

**Mission reference**

2007 C 5 T 34

**Date: 15 October 2007****Mission report MISSION 1****Expert Name and Function****TAMBOURA / DIAWARA Aïcha**

Member of the NGO "Convention pour la Promotion d'un Développement Durable"

Doctor in Sciences of information and communication

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

- To offer a framework of exchanges and experiences between an organization of a river contract in a developing country (in the South) and an organization of a river contract in a Northern country in a context
- To reinforce the twinning between the River Contract Semois and the River Contract Sourou in the mixing of the experiments.

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

Walloon Region of Belgium, Semois basin, City of Arlon

- Cell of coordination of the river contract Semois at ULG-Arlon ;
- Collectivities of the Semois basin committed in the project ;
- Walloon Ministry of Environment, Namur ;

**Mission duration:**

8 days

**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>
<b>1</b>	To acquire knowledges on the steps of methodology of the River Contract Semois	Appropriation of knowledges on the steps of methodology of the River Contract Semois	Presentations on the River contract Semois by the cell of coordination Visits few achievements of the river contract Semois Participation to concrete actions on the ground (operation clean river)
<b>2</b>	To acquire knowledges on the European water policy and the IWRM approach in the Walloon Region of Belgium	Appropriation of the water European policy and the IWRM approach in the Walloon Region of Belgium	Presentations on the water European policy and the IWRM approach in the Walloon Region

<b>3</b>	To acquire knowledges on methods of animation in relation to the River contract Semois	Appropriation of knowledges on methods of animation in relation to the River contract Semois	Meeting with the environment initiation Regional Centre (Centre d'Initiation à l'Environnement ,CRIE de la forêt d'Anlier )
<b>4</b>	To reinforce the exchanges and collaborations between the two projects	A network of collaboration starts to be put in place	Meetings with the members of the Committee of river Semois at Etalle Collaboration with certain members with whom we kept the contact with a view to future exchanges

### 3. ACTIVITES DEVELOPED during the mission

<b>Activity 1</b>	<b>Topic: (legal aspect, Regulation, Institutional, Finance, Communication...)</b>
<p><b>Description</b>  <i>(Exchange of experience or practice, increasing of knowledge and learning, Development of methodology, Training...)</i></p>	<p>Examination of the forms of integrated and participative management of water at the local level, coupled few elements of analyses of the situation in Europe            These aspect was approached in the form of a meeting with the cell of coordination of the river contract Semois during which several talks followed one another relating in particular to:</p> <ol style="list-style-type: none"> <li>1.the presentation of the RIOB in Europe;</li> <li>2.the river contract model: example of Semois and Sourou;</li> <li>3.the new methodologies of inventory for a river contract in the Walloon Region.</li> </ol> <p><b>1. The presentation of the RIOB in Europe</b>            Presented by Francis Rosillon, professor at the University of Liege, the objective of this sequence was to make known the RIOB in Europe whose objectives are to facilitate twinings between agency of water in the world in order to hang up again the step with a system of integrated management (IWRM).            Several levers led to the adoption of this IWRM approach, whose great international conferences on water, the inspiration of the States and the communities and the adoption of the step of integration.            These step led to the development of the Water Framework Directive (WFD) which defines the European policy of water</p> <p><b>2. The river contract model: example of Semois and Sourou</b>            The river contract was presented through two different examples of management: Semois and Sourou contracts.</p> <p><b>The river contract Semois</b> is a tool of assistance which facilitates the execution and the assessment of the activities.            The 2nd action plan of the river contract Semois is managed by a cell of coordination and is composed of different activities of information/sensibilisation, follow-up and advance of the projects of actions, examination of problems to individually, projects of actions following the field realities and sensibilisation.</p> <p><b>The river contract Sourou</b>            From one 3 years duration, the objectives of the contract project of Sourou river are :</p> <ul style="list-style-type: none"> <li>- To develop a mode of participative management which aims at reconciling the multiple functions and uses of water in order to tend about a sustainable development of the resources and surroundings related to the water.</li> <li>- Specifically, it consists to develop a methodology and an original strategy;</li> <li>• To develop a dynamics of sustainable development by associating all the actors.</li> </ul>

