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<b>Mission reference</b>	<b>Date:</b>
2006 C4 T25	

## Mission report

### Expert Name and Function

*Marina Castnikova (economist - LEGMA), Kristina Fedorovica (economist - LEGMA),  
Geraldine Aubert (expert on local water management plans – Agence de l'Eau Artois-Picardie),  
Arnaud Courtecuisse (economist – Agence de l'eau Artois-Picardie).*

### Wording of missions: *In short, objective or content of mission*

*Learn about the methods and process used by the LEGMA and the Artois-Picardie water agency for the identification and designation of heavily modified water bodies set by the Water Framework Directive. Share experiences about the use of economic analysis regarding this final designation.*

## 1. CONTEXT

**Place, location:** *Country visited, Basin Organization concerned, other information about location*

*Latvia, Latvian Environment, Geology and Meteorology Agency, Riga, Maskavas Str. 165, LV-1019*

**Mission duration:**

4 days (Géraldine AUBERT) + 4 days (Arnaud COURTECUISSSE)

## 2. OBJECTIVES

<b>Initial objectives</b>		<b>Results</b>	<b>Results indicator</b> <i>explain with some details how far the results have been achieved if compared to initial objectives</i>
1	Exchange of information concerning HMWB	Understanding of the process of identification and designation of HMWB in both countries	Good results for this exchange which allowed us to have several presentations and discussions with experts in the field of hydro morphological alterations.
2	A view of practical examples on water management	Visit of the Kemer National Park and discussion with an expert of Park	Good achievement for this objective with the possibility of looking at an example of restored river and to hear additional comments from an expert working in the Kemer National Park in the department of Investigation

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			and Planning
<b>3</b>	Identification of the data collected for the identification of HMWB	Overview of how different kinds of data are collected and how they are used for the identification of HMWB	We had discussions about data collected and used for the identification of HMWB.
<b>4</b>	WFD and public consultation	Experience exchanges on the different approach and tools that can be used for implementing the article 14	Description of the process used on Artois-Picardie river basin. Lessons learned from the first step already achieved.

### 3. ACTIVITIES DEVELOPED during the mission

<b>Activity 1</b>	<b>Topic: Identification and designation of HMWB</b>
<b>Description</b> <i>(Exchange of experience or practice, increasing of knowledge and learning, Development of methodology, Training...)</i>	Presentations and discussions on activities that cause hydromorphological alterations, comparison of designation approaches. Overview of difficulties encountered in the process of identification and designation of HMWB : lack of background data (data related to biology even if not necessary for the identification of HMWB, accuracy of data), expert disagreements in the identification of HMWB (used criteria and methodology).
<b>Activity 2</b>	<b>Topic: Practical example of restored river</b>
<b>Description</b>	Visiting the National Kemeru Park, viewing an example of restored river and discussions with an expert working in this Park in the department of Investigation and Planning on river restoration (technical peculiarities, costs, difficulties encountered with the local actors, management of the park). This visit was also the occasion to propose a meeting between hydropower and river experts working in the implementation of water management plans in Artois Picardie and local actors in Latvia. This would allow a better understanding in the problems faced by LEGMA in the identification of HMWB.
<b>Activity 3</b>	<b>Topic: Discussions with experts</b>
<b>Description</b>	A discussion with experts involved in the identification of HMWB showed us that in Latvia disagreements in this field had led to great difficulties in decision taking in the identification of a water body as being modified or not. It appeared that this was due to a lack of biological criteria allowing the assessment of the influence of river modifications. A focus was also made on those rural areas where most of hydropower plants are present. Today those areas have a very low population density but the situation could change in the future for an intensive agriculture which would modify the water body.
<b>Activity 4</b>	<b>Topic: Public consultation</b>
<b>Description</b>	The implementation of the article 14 is quite a new task for all member states' organizations in charge of the WFD's implementation. Thus exchange on the possible approaches, the lessons learned from the first

	<p>stages of this public consultation process is very important. During this mission, the approach and tools used by Artois-Picardie River basin were presented and discussed.</p>

**4. LESSON LEARNT during the mission**

*(what could be shared with other partners and/or introduced in guidelines, as far as IWRM is concerted)*

- **About methodology:**

*.Regarding the identification of heavily modified water bodies it appears that there is a need for more information on costs for hydropower and LEGMA would very much appreciate to obtain elements (tables) like those presented for navigation.*

