

D 57 Plan for Using and Disseminating Knowledge

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Summary

The management and dissemination of knowledge and information obtained through the AquaMoney project has an internal (within the project) and an external (outside the project) dimension. This document presents the plan for using and disseminating the knowledge generated within the AquaMoney FP6 project in an effective way, both regarding the use and dissemination of knowledge within the project consortium and with the outside world, with academia and policy making as the two main audiences.

The dissemination and knowledge management activities – both within the project and beyond the project team – therefore include a number of separate but interconnected activities, including:

- The project website at www.aquamoney.org
- Presentations and lectures related to the AquaMoney project and its results
- Exchange with the Advisory Committee - The management and exchange of knowledge, new insights and information between the project and the ‘outside world’ such as WFD expert groups, relevant stakeholders and policy makers across European river basins and in national Water Agencies and Environment Ministries is to a large extent facilitated through the inclusion of important (inter)national organisations directly involved in the implementation of the WFD in the Advisory Committee and the involvement of national and regional policymakers and stakeholders in the pilot case studies.
- Less formal communication (discussions, email exchanges, meetings)
- Publications targeted at the different constituencies
- Training courses

There has been substantial interest in the AquaMoney project as can be seen in the following:

- There has been a substantial stakeholder involvement in all case studies as the report D55 on stakeholder participation shows.
- There was a high attendance of the Advisory Board members the 2nd AB-meeting in Budapest. 13 of the 25 Members attended to the meeting. Five also attended to the two day team meeting.
- Advisory Board members attended the final conference on water economics.
- The final conference was part of the annual European Association of Environmental and Resource Economists (EAERE) in Amsterdam 2009.
- AquaMoney was presented at the International Thematic Week of Water Economics and Finance at the International Exhibition of Zaragoza 2008 (Spain) with a poster.
- AquaMoney is presented at the 5th International Water Technologies, Renewable Energy & Environmental Control Exhibition and the 2nd International Conference (WATEC 09) in Tel Aviv, Israel on 17-19 November 2009.
- AquaMoney is featured in issue no.17 of DG RTD’s "Environmental Technologies Research" newsletter.
- The members of the AquaMoney team have been invited to many occasions to present results or to present the project.

There has already been concrete up-take of the AquaMoney results: the results from the Belgian Scheldt case study contributed to a disproportionality analysis for the Flemish government.

Hence it can be seen that both groups – policy makers as well as politicians – are included in the project in a sufficient way and act as multipliers to feed project results into the national implementation process in the Member States.

There is also a high interest from the side of authorities and policy makers in charge of the WFD implementation. Many Member States face substantial uncertainties regarding the exact role and context specific estimation and interpretation of the estimated environmental and resource costs and benefits in the river basin management plans to be finalised by 2009, not only in relation to Article 9 WFD, but also in relation to Article 4 WFD. Thus, policy maker demand for the project outputs is substantial.

1. Introduction

This document presents the plan for using and disseminating the knowledge generated within the AquaMoney FP6 project in an effective way, both regarding the use and dissemination of knowledge within the project consortium and with the outside world, with academia and policy making as the two main audiences. The management and dissemination of knowledge and information obtained through the AquaMoney project has an internal (within the project) and an external (outside the project) dimension.

The management of knowledge and information within the project basically concerns the provision of adequate and efficient lines of communication between all consortium members, including the Scientific Council and the Advisory Committee, by keeping everyone up to date of relevant project outputs, milestones and decisions through the website and through regular project meetings. The management of knowledge and information related to the outside world (beyond the project) includes the appropriate modes of interaction with the two main constituencies that will have an interest in the project results – policy making and academia – and the use of appropriate dissemination channels (presentations, publications, communication) to achieve a wide distribution and uptake of project results.

