields of work • Setting up the main questions to be worked on • Setting up the smaller working groups who is going to work on which questions / field of work 	
8th – 10th Sept. 04 (Lille)	1st WG meetings (WG 1 and 2)	Opening / widening water courses	Disconnection / advanced systems
Sept. 04 – March 05	Evaluation of the starting points (partner's work and project assistance) Each WG: <u>Report 1</u> "Starting points, goals and framework"	<ul style="list-style-type: none"> • examples • planning instruments • problems • communication strategies • bottlenecks • monitoring/ assessment criteria 	<ul style="list-style-type: none"> • examples • planning instruments • problems • communication strategies • bottlenecks • monitoring/ assessment criteria
March 2005	2nd WG meetings	Technical solutions (Restoration, floodplains)	Technical solutions (existing sewer / drainage systems; disconnection, subsoil infiltration)
March 05 – Sept. 05	Evaluation of the progress Comparison of the approaches Each WG: <u>Report 2</u> "Comparison of the approaches"	- pilot studies - experiences - comparison Multiple land use - concepts - comparison Spatial Planning instruments - use of instruments - bottlenecks - need of improvement	- pilot studies - experiences - comparison Ground water balance - strategies - bottlenecks Spatial Planning instruments
September 2005	3rd WG meeting		



Time	Strategic focus / Special issue	Issues in the phases / meetings	
		WG 1: Open water systems	WG 2: Urban Water Chains
September 2005	3rd WG meeting		
Sept. 05 – March 06	Evaluation of progress Findings of Partners, Experience Each WG: <u>Report 3</u> “Demands on spatial planning and city planning”	continued; monitoring the progress contracting models innovative instruments Demands of water management on Spatial planning / city planning	continued; monitoring the progress innovative instruments - water check - maintenance plan - others Demands of water management on Spatial planning / city planning
March 06	4th WG meetings		
March 06 – Sept. 06	Evaluation of progress - Comparison continued - Good practice Each WG: <u>Report 4</u> “Good practice examples”	Side visit and evaluation of the implementation in a <u>pilot area</u> Input for the pilot area Joint conclusions	Side visit and evaluation of the implementation in a <u>pilot area</u> Input for the pilot area Joint conclusions
September 2006	5th WG meetings		
Sept. 06 – March 07	Evaluation of progress Good practice continued Each WG: <u>Report 5</u> “Good practice examples”	Side visit and evaluation of the implementation in a <u>pilot area</u> Input for the pilot areas Joint conclusions Structure / contents of the <u>Guidebook</u>	Side visit and evaluation of the implementation in a <u>pilot area</u> Input for the pilot areas Joint conclusions Structure / contents of the <u>Guidebook</u>
March 07	6th WG meetings		
March 07 – Sept. 07	Preparation of findings Good practice Common conclusions Preparation of the Guidebook	Comparison of strategies and solutions - River Restoration, - Floodplain development - Multiple land use Planning instruments - use of instruments - improvement Definition of good practice examples Results for the <u>Guidebook</u>	Comparison of strategies and solutions - existing sewer / drainage systems; - disconnection, - subsoil infiltration - Ground water balance Planning instruments Definition of good practice examples: “the vision of integrated urban water management” Results for the <u>Guidebook</u>



Time	Strategic focus / Special issue	Issues in the phases / meetings	
		WG 1: Open water systems	WG 2: Urban Water Chains
September 2007	7th WG meetings	Summarising and reporting on the results	
Sept. 07 – March 08	Generation of final findings Draft of the guidebook	<u>„Urban Water Handbook“:</u> - documentation of planning process and results, - documentation of pilot projects, - outlook on further project development - guidelines for water project management - indications for participation processes.	
March 08	8th WG meetings	Discussion of the results with all work group members (joint workshops with all WG members).	
March 08 – 6/08	Final version of the handbook	Editing	



3. Preparation of the working sessions

The links between the partner activities / joint activities: The matrices

For each working group a matrix has been developed from the activity report, to define and illustrate the interrelationship between methods, instruments and desired outcomes of different subjects (see annexes 1 and 2). The matrices have been set up based on the discussions during the application phase in summer 2003. Additionally information of the presentations and activity reports given by the partners in spring 2004 were used. However – there was the need for much interpretation to develop the matrices (so the partners are requested to give more detailed input to improve the tables!).

Primary goal of the matrices is to analyse and establish areas of joint activities as well as strengths and / or need of improvement. As an organisational tool its purpose is to search for potential of synergy and/or conflicts to evaluate the starting points, goals and framework in the planning processes

This implies the common fields of work, tasks and problems of the partners. It will create enhanced understanding of spatial planning instruments, communication strategies, monitoring- and assessment criteria in general and specifically in the partner's pilot projects.