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- **About Practice:**

*With the help of a consultant, LEGMA has done so far a great work in the identification of HMWB and it appears that there is no need in going in more details as expressed for agriculture and particularly in the field of drainage.*

*However, some difficulties were discussed concerning expert disagreements for the statement of HMWB mainly for rivers including lakes (hard to state when the lakes start and end)*

*The feeling is that the approach should remain very pragmatic.*

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**5. DISSEMINATION (opportunities and difficulties)**

*In what measure these learnt lessons are applicable to:*

- **The basin Organization the expert belongs to:**

*The approach and tools regarding HMWB and Public consultation can be taken into account.*

- **National IWRM practice:**

*The legma is in charge of the WFD's implementation for all Latvia*

- **Regional experience:**

- **Worldwide:**

*Regarding the designation of HMWB, the environmental impact ratios of the several mean of transport (road, railroad track, navigation) could be shared (and refined) in order to constitute worldwide references for such evaluation.*

## 6. IDENTIFIED TIPS

*Identified tips which could be useful for colleagues*

## 7. PERSONAL COMMENTS

*What does the missionary think about his mission?*

*The visit of the Kemer National Park was the occasion to propose an exchange of experts working in the implementation of river water management plans.*

*This should take the place as field visits to allow a better understanding in the difficulties faced by both countries for the protection of rivers and good identification of HMWB.*

*The discussions on the article 14 (stakeholders involvement and public consultation) were very important in order to really build a strategy for the article 14's implementation and avoid mistakes such as expensing important budget for mass media with low impact.*

## 8. CONTACTS

*Principal local contacts met*

Name	Occupation	E-mail	Phone number
Janis Kuze	Head of Investigation and Planning Department of the Kemeru National Park	janis.kuze@kemeru.gov.lv	+371 7146820
Maija Grase	Independent expert, Ltd "Estonian, Latvian & Lithuanian Environment"		
Indrikis Barkans	Expert, Ltd "Estonian, Latvian & Lithuanian Environment"		

## 9. BIBLIOGRAPHY

*Main documents, manuals or supports used during the mission which could be useful for colleagues*

Name	Description / Notice
<ul style="list-style-type: none"> <li>▪ WFD</li> </ul>	UE
<ul style="list-style-type: none"> <li>▪ Guidance on HMWB</li> </ul>	Presentation done by France during the HMWB seminar in Berlin in November 2005
<ul style="list-style-type: none"> <li>▪ Project Report "Artificial and heavily modified surface water bodies in Latvia", 2007.</li> </ul>	Project done by Ltd "Estonian, Latvian & Lithuanian Environment"

Websites		
Name	Description/ Notice	Address
Ministry of the Environment in Latvia		<a href="http://www.vidm.gov.lv">http://www.vidm.gov.lv</a>
Artois Picardie Water Agency in France		<a href="http://www.eau-artois-picardie.fr">http://www.eau-artois-picardie.fr</a>
Kemeru National Park		<a href="http://www.kemeru.gov.lv">http://www.kemeru.gov.lv</a>

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*N.B. This framework provides necessary information for further capitalisation and dissemination, but should not prevent experts from making any other comments (as far as basins characterisation is concerned, for instance).*

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<b>2006 C 4 T25 M</b>

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## Financial report

<b>Expert Name: Gérardine AUBERT (GA) – Arnaud COURTECUISSÉ (AC)</b>
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Date of arrival	Date of departure	Number of days	days cost (€)	travel cost (€)	Total*
AC – 5 march 07	8 march 07	4	280	419,30	699,30
GA – 6 march 07	9 march 07	4	280	528,54	808,54

\* We use the Oanda currency converter to exchange in euro at the date on the travel invoice.

<b>Name and address of the Basin Organisation :</b>
To: Agence de l'Eau Artois-Picardie, 200 rue Marceline, BP 818, 59508 DOUAI cedex Bank's name: Bank's address: Account number: Bank Code: IBAN code **: SWIFT BIC CODE:

\*\* IBAN CODE is only for European country.

### Papers to join:

- Original justificatives : Plane Ticket and Boarding Pass**

Just keep one copy of due justificatives for yourself.

<p><b><u>Send due report to following address:</u></b></p> <p style="text-align: center;">           Techware c/o hydrocontrol            Project TWINBASIN            Strada 52 Poggio dei Pini            09012 CAPOTERRA. (CA)            ITALY            E-mail: <a href="mailto:info@techwarenet.org">info@techwarenet.org</a>            Fax: +39 070 725 478         </p>
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