	<p>An action plan, fruit of a consensus which tried to integrate the concerns of each actor taking part in the dialogue, is implemented.</p> <p>It constitutes the base of the draft-agreement built by the introduction of a dialogue between the actors as well public as private by holding account of the various functions and uses of the course of water.</p> <p>The action plan aims at promoting concrete actions of conservation, protection and restoration of the ecosystems, which reconciles the functions and uses of water in a context of sustainable development along the Sourou river and its affluents, while reinforcing the partnership, by optimizing the operation of the coordination and by refining the procedures of follow-up and evaluation.</p> <p>The difficulties encountered for the coordination of the river contract Sourou summarize with it modesty of the financings available, the absence of permanent human resources, the geographical width of the intervention.</p> <p style="text-align: center;"><b>3. New methodology of inventory for a river contract in the Walloon Region</b></p> <p>Presented by Nicolas Neederlandt, industrial engineer in agronomy, this talk presented seven types of methodologies of inventory :</p> <ol style="list-style-type: none"> <li>1.The context relating to biology, physicochemistry (the quality of water) and the hydro morphology of the rivers;</li> <li>2.the state of the various boundaries water of a river contract make it possible to submit the situation report on the places by sub-basin and to make cards by water boundaries;</li> <li>3.the hierarchisation of the priorities allows to make the choice of the priority zones thanks to a software of the Management and Information system called ARCREADER;</li> <li>4.the meeting of work preliminary to the inventory of ground;</li> <li>5.the inventory of ground which is done by using simplified cards of ground which make it possible to know the state: obstacles, erosion, waste waters, protection of the banks, invasive plants, etc;</li> <li>6.the realization of CD Room of the results of synthesis which is worked out by Acces;</li> <li>7.meetings with the partners.</li> </ol>
--	--

<b>Activity 2</b>	<b>Topic: Meeting of exchanges</b>
<b>Description</b>	<p><b>Meeting in Etalle</b>  Visit to the Burgomaster of Etalle which was in company of a geologist, Mr Paul NAA. The objective of the meeting was to see the possibility of making a handing-over on level of the nonfunctional water points in Sourou. For that, the geologist should have data on water in order to prepare the mission which must go to Sourou.  Before that, it is necessary to make a programme of re-starting of all the works of rehabilitation of wells and borings and to put in contact the geologist and the BRGM office of Ouagadougou.</p> <p><b>Meet with the Regional Center of Initiation to the Environment (CRIE) of the forest of Anlier</b>  The Regional Center of Initiation to the Environment of the forest of Anlier was created in</p>

	<p>1998 on initiative of the Minister Guy LUTGEN. The forest of Anlier has 5000 hectares of beeches with a natural regeneration.</p> <p>The first CRIE was created in 1995 in Mariemont. There are 11 CRIE today in the Walloon Region. The objective of a CRIE consists in sensitizing the public about the protection of the environment. This public is composed of children of 3 to 18 years coming from the schools. They spend one half-day or a day in participating in pedagogical activities.</p> <p><b>Presentation of the river Contract Sourou in Libramont and Etalle</b></p> <p>The presentation of the river contract Sourou gathered 26 people. Questions were put about the reactions of the Department of the Environment about the implementation of a river contract in Burkina Faso, the process of formation of the socio-professional groups engaged in the project, the benefits of the river contract.</p> <p><b>Meeting with the Walloon Ministry of Environment (Namur)</b></p> <p>The meeting with the Regional Directorate of the Environment and the Natural resources aimed to give a progress report on the context of the exchange. These service of the administration of the Walloon Region brings its financial contribution for the river contract Sourou.</p> <p>The river contracts were created in 1989 in the Walloon Region. Today, there are 18 rivercontracts; the ¾ of the territory are covered.</p> <p><b>Meeting with the Cabinet of the Minister for the Environment and of the Natural resources</b></p> <p>This meeting had the aim of giving a progress report on the results reached by the river contract Sourou and the financial support of the Ministry.</p> <p><b>Meeting with the cell of coordination of the river contract Meuse</b></p> <p>This meeting was to make known the experiments of the cell of coordination of river contract Meuse. It ensures the role of coordination, of structuring of the local committees composed of associations.</p> <p>One of the activities of the cell consists in sensitizing the children about the protection of the river. The children choose the river that they want to know or discover. Examples of pedagogical tools were shown.</p>
--	---

<b>Activity 3</b>	<p><b>Topic:</b> Visit few achievements of the river Contract Semois and participation in concrete actions</p>
<b>Description</b>	<p><b>Visit of some achievements of the River Contract Semois :</b></p> <ul style="list-style-type: none"> <li>- the sanitation plan of the village of Herbeumont ;</li> <li>- landscape restoration in the Semois valley</li> <li>- participation to the operation "clean-river".</li> </ul>

#### 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:**

The analysis of the methodology of the two river contracts have similarities but also differences.