Output – to be reached until the 2nd WG meeting in March 2005

At first after the working group meeting a report on the meeting will be written (minutes). Further it is foreseen that the working groups work on small interim reports (like a living document) that tackles all the issues of the project bit by bit during the project's lifetime. This will be done in close co-operation between the project partners (working group members), the working group leaders and the project assistance as well as the lead partner's project coordinator.

Based on the discussions on the next meeting the structure of the 1st interim report (and prospect on the final report) will be drawn.

It's planned to prepare the 1st interim report in between the time to the next working group meeting in March 2005 (see overview) as input material for the 2nd working group meeting. All partners will be asked in the months in between to contribute to the report as a structuring document for the working group activities and for the joint work packages.

Thus the Report 1: "Starting points, goals and framework", shall include first findings, goal of the partners, first joint and individual approaches and material for further work on planning tools and procedures.

During the 1st working group sessions the partners should be aware of the reports as working instrument and discuss the structure and content.



Details

Wednesday, 8th September

15.00-16.30 Working group session I

**Set up of the common fields of work/ tasks/ problems
Discussion of the priority topics**

	<i>WG 1: Open water systems</i>	<i>WG 2: Urban Water Chains</i>
<i>topics</i>	<p>Restauration of open water bodies</p> <p>Creation and protection of floodplains</p> <p>Multiple use of water bodies and floodplains</p>	<p>Optimisation of function of existing sewer/drainage systems</p> <p>Decentralised storm water treatment (disconnection, storage or improving infiltration)</p> <p>Optimising ground water balance for housing and water supply</p>
<i>input</i>	<p><i>INFRASTRUKTUR & UMWELT (IU):</i> Presentation and explanation of the matrix (annexes A1 and A2), design and development of topics and subjects of the tables.</p> <p><i>Each participant of the working group:</i> Reaction of the project partner/assessment: analysis and descriptions of their actions, where are the main problems/ major challenges (at least one representative per partner: see 4.)</p>	
<i>intended output results</i>	<ul style="list-style-type: none"> • establish the main topics for the working-groups • discussed and actualized matrix (joint activities, links) 	



17.00-18.30 Working group session II

Project-related input to the Matrices:

Presentation and discussion of tasks/ planning objectives and –methods/ problems and bottlenecks/ lacking know-how and best practise methods in the presented pilot projects.

Conclusions for the mini-group-work on Friday

	WG 1: Open water systems	WG 2: Urban Water Chains
<i>topics</i>	See matrix A3 Restoration of open water bodies/ spatial planning See matrix A2 and A4 Restoration of open water bodies / modelling / economic instruments See matrix C3 Multiple use of water bodies and floodplains/ spatial planning	See matrix D4 Optimisation of function of existing sewer- and drainage systems / economic instruments See matrix E1 and E6 Decentralised storm water treatment/ data survey and monitoring and communication strategies
<i>input</i>	<u>Winfried Geisel (A3):</u> Pilot project Lippe See: Implementing the WFD, conclusions for urban planning <u>Erik Slobbe (A2 and A4):</u> Optimising the water system in the south of Arnhem; and Feasibility study for using effluent from the sewer purification (economical impact) <u>Boreas Zandberg (C3):</u> Pilot project Stadsblokken: balancing objectives – water management versus ecology versus spatial planning	<u>Stephen Tingle (D4):</u> Paying for water services 2006-2010 <u>Els Reinking (E1 and E6):</u> Possibilities for disconnection on paved surface/pilot projects and cooperation model between Municipality and inhabitants
<i>discussion</i>	<i>All in WG1</i>	<i>All in WG2</i>
<i>intended output results</i>	Additional details on <ul style="list-style-type: none"> • pilot projects and • links between partner activities Overview: who is going to join which mini-group on Friday	

Notice: Thursday, the 9th Sept 04 will be used to present the projects and approaches of PP 8 (Lille) during the site visits!



Thursday, 9th September

11.00-13.00 Working group session III

Communication strategies (Tasks/ aims/ methods/ problems) and set up within the project

	<i>WG 1: Open water systems and WG 2: Urban Water Chains together</i>
<i>topics</i>	See matrix WG1 A6: Restauration of open water bodies/ Communications strategies See matrix WG2 D6: Optimisation of function of existing sewer/drainage systems/ Communications strategies
<i>input</i>	<u>Henk Velthorst (A6):</u> Public involvement in the waterplan of Arnhem <u>Antaal Zuurmaan / Ton Verhoeven (D6) (input inquired):</u> Public awareness: water art projects in the pedestrian zone of Nijmegen
<i>discussion</i>	<i>All together</i>
<i>intended output/result</i>	<ul style="list-style-type: none"> • Listed key words: what kind of communication is needed/ works/ does not work? • Agreement on the next steps



Friday, 10th September

9.00-11.00 Working group session IV

Comparison of the planning and management instruments/ organisation structures.