The dissemination and knowledge management activities – both within the project and beyond the project team – therefore include a number of separate but interconnected activities, including:

- The project website at www.aquamoney.org
- Presentations and lectures related to the AquaMoney project and its results
- Exchange with the Advisory Committee
- Less formal communication (discussions, email exchanges, meetings)
- Publications targeted at the different constituencies
- Training courses

As regards the audience of the external dissemination activities, there are different constituencies for whom the results of the AquaMoney project may be interesting and potentially useful: academia, policy makers, practitioners and other stakeholders involved in WFD implementation (mostly public administration officials, interest groups and consultancies, which for practical purposes can be subsumed under policy and decision makers). Knowledge dissemination will therefore take place along different trajectories:

- targeted at policy makers, e.g. by presenting the project at meetings, working groups and seminars attended by policy makers (in the widest sense, i.e. including civil society actors), using specific dissemination material targeted at these audiences (e.g. short and compact policy briefs that condense main findings and results on few pages, also underlining the relevance of the results for the practical implementation problems faced by decision makers.
- targeted at a more academic audience, by presenting the project and its results at academic seminars and conferences, as well as at combined events that are relevant for both academia and policy makers. Dissemination in the academic setting will also include the publication of results in journals or as book chapters. In addition, this type of dissemination also includes the integration and exchange with other, related research projects (funded by the 6th and 7th framework programmes or otherwise).

The management and exchange of knowledge, new insights and information between the project and the ‘outside world’ such as WFD expert groups, relevant stakeholders and policy makers across European river basins and in national Water Agencies and Environment Ministries is to a large extent facilitated through the inclusion of important (inter)national organisations directly involved in the implementation of the WFD in the Advisory Committee and the involvement of national and regional policymakers and stakeholders in the pilot case studies. Both groups are included in the project to provide hands-on advice based on their experiences in the WFD implementation process and to act as multipliers to feed project results into the national implementation process in the Member States. This structure aims to facilitate the process of feeding (intermediate) results obtained at different stages of the project into the Member States’ river basin management plans, which have to be ready by the year 2009. Many Member States face substantial uncertainties regarding the exact role and context specific estimation and interpretation of the estimated environmental and resource costs and benefits in the implementation of the WFD, not only in relation to Article 9, but also in relation to Article 4. Hence policy maker demand for the project outputs is expected to be substantial. In this respect, the timing of the project and its outputs fit exactly the timing of the implementation procedure.

2. The AquaMoney website

The AquaMoney project website has been operational at www.aquamoney.org since a very early stage of the project (Mid-2006). It comprises an external part, which provides background information on WFD and the role of economics in the Directive, information about and access to the AquaMoney case studies, lists the project partners and the members of the Advisory Committee, and which provides access to the project results and deliverables that are in the public domain. In addition, the website also comprises a password-protected internal part, which is intended to support the functioning of the project and the exchange among project partners.

Presentations of the last meetings and finalised reports have been uploaded.

2.1 Internal dissemination and knowledge sharing through the website

The website features a password-protected section accessible to members only, which has been designed to facilitate the exchange of information. Through a file sharing platform, consortium members are enabled to access all relevant documents and presentations related to the project, including draft reports, background papers, relevant publications (if no conflict with copyright provisions exists), and documents related to the project meetings (agenda, directions, presentations etc.). Discussions about the content of the work are partly facilitated by enabling consortium members to comment on draft versions of reports etc. which are downloadable from the password protected area of the website. In addition, on request of the project participants at the kick-off meeting, a discussion forum has been set up in the password-protected part of the AquaMoney website, which is intended to support discussions in a structured, transparent and easily accessible way and thereby build up a knowledge archive. However, the uptake of this tool has been sluggish, despite several invitations and reminders.

2.2 External dissemination through the website

The dissemination of information through the project website includes relevant news and information about milestones and project results, but also about events such as the final conference. Furthermore, the AquaMoney website contains a section with background information on the economic elements of the WFD, including links to relevant policy documents and guidance material produced under the Common Implementation Strategy (CIS) process, as well as national-level initiatives and information resources on WFD implementation. In addition, this section also links to other relevant research initiatives and projects.

One key role of the website for the external dissemination is that it provides a quick and easy one-stop shop to receive more information on the project and to access the project results (reports, papers, documents, presentations) that are already in the public domain. To support this function, the aquamoney.org website has been highlighted and promoted in several occasions, including the Commissions first report on the WFD implementation (Communication from the Commission to the European Parliament and the Council - Towards sustainable water management in the European Union - First stage in the implementation of the Water Framework Directive 2000/60/EC – SEC(2007) 362).