Similarities: Water, but more especially all the natural elements (the forest, the fauna, etc) which constitute the elements around whose are woven interests but also conflicts.

Differences :

In the implementation of a river contract, the social, economic, cultural, environmental, legal and land use dimensions occupy an important place.

The river contract in Burkina Faso is an instrument which finds its application beyond the management of the river. It is a tool which is used to manage other natural resources such as the forest, the land tenure, ... It is a powerful instrument of fight against poverty to establish the close link which exists between sustainable development and the river contract.

- **About Practice:**

The exchanges with the river contract Semois were very enriching and we could identify some lessons on the organisational level and the coordination. For its durability, the river contract must have an institutional anchorage depending on the public administration and to its decentralized services. Moreover, the project must be coordinate by a permanent personnel who constitutes the cell of coordination.

It appeared that coordination have a primary importance and requires human and financial resources. To ensure a regular and effective follow-up, it is necessary to set up a strong coordination. The commitment of the local collectivities is important to ensure the dynamic approach of a river contract.

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

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

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

The two experts having carried out the first mission are founder members of the structure of coordination of the river contract Sourou.

- **National IWRM practice:**

In the context of Burkina Faso, the river contract of the valley of Sourou is not opposed of anything legally speaking with the provisions of the texts as regards water.

Better, it is registered in the methodological plan in an approach of basin in accordance with the principles of IWRM. The river contract of the valley of Sourou constitutes an innovative experiment of concrete application of the PAGIRE which it would be advisable to capitalize with the profit of the development of the entire country.

- **Regional experience:**

The countries of the sub-region are committed to an IWRM approach. The river contract model may be used to reach, by a concrete actions programme, the aims of a participative and sustainable water management.

- **Worldwide:**

The water management is a worldwide problem and the model of river contract has an universal character.

## 6. IDENTIFIED TIPS

*Identified tips which could be useful for colleagues*

The prospects for actions identified by the N°1 mission between the two river contracts are around the following points:

- the awareness of the pupils about the protection of the river and the environment and the discoveries naturalists: good sensitizing begins as of the low-age, and makes it possible to the adults to understand the stakes related to the environment in a general way and the river in particular.
- To have curriculums of formation to train the teachers with the environment in order to introduce the modules into pilot establishments;
- the conception of teaching tools adapted to the realities of Burkina ;
- the implementation of an operation "clean river" to decrease pollution
- a study on the process of collecting and transformation of waste especially "of the plastic bags" which become a serious threat for the environment;
- To have the expertise of new methodologies of inventory of ground through a training course.

## 7. PERSONAL COMMENTS

*What does the missionary think about his mission?*

The mission proceeded around a program suggested by the coordination of the contract of river SEMOIS and approved by the mission after some amendments. It consisted of meetings of exchanges, talks debates, visits of grounds and participation in the concrete realization of action.

This very full program enabled me to discover concrete realities of a river contract in Walloon Region through its daily management. The networks of knowledge and relation around this project are of primary importance when it is a question of developing a participative approach. The good knowledge of ground by the cell of coordination is also essential.

## 8. CONTACTS

*Principal local contacts met*

<b>Name</b>	<b>Occupation</b>	<b>E-mail</b>	<b>Phone number</b>
Monsieur Paul VANDERBORGHT	Professeur honoraire de l'Université de Liège	p.vanderborght@ulg.ac.be	00 32 63 23 08 51
Mlle Mélanie TASSIN	Agronome, Eco-conseillère Animatrice, Cellule Contrat de rivière Semois	mtassin@ulg.ac.be	00 32 63 23 08 93
Nicolas NEEDERLANDT	Ingénieur Industriel cellule Contrat de rivière Semois	<a href="mailto:n.neederlandt@ulg.ac.be">n.neederlandt@ulg.ac.be</a>	00 32 63 23 09 62
Monsieur Francis ROSILLON	Microbiologiste, Eco conseiller Chef de Travaux	F.Rosillon@ulg.ac.be	00 32 63 23 08 52