Understanding of spatial planning instruments, communication strategies, monitoring- and assessment criteria

Set up of selected joint activities in detail, questions to work on

	WG 1: Open water systems			WG 2: Urban Water Chains		
<i>Mini-Groups</i>	<i>MG 1</i>	<i>MG 2</i>	<i>MG 3</i>	<i>MG 4</i>	<i>MG 5</i>	<i>MG 6</i>
<i>topics</i>	Restoration of open water bodies	Creation and protection of floodplains	Multiple use of water bodies and floodplains	Optimisation of function of existing sewer/ drainage systems	Decentralised storm water treatment (disconnection, storage or improving infiltration)	Optimising ground water balance for housing and water supply
<i>input</i>	Discussion among the partners	Discussion among the partners	Discussion among the partners	Discussion among the partners	Discussion among the partners	Discussion among the partners
<i>discussion</i>	<i>(After the Discussion among the partners MGs tell results* to Henk Nijland who will present a final result)</i>			<i>(After the Discussion among the partners MGs tell results* to Hans van Ammers who will present a final result)</i>		
<i>intended output result</i>	<ul style="list-style-type: none"> • chart for the results* • set up of selected joint activities in details, • list of questions to work on • list of the project partner's input until the next WG in 2005 					

* prepared formats with the outcome will be filled out during the working group sessions (e.g. "main problems to overcome"; "envisaged solutions", "instruments", innovative approaches" etc.)



11.00-13.00 Working group session V

Clarification of the Working group tasks, agreement on the joint activities

	<i>WG1 and WG2 (joint session)</i>
<i>topics</i>	<p>Fields to work on. Questions to answer:</p> <ul style="list-style-type: none"> • are the joint activities clarified? (... improvement of the matrices done?) • are the joint outcomes clarified? (... end results clear?) • have the necessary bilateral or trilateral co-operations been set up? • who will support whom? ... and in which stage? ... and in which way? • priority steps for the next six month regarding the joint activities? <p>Products</p>
<i>input</i>	<p><i>Henk Nijland and Hans van Ammers</i></p> <p>Results of session IV</p>
<i>discussion</i>	<i>All together (see the questions above)</i>
<i>intended output result</i>	<ul style="list-style-type: none"> • <i>review of next steps in the ongoing project</i> • <i>agreement on the conclusions</i> • <i>content for the 1st interim report (and prospect on the final report)</i> • <i>to do list</i>

It's planned to prepare the report in between the time to the next working group meeting in March 2005 (see overview). All partners will be asked to contribute to the report as a structuring document for the working group activities and joint work packages.



4. Your preparation for the 1st WG meeting

Issue	Comment	who	until
Check all materials	please react if something is missing	<u>all Participants</u>	6.9.04
<p>Check the <u>matrices</u>: prepare input to session II</p> <p><u>Answer</u> the question from your point of view</p>	<p>Please prepare your input in session II as follows:</p> <ol style="list-style-type: none"> 1. <u>Check</u> the classification and prepare a explanation of the named actions (your input session II) 2. <u>Answer and key words (your input session II)</u>: What specific instruments do you use in the specific area (short description)? 3. <u>Problems, achievements, challenges (your input session II)</u>: What internal and/or external factors could be used to improve the projects functioning and effectiveness of its programs and instruments? 	<p><u>All Participants</u></p> <p>(only one person per partner!!!)</p>	8.9.04
<p>Presentation 15 Min. each</p> <p>Please remember to give a very specific presentation answering these questions:</p> <ul style="list-style-type: none"> • what are strong and weak issues of your solutions? • what are open questions? • where do you need input from the other project partners? • where will you deliver solutions for the other project partners? 	Pilot project Lippe See: Implementing the WFD, conclusions for urban planning	Winfried Geisel	8.9.04
	Optimising the water system in the south of Arnhem; and Feasibility study for using effluent from the sewer purification (economical impact)	Erik Slobbe	8.9.04
	Pilot project Stadsblokken: balancing objectives – water management versus ecology versus ecology	Boreas Zandberg	8.9.04
	Optimisation of function of existing sewer- and drainage systems / economic instruments "paying for water services 2006-2010"	Stephen Tingle	8.9.04
	Possibilities for disconnection on paved surface/pilot projects and cooperation model between Municipality and inhabitants	Els Reinking	8.9.04
	Public involvement in the waterplan of Arnhem	Henk Velthorst	9.9.04
	Public awareness: water art projects in the pedestrian zone of Nijmegen	Antaal Zuurmaan	9.9.04