3. Presentations and lectures related to the AquaMoney project

Communication and dissemination instruments used to facilitate the management of knowledge and information between the project and the outside world include:

- International and national workshops and a final project conference where project progress, new insights and information will be disseminated and fed back to both the scientific community and WFD expert groups.
- Presentations of project results to WFD CIS working groups and relevant EU bodies. In order to maximise the impact of the project, the project itself and intermediate results will also be presented to other projects supported under the FP6.

In line with the objectives, the AquaMoney project was presented at a number of workshops, seminars and conferences, attended both by policy makers, by practitioners and administration officials involved in the implementation process, by

academic scholars and the wider research community. This includes presentations devoted entirely or predominantly to the AquaMoney project given at several events, some of which are listed below.

Table 1: Presentations

Event Title, Place	Place	Date	Presenter	Focus / Title of the presentation	Audience
IVM					
School of Resource and Environmental Management Seminar Series	Simon Fraser University, Vancouver, Canada	24 September 2009	Roy Brouwer	Choice certainty and consistency in a repeated choice experiment - a water conservation case study	academia and students
EAERE Conference	VU Amsterdam	24-27 June 2009	Marije Schaafsma	Substitution in spatial choice using a universal logit model approach	academia
EAERE Preconference Water Economics	VU Amsterdam	24 June 2009	Roy Brouwer	'Diamonds and Water': Introduction to the Preconference	Academia
Faculty of Environment Lecture Series	Simon Fraser University, Vancouver, Canada	23 June 2009	Roy Brouwer	The Role of Economics in European Water Policy	academia and students
IVM	VU University Amsterdam	May 2009	Marije Schaafsma	Asymmetric substitution patterns in spatial choice modelling	academia and students
ENVECON Conference	The Royal Society in London	20th March 2009	Marije Schaafsma	Quantifying and Valuing the Non-Market Benefits of Water Quality Improvements across Europe for the Water Framework Directive: A multi-country common valuation design, implementation and tests of benefits transfer	academia
53rd Annual Australian Agricultural and Resource Economics Society Conference	Cairns	10-13th February 2009	Windle, J., Rolfe, J. and R. Brouwer	Public values for improved water security for domestic and environmental use	academia
Joint Crawford School and Economics and Environment Network Seminar	Australia National University, Canberra	18 March 2008	Roy Brouwer	Water as an economic good: The role of water economics and water values in European water policy	Policy makers, academics, students
35th (XXXV) IAH congress (International Association of Hydrogeologists)	Lisbon	21.9.2007	Roy Brouwer	Key note speech "Groundwater and Ecosystems"	Academics
4 th HarmoniCA policy workshop on Using Economic Methods and Models for the Implementation of the Water Framework Directive	Berlin	14.6.2007	Roy Brouwer	Economics in the WFD	Academics
International conference on water valuation	Santiago, Spain	24-26 May 2006	Roy Brouwer	The use and usefulness of stated preference methods for the valuation of water resources.	Academia
envecon 2007: Applied Environmental Economics Conference	London	23 March 2006	Roy Brouwer	"Economic valuation of the non-market benefits of the European Water Framework Directive: An international river basin application of the contingent valuation method" (including preliminary results were of the Scheldt case study in the AquaMoney project)	Academia & policy
NIVA					