Monsieur Charlier GUY	Bourgmestre de la Commune d'ETALLE	15 rue du moulin 6740 ETALLE	00 32 6345 51 74
Monsieur Paul NAA	Ingénieur Civil Géologue Ingénieur Géophysicien Lux Aquatec	paulnaa@pt.lu	Mob : +352 621 368 789 Tél. : +352 26 10 86 39
Madame Catherine MATHELIN	Bourgmestre Commune d'Herbeumont		00 32 61 21 03 30
Monsieur Jean GUILLAUME	Président du Contrat de rivière Semois		00 32 61 22 03 38
Sébastien DENDONKER	Coordonnateurs des Contrats de rivière en Région wallonne	<a href="mailto:s.dendoncker@mrw.wallonie.be">s.dendoncker@mrw.wallonie.be</a>	00 32 81 33 63 74
Bertrand NUTTENS	Cabinet du Ministre Benoît LUTGEN	bertrand.nuttens@wallonie.be	00 32 81 710 314
Hubert RAEYMAEKERS	Contrat de rivière Haute Meuse	<a href="http://www.paluche.org/nature/crhm/cr.haute-meuse@win.be">http://www.paluche.org/nature/crhm/cr.haute-meuse@win.be</a>	00 32 81 71 50 50
Pierre ARNOULD	Bourgmestre de la Commune de Libramont-Chevigny	<a href="mailto:contact@libramont.be">contact@libramont.be</a>	00 32 61 22 21 18
Dominique RENOY	Coordonnateur du Centre Régional d'Initiation à l'Environnement (CRIE)	<a href="http://www.crieanlier.be">http://www.crieanlier.be</a>	00 32 63 42 47 27
Représentants du Comité de rivière Semois			

	<b>Reporting guidelines</b>	<b>Number of pages:</b> <b>8 / 9</b>
--	-----------------------------	---

## 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>▪ Info Semois/Semoy</li> </ul>	Bulletin de liaison du Contrat de rivière transfrontalier de la Semois/Semoy
<ul style="list-style-type: none"> <li>▪ Contrat de rivière Semois/Semoy</li> <li>▪ Partie wallonne</li> </ul>	2 <sup>ème</sup> programme d'actions 2002-2005 INTERREGIII

<b>Websites</b>		
Name	Description/ Notice	Adress
Université de Liège Campus d'Arlon	Présentation de l'ULG, programmes, activités, ...	<a href="http://www.ulg.ac.be">http://www.ulg.ac.be</a>
Directive Cadre sur l' Eau en Région wallonne	Politique de l'eau en Région wallonne	<a href="http://eau.wallonie.be">http://eau.wallonie.be</a>
Contrat de Rivière Semois-Semoy	Documentation, présentation contrat de rivière Semois	<a href="http://www.semois-semoy.org">http://www.semois-semoy.org</a>
Site des contrats de rivière en Région wallonne	Présentation contrats de rivière en Région wallonne	<a href="http://environnement.wallonie.be/contrat_riviere/">http://environnement.wallonie.be/contrat_riviere/</a>

*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).*

	<b>Reporting guidelines</b>	<b>Number of pages:</b> <b>9 / 9</b>
---	-----------------------------	---

<b>Mission reference</b>
<b>2007 C 5 T 34</b>

<b>Date:</b> 17 - 24 avril 2007
---------------------------------

## Financial report

<b>Expert Name:</b> TAMBOURA / DIAWARA Aïcha
--

Date of arrival	Date of departure	Number of days	days cost (€)	travel cost (€)	Total*
17/04/2007	24/04/2007	8	560	604,2	1164,2

\* 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>
<p>To: Convention pour la Promotion d'un Développement Durable (COPROD)  Bank's name: BANK OF AFRICA- BURKINA FASO  Bank's address: 770, Avenue du Pdt Aboubakar S. LAMIZANA 01 BP 1319 Ouagadougou 01 Burkina Faso Tél. (226) 50 30 88 70 à 73 Fax : (226) 50 30 88 74 Téléx : 5543 BF  Email : boad@fasonet.bf  Account number: 01001001040410008 48 CFA UEMOA XOF  Bank Code: C 00 84  IBAN code **:  SWIFT BIC CODE: AFRIBF BF</p>

\*\* 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>Send due report to following address:</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>
--