WG 1: OPEN WATER SYSTEMS		Topics / Subjects / Activities		
Phases, methods and instruments:		Restoration of open water bodies A	Creation and protection of floodplains B	Multiple use of water bodies and floodplains C
1	Data Survey / Monitoring	<p>PP1/EG: evaluation of data basis?</p> <p>PP5/ARNH: water quantity/ water quality at the outlet of storm water sewersystem</p> <p>PP6/NIJM: water system (water quality and quantity, ecosystem, technical objects)</p> <p>PP8/LMCU: monitoring water quality during rain periods</p>	<p>PP4/LV: emissions assessment (noise)</p>	
2	Modelling	<p>PP1/EG: groundwater-/ water quality model/ lake modelling (sludge import...)</p> <p>PP6/NIJM: surface water; groundwater model</p> <p>PP8/LMCU: water quality/ hydraulic model</p>	<p>PP1/EG: dike relocation; hightening ground of surrounding areas</p> <p>PP4/LV: hydrogeological studies; quality-groundwater-, 2-D flow model</p>	<p>PP7/RWS: hydraulic model</p>
3	Spatial Planning (National/Regional)	<p>PP1/EG: overall planning of dismantling of former industrial facilities</p> <p>PP5/ARNH: social impact / multiple use of water in urban area</p> <p>PP8/LMCU: Feasibility study on management options</p>	<p>PP1/EG: decentralized measures in the settlements ?</p> <p>PP4/LV: urban and spatial development study</p>	<p>PP4/LV: sustainable use of inhabitable area in natural flooding areas of towns/ urban areas</p> <p>PP7/RWS: spatial reconnaissance study / legal framework</p>
4	Economic Instruments	<p>PP1/EG: public private partnership/ contracting approaches</p> <p>PP5/ARNH: economical impact of purifying the effluent of the sewage treatment plant</p>	<p>PP1/EG: maintanance management concepts</p>	
5	Nature/Environment	<p>PP6/NIJM: survey on toxic sludge</p> <p>PP8/LMCU: requalification of landscape through bank infiltration</p>	<p>PP1/EG: development of banks</p> <p>PP4/LV: environmental impact assess., subsidiary land-scape plan, flora-fauna habitat compatibility study</p>	
6	Communication strategies	<p>PP1/EG: communicate impact of combined actions (recreation potential...)</p> <p>PP5/ARNH: improving attractiveness and re-creational use of water by cooperation</p>		<p>PP7/RWS: comparison of strategies for stakeholder involvement</p>



WG2: URBAN WATER CHAINS		Topics / Subjects / Activities		
Phases, methods and instruments:		Optimisation of function of existing sewer/drainage systems D	Decentralised storm water treatment (disconnection, storage or improving infiltration) E	Optimising ground water balance for housing and water supply F
1	Data Survey / Monitoring	<p>PP3/RENF: GIS plans for advice on desired arterial sewers, sust. drainage systems (SuDS) and watercourses for (re-) development</p> <p>PP5/ARNH: "watercheck"</p>	<p>PP2/NIEU: possibilities for disconnection of paved surface</p>	<p>PP3/RENF: GIS plans for advice on flood attenuation and storage requirements for development and redevelopment</p> <p>PP5/ARNH: "watercheck"</p>
2	Modelling	<p>PP3/RENF: model floors/ Peockland / drainage area plans / multinodal combined sewer models</p> <p>PP5/ARNH: water quantity/ water quality model (at the outlet of storm water sewersystem and/or surface water)</p>	<p>PP2/NIEU: hydraulic design retention basin</p>	<p>PP5/ARNH: system to cope with situations of high water and drought including groundwater problems (seepage/rainwater)</p>
3	Spatial Planning (National/Regional)	<p>PP3/RENF: retrofit guidelines for developed areas / common technical reference (matters addressed, process of approval, format submitted for new development)</p> <p>PP6/NIJM: comparison of strategies/ best practice / scanning neighbourhood</p>	<p>PP1/EG: best practise projects in co-operation with municipalities, house building companies + citizens</p> <p>PP2/NIEU: disconnection of two great schoolbuildings</p>	
4	Economic Instruments	<p>PP3/RENF: watercourse maintenance guidelines for developed areas</p>	<p>PP1/EG: influence of disconnection on local/ regional waste water fee systems; tool: cost estimation</p> <p>PP2/NIEU: design of the needed disconnection provisions</p>	
5	Nature/Environment	<p>PP3/RENF: GIS plans for advice on approved environmental corridors sought along existing watercourses</p>		
6	Communication strategies	<p>PP3/RENF: drainage impact assessment guidelines</p> <p>PP6/NIJM: Interviews with responsables for maintenance of sewers and roads</p>	<p>PP1/EG: pointing out advantages of disconnection, reducing prejudices</p> <p>PP2/NIEU: stimulate inhabitants/ participation on dis-connection project by pilot projects/with waterboard</p>	

Members of WG2:

P1/EG: Emscher Genossenschaft

PP2/NIEU: Nieuwegein

PP3/RENF: Renfrewshire

PP5/ARNH: Arnhem PP6/NIJM: Nijmegen