Event Title, Place	Place	Date	Presenter	Focus / Title of the presentation	Audience
Norwegian Water Association	Oslo	May 2007	David Barton	Non-market valuation methods in environmental impact assessment. AQUAMONEY Pilot study results	
Workshop on Water in EIAs (Vann i konsekvensutredninger)	Norway	9 May2006	David Barton	- economic valuation of impacts in water bodies (Prissetting av konsekvenser i vann) including the Norwegian AquaMoney case study.	Policy
RISSAC					
Project meeting	Bologna	25-27.09.2007	Zsófia Bakacsi	Web based survey – ideas for common design	Project team
Kick off meeting for the survey, Tatabánya Business School	Tatabánya	12.05.2007	Sándor Kerekes Zsuzsanna Flachner	WFD and economics Role of	Different planners, decision makers from companies, municipalities; researchers, civic organizations
CUB					
Lectures	Corvinus University Of Budapest	Various	Dr. Szerenyi Zsuzsa	Environmental Economics - The role of stated and revealed preference studies - the AquaMoney project	Undergraduate and Graduate students
UNIBUC					
Lecture at the University of Bucharest	See above	26.02.2008	Angheluta Vadineanu	Information from analysis of responses to questionnaire applied in the Braila Islands study case	See above
Lecture at the University of Bucharest	Bucharest	01.10.2007	Angheluta Vadineanu	AquaMoney questionnaires in Braila Islands and Neajlov catchment study cases	Master and PhD students in Systems Ecology & Sustainability
UPVLC					
17th Annual Conference of the European Association of Environmental and Resource Economics.	Amsterdam , The Netherlands	24-27 June 2009	Martín-Ortega, J., R. Brouwer, B. Alvarez-Farizo; J. Andreu; A. Kontogianni; M. Pulido-Velázquez; M. Raggi; I. Sardonini; D. Ronchi, M. Skourtos and D.Viaggi	Modelling Water Security Choices in the Face of Increasing Water Scarcity in South Europe and Tests of Transferability	academia
UCO (BC3)					
27th International Conference Agricultural Economics	Beijing	August 2009	Martín-Ortega, J., Brouwer, R. and Berbel, J.	Economic analysis of spatial preferences heterogeneity of water quality	academia
Seminario sobre Valoración Económica and Percepciones sociales de los beneficios ambientales en la DMA	Centro de Estudios Andaluces, Sevilla	10 July 2009	Martin-Ortega, J.	Beneficios Ambientales de la Directiva Marco del Agua: el caso del Guadalquivir	
Economic Valuation of the Environment Scientific Meeting	Institute for Environmental Studies.	21st March 2009	Martín-Ortega, J.	The use of choice experiments for the valuation of water quality	academia

Event Title, Place	Place	Date	Presenter	Focus / Title of the presentation	Audience
	Vrije Universiteit Amsterdam				
VI Congreso de Economía Agraria. Universidad de Castilla La Mancha.,	Albacete	18-21.09.2008	Julia Martín-Ortega, Berbel Vecino & Roy Brouwer	Beneficios y costes ambientales del uso del agua. Una estimación en aplicación de la Directiva Marco del Agua al Guadalquivir.	
VI Congress of the Spanish Society of Environmental and Agricultural Economics	Albacete (Spain)	18-21 September 2007	Martín-Ortega, J., Berbel, J. and Brouwer	Environmental costs and benefits of water use: an estimation on application for the Water Framework Directive to the Guadalquivir River Basin	academia
2006 Hydronòmica Convention on The Costs and Price of Water	Barcelona	13-15 November 2006	Julia Martín-Ortega and Julio Berbel	economic valuation of environmental costs of water under WFD.	Academia & policy
UEA					
Seminar at Corvinus University Budapest	Budapest	9.4.2008	Ian Bateman	Bringing the Environment into Economic Decision Making: Targeting Land Use Policy	Students
Fourth Plenary AquaMoney Meeting, Corvinus University Budapest	Budapest	9.4.2008	Ian Bateman	Progress to a Common Study Design: A common approach across Belgium, Denmark, Lithuania, The Netherlands, Norway and the United Kingdom & Aquamoney: UK study	Students
Advisory Board and Policy Executive at the Fourth Plenary AquaMoney Meeting	Budapest	9.4.2008	Ian Bateman	A common approach for valuing water quality across the EU	
Environmental research seminar series, Department of Economic, University of California San Diego	San Diego	8.4.2008	Ian Bateman	Choice Set Awareness and Ordering Effects in Choice Experiments	Students
Presentation to the Welsh Assembly Government	Aberystwyth	8.2.2008	Ian Bateman	Incorporating environmental complexity into economic analyses	
Research Seminar Series, Economics Department, University of Las Palmas, Gran Canaria	Las Palmas	9.4.2007	Ian Bateman	Using Geographical Information Systems (GIS) and Virtual Reality (VR) to bring the Environment into Economic Analyses	
Economics Department Seminar Series, University of Manchester	Manchester	14.3.2007	Ian Bateman	Stated Preferences: From Construction to Discovery?	
UKWIR	London	19.3.2007	Ian Bateman	Modelling and valuing the impacts of the Water Framework Directive, People and the Rural Environment Forum	
Presentation to the Director's Office,	York	1.3.2007	Ian Bateman	Integrated Modelling and Valuation of WFD Impacts upon Rural Land Use, Farm Incomes and	

Event Title, Place	Place	Date	Presenter	Focus / Title of the presentation	Audience
RELU programme, University of East Anglia				the Water Environment	
Ecologic					
INNOVAMED Course and Workshop on new technologies of recycleing non conventional water. Institute of Agronomy and Veterinary Hassan II	Agadir	30.4.2008	Ingo Bräuer	Water Framework Directive as European water management model and Cost-Benefit Analysis: Insights from the EU Aquamoney project”	Academia and Local policy makers
2nd Workshop of the InterReg project “WaterCost” on the issue of “Cost Effectiveness Analysis in the context of groundwater and water supply”	Newcastle	23 November 2007	Benjamin Görlach	General presentation on the role of economics in the Water Framework Directive, AquaMoney project presentation	Policy
4 th HarmoniCA policy workshop on Using Economic Methods and Models for the Implementation of the Water Framework Directive	Berlin	14.6.2007	Benjamin Görlach	Using Economic Methods and Models for the Implementation of the Water Framework Directive: Status, Options and Challenges for a better intergration of water economic research into policy implementation	Academia
7 th International Conference of the European Society for Ecological Economics	Leipzig	4.6.2007	Benjamin Görlach	Policy maker demand for valuation in the decision on exemptions	Academia
International workshop “How can economics best support water policy decision making? Taking stocks of the first years of WFD implementation”	Alsace	2-4 May 2007	Benjamin Görlach	Parallel session devoted to decision makers needs for guidance on the economic elements of the WFD, including a discussion of needs, requirements and expectations from the AquaMoney project	Policy
2nd meeting of the CIS Drafting Group on Environmental Objectives and Exemptions	Brussels, DG Environme nt	18 April 2007	Benjamin Görlach	Presentation on preliminary results of the assessment of policy maker demand as well as general information about the scope, focus and approach of AquaMoney	Policy
1st Expert workshop on Cost Benefit Analysis and the Water Framework Directive	Brussels, DG Environme nt	20 November 2006	Benjamin Görlach	·AquaMoney project presentation	Policy
envecon 2007: Applied Environmental Economics Conference	London	23 March 2006	Benjamin Görlach	·”Disproportionate Costs in the EC-Water Framework Directive – The Concept and its Practical Implementation” (including brief	Academia & policy

Event Title, Place	Place	Date	Presenter	Focus / Title of the presentation	Audience
				AquaMoney project presentation and preliminary results of the assessment of policy maker demand)	
DEIAGRA					
International seminar	Bologna	25 September 2007	Roy Brouwer and Davide Viaggi	Il valore economico dell'acqua e l'implementazione della Direttiva Quadro 60/2000	Po Basin Authority, CER, Region Emilia-Romagna, local stakeholders, scientists.
Workshop: Agriculture and environment: Towards a new generation of agri-environmental policies?	Bologna	16 May 2007	Meri Raggi, Davide Ronchi, Davide Viaggi	Valutazione economica del miglioramento qualitativo della risorsa idrica: un'applicazione di benefit transfer al bacino del Po	Local stakeholders, scientists.
IHSK					
17th Annual Conference of the European Association of Environmental and Resource Economists	Amsterdam	24-27. June	Getzner	Ecosystem Service Valuation from Floodplain Restoration in the Danube River Basin: An International Choice Experiment Application	Scientists
VITO					
ISC workshop	Bergen-op-zoom, NL	17.09.2009	Inge Liekens	Valuation and environmental policy	Policy makers, performers of CBA, consultants
Internal lunch talk	Mol, Belgium	01.2009	Inge Liekens	The benefits of water quality improvements	Researchers of different disciplines.

4. Exchange with the Advisory Board

The AquaMoney Advisory Board comprises 25 high-level decision makers from different EU Member States, relevant CIS working groups, NGOs as well as the European Commission DGs Environment and RTD. Involvement of the Advisory Board in the project takes place through regular phone and email exchange and personal communication on in the margins of workshops and seminars (including those listed in the previous section). Advisory Committee members have the opportunity to comment on relevant documents produced within the project, and to advise the project team on the general direction of the work.

The Advisory Committee convened for its **first meeting** in Berlin on 28 March 2007, allowing for a pointed and in-depth discussion of the role and relevance of the project as such, the Advisory Committee's role in the project, the information flows between Advisory Committee and the project, and the effective input of the Advisory Committee to the project work.

The **second Advisory Committee** took place in Budapest on 9 April 2008, allowing for a pointed and in-depth discussion of the role and relevance of the project as such, the Advisory Committee's role in the project, the information flows between Advisory Committee and the project, and the effective input of the Advisory Committee to the project work.

Furthermore, members of the Advisory Board attended the final conference on water economics (EAERE Preconference) on 24 June 2009.

From the discussions with Advisory Committee Members, it has become clear that a number of issues around the economic elements of the WFD are as yet unresolved in the Member States. This means that continuous exchange will be necessary, as the implementation of the WFD remains an ongoing task, and will be adapted based on the experiences made in the implementation process. In this context, there appears to be a growing interest in some Member States also to think beyond the first reporting cycle of the WFD. As it becomes clear that monetary valuation may not have a major contribution to make for the first reporting cycle – essentially because of time and resource constraints – the question becomes if they can make a more substantial contribution for subsequent periods.

It has become apparent that the exchange between policy makers and the AquaMoney project works in both ways – not only does the project is shaped according to the expectations, needs and demands of policy makers, but the project also has an influence on the discussions about WFD implementation that take place in the Member States.

In this context, besides creating awareness of the project and its results, it is of equal importance to manage the expectations as to what AquaMoney can and will provide for policy makers. It is, for instance, important to point out that AquaMoney has been commissioned to provide research and guidance on the monetary valuation of environmental and resource costs and benefits in the Water Framework Directive, and will therefore not be able to give as much emphasis on non-monetary ways of measuring and weighing the benefits of different courses of action.

Apart from giving feedback on the project results and the approach followed, and thereby fine-tuning the project output to the needs of policy makers, the Advisory Committee also has a role for dissemination of project results into the policy community, one of the main constituencies for the AquaMoney project results. The Advisory Committee Members have therefore been chosen to act as multipliers in their respective countries and organisations.

5. Other formal / informal dissemination

The AquaMoney project was highlighted in relevant research newsletters, such as the DG RTD’s “Water and Soil Times” newsletter, devoted to the “Water Cycle and Soil Related Aspects” activities in the European Commission Directorate General for Research. The project was also mentioned in the Commission’s first report on the WFD implementation (Communication from the Commission to the European Parliament and the Council - Towards sustainable water management in the European Union - First stage in the implementation of the Water Framework Directive 2000/60/EC – SEC(2007) 362).

An AquaMoney poster developed by BC3 was displayed at the International Thematic Week of Water Economics and Finance, International Exhibition of Zaragoza 2008 (Spain).

Project outputs such as the Policy Briefs 1 and 2, the individual case study fact sheets in Policy Brief no.4 and two AquaMoney posters (one from BC, one from Ecologic) were sent to the 5th International Water Technologies, Renewable Energy & Environmental Control Exhibition and the 2nd International Conference (WATEC 09) in Tel Aviv, Israel on 17-19 November 2009.

Furthermore, AquaMoney is featured in issue no.17 of DG RTD’s “Environmental Technologies Research” newsletter.

VITO used the results from the Belgian Scheldt case study for a disproportionality analysis for the Flemish government.

In addition, the AquaMoney team was involved in a number of meetings with local politicians and stakeholders. The meetings are listed in the table below:

Person/Institution	Date	Topic	Characterisation (Policy Maker, Stakeholder, Scientist etc)
IVM			
Organisation of the EAERE	24 June 2009	Water Economics	policy makers and scientists

Preconference Water Economics			
Ecologic			
LAWA, state working group on water economics	15.09.2009	progress in AquaMoney	policy makers and scientists
NIVA			
Meeting with Norwegian EPA	April 2008	Discussion of Norwegian case study design	National policy makers
Meeting with Morsa Project, Moss Municipality and River Basin Authority	January 2007	Discussion of Norwegian case study design	Local policy makers
IHSK			
Laetitia Verdier, European Institute for Energy Research, Karlsruhe	2009	Email exchange and submitting paper	Scientists
Federal Ministry of Agriculture, Forestry, Environment and Water Management, Austria	2009	Presentation of the case study report and dissemination of the report in written form	policy makers
Nationalpark Donau Auen	2008	Presentation of results	Stakeholder
Mr. Georg Frank	June & September 2007	River restoration options and effects	Scientist, Donauauen National Park

VITO			
Flemish Environmental Agency	20.03.2009	Benefits of the WFD	Policy maker
Flemish Government, department environment, nature and energy	09.12.2008	Use of stated preference-methods	Policy maker
VITO	May 2008	Aquamoney: valuation and surveys	Scientists
Advisory board of study on “environmental costs of projects in harbours”	11/04/2008	Valuation methods and benefit transfer with ex. Aquamoney case	Stakeholders
LNE, Department of Environment, Nature and Energy of the Flemish Government	26/02/2008	Aquamoney	Policy Maker
VMM, Flemish Environmental Agency	12/2007	Aquamoney	Policy maker
RISSAC			
CUB+TAKI	2007. április 6.	Design of the questionnaire	Scientist – from the project team
CUB+ TAKI	7-8 June, 2007.	Design the common questionnaire with Ro, A, HU	Danube team scientists + coordinator
TAKI	2007. june 11, Tata	Detailed introduction of survey	Local planners, municipality water and environmental experts
TAKI	13-14. August, 2007, Áлтаér	Field survey and selection of municipalities for survey Discuss the 50%, 90% recovery maps with local experts	Local planners, municipality water and environmental experts
UNIBUC			
University of Bucharest		Debates with stakeholders of the Braila Islands area within the framework of Stakeholders Forum in South – East Region of Development	Providing assistance in accordance with the WFD requirements by organizing operational meetings with interested policy makers and stakeholders.
University of Bucharest		Debates with stakeholders of the Neajlov catchment area within the framework of Stakeholders Forum in South – Muntenia Region of Development	Providing assistance in accordance with the WFD requirements by organizing operational meetings with interested policy makers and stakeholders.
UCPH			
Brian Kronvang (NERI), Gitte Rubæk (Aarhus university), Goswin hekrath (Aarhus university), Hans Estrup Andersen (NERI)	07.05.2007	Presentation and discussion of use of research results from Odense river basin , Phosphorus and nitrogen loss	Scientists
Harley Bundgaard Madsen, Stig Eggert Pedersen , Susanne Thomsen, Environmental Centre Odense	25.06.2007	Presentation of overall valuation questions, discussion and visit to project area	Stakeholders
Harley Bundgaard Madsen, Stig Eggert Peersen, Susanne Thomsen, Environmental Centre Odense	13.02.2008	Presentation of valuation design and discussion of use of results	Stakeholders
DEIAGRA			
Po Basin authority	19 February 2008	Meeting for the implementation of case study analysis	Po Basin Authority and local stakeholders
Po Basin authority	15 November 2007	Meeting for the implementation of case study analysis	Po Basin Authority and local stakeholders
Po Basin authority	1 june 2007	Meeting for the implementation of case study analysis	Po Basin Authority and local stakeholders

6. Publications

One key component of the dissemination of AquaMoney project results are the publications. In line with the different audiences which the project addresses, different types of written output are produced.

The following publication have been finalised in the project:

- Bliem, M., Getzner M., Rodiga-Laßnig P.(2009), Temporal stability of individual preferences for river restoration in Austria using a choice experiment , IHSK Working Paper 02/2009.
- Bliem. M. (2009). Aquamoney. Konjunkturreport, IHS Kärnten. 9. Jg, Ausgabe 2, Juni 2009.
- Brouwer, R., Bliem, M., Flachner, Z., Getzner, M., Kerekes, S., Milton, S., Palarie, T., Szerényi, Z., Vadineanu, A. und Wagtendonk A. (2009), Ecosystem Service Valuation from Floodplain Restoration in the Danube River Basin: An International Choice Experiment Application, 17th Annual Conference of the European Association of Environmental and Resource Economists, 24-27 June 2009.
- Brouwer, R. (in press). The potential role of stated preference methods to assess whether the Water Framework Directive is disproportionately costly. *Journal of Environmental Planning and Management*.
- Brouwer, R., Martín-Ortega, J. and Berbel, J. (forthcoming). Spatial heterogeneity in choice experiments. *Land Economics*.
- Hansen, H. E. (2008): “Værdien ved implementering af vandrammedirektivet i Odense Å – et choice experiment værdisætningsstudie” (“The value of WFD implementation in the Odense river catchment – a choice experiment study). Unpublished master thesis, Copenhagen University. Project supervisor: Berit Hasler.
- Markandya, A., Mysiak, J., Palatnik, R., Breil, M. and Martín-Ortega, J. (2009). Economic and Social Impacts of Droughts and Demand Side Options – State of the art review. Xerochore EU Project, <http://www.feem-project.net/xerochore/> . [Note: the Serpis case study and its Aquamoney results are included in the report, and this is properly acknowledged in the report]
- Martín-Ortega, J., Berbel, J. and Brouwer, R. (2009). Economic assessment of non-market environmental benefits of water quality improvement: an estimation in application of the Water Framework Directive to the Guadalquivir River Basin (In Spanish). *Revista de Economía Agraria y de los Recursos Naturales*, 9 (1); 65 – 89.
- Martín-Ortega, J. (2009). Non-market environmental benefits of the Water Framework Directive: a spatial economic assessment in the Guadalquivir River Basin District. PhD dissertation at Córdoba University, PhD supervisors: Julio Berbel and Roy Brouwer. Cumlaude by Unanimity. Awarded with the National Award of the Centre of Andalusian Studies
- Raggi M., Ronchi D., Viaggi D. (2007). *Valutazione economica del miglioramento qualitativo della risorsa idrica: un'applicazione di benefit transfer al bacino del Po*. Proceedings of the workshop “Politiche agroambientali e oltre, Agriculture and environment: Towards a new generation of agri-environmental policies?”, Bologna, 16 Maggio 2007, Franco Angeli Eds.
- Windle, J., Rolfe, J. and R. Brouwer, (2009). Public values for improved water security for domestic and environmental use. Research Report No 18. Environmental Economics Research Hub Research Reports. ISSN 1835-9728. The Crawford School of Economics and Government, Australian National University. Canberra, Australia. [Note: the common valuation design developed by the AQUAMONEY “water scarcity” group is included, although AQUAMONEY is not acknowledged]

Other publications include:

- A press release on 16.07.2009 by VITO, detailing results of the Scheldt case study in all Flemish newspapers; news websites, national television on the 13’ o clock news, national radio in news (12h and 17h) and actualities program (18h).
- A publication of the key results of the water quality group: submitted in Environmental and Resource Management on 09/2009.
- An individual publication by VITO on the Scheldt case study planned for 2009, not yet submitted.

For dissemination purposes, some tailor-made material has been developed:

- “business card” for the AquaMoney project
- Policy Brief no. 1 – on AquaMoney (2006)
- Policy Brief no.2 – on Economic Valuation (2007)
- Policy Briefs 4-1 to 4-13 on the individual case studies (2009)
- AquaMoney poster by BC3 (2008): Assessment of environmental benefits of water quality. International Thematic Week of Water Economics and Finance. International Exhibition of Zaragoza (Spain)
- AquaMoney poster by Ecologic (2009): Water valuation. WATEC 2009.

7. Training courses

These events are not formal deliverables according to the description of work, but did cover issues addressed in the AquaMoney project. The following courses have been organised by AquaMoney team members.

Title	Date	Topic	Audience
IVM			
AquaMoney CE course, IVM Amsterdam	21 - 24 November 2007	Choice Modelling of Water Resources Benefits	AquaMoney partners
five day PhD course	June 2007	Environmental Economics and the EU Water Framework Directive	students
VITO			
Impact of economic valuation on policy making	11/04/2008	Environmental costs and benefits	Students Ir. University Gent
RISSAC			
Role of economic assessment in complex river basin desing	14.09.2007	Environmental management	MSc students, BUTE
IHSK			
Best practice presentation	2008	University of Klagenfurt	Students, Scientists
UCPH			
Valuation of surface- and groundwater	13.03.2008	Lecture	Master students, Faculty of life science, University of Copenhagen
Environmental Management in Europe	Autumn semester 2007	Part of E-learning course	Master students, Faculty of life science, University of Copenhagen and other universities
seminar on choice valuation	November 2006	choice valuation	IVM staff
DEIAGRA			
L'acqua in agricoltura	21 Decmber 2007	WFD and AquaMoney	Bachelor and Master Students
Economia e valutazione delle risorse agroforestali	4 and 11 December 2008	AquaMoney and Choice Experiment	Master Students
NIVA			
seminar on benefit transfer	December 2006	benefit transfer	IVM staff

