STANDARD SUMMARY PROJECT FICHE

1. Basic Information

1.1 CRIS Number: 2006/018-176.02.02
1.2 Title: Institutional Development of the Hydromorphological Monitoring, Hungary
1.3 Sector: Environment - Water management
1.4 Location: Danube River Basin – Hungary, Ministry of Environment and Water

2. Objectives

2.1 Overall Objective(s):
Adapting the Hungarian Hydrographical Survey to the new tasks and the evaluation of special databases/data management in order to higher the living standards and improve healthier environment for citizens.

2.2 Project purpose

Establishing the institutional frame for the coordination of workflows needed for the analyses of time specific changes on river and lake beds, which are influencing run off relations, impoundment hydraulics, attached chemical processes and ecological systems; Achievement of the project objectives with the support of surveys and data processing.

2.3 Justification

- Comprehensive Monitoring Report: Chapter 22
  “Community environment policy aims to promote sustainable development and protect the environment for present and future generations, and is based on the integration of environmental protection into other Community policies, preventive action, the polluter pays principle, fighting environmental damage at source, and shared responsibility. The acquis comprises over 200 legal acts covering horizontal legislation, water and air pollution, management of waste and chemicals, biotechnology, nature protection, industrial pollution and risk management, noise, and radiation protection. Ensuring compliance with the acquis requires significant investments, but also brings significant benefits for public health and reduces costly damage to forests, buildings, landscapes and fisheries. A strong and well-equipped administration at national, regional and local level is imperative for the application and enforcement of the environment acquis.”

3. **Description**

3.1 **Background and Justification**

- The 2000/60/EC WFD requires in the Article 5 the analyses of river basin characteristics. Article 8 drafts the need and Annex V describes the task for the hydromorphological elements to be monitored on the surface waters: hydrological regime, river continuity, morphological conditions. Article 8 also set the requirements for *technical specifications and standardised methods for the analysis and monitoring of water status*.

- Hydromorphological monitoring network exists, but needs to be fit to the WFD requirements. In Hungary there is an important hydrological and morphological knowledge and experience. Data are available for more than 100 years on rivers. However, the tasks originating from the WFD requirements set new charges for the existing institutions. Methodology, data, and basis for its publication are needed.

- The EU WFD requires a new way of river and lake bed maintenance aiming sustainable water uses. This project will meet these requirements.

- The reason of failing good ecological status of the surface water bodies is the hydromorphological alteration in about 70% of the cases. The information on hydromorphology of the Hungarian surface water bodies supports ecological analyses. It contributes to better understanding of the processes taking place and to the analyses of the impact assessment and ultimately to the improvement of the water quality.

- Completing the existing long term hydromorphological databases with new data and further developing the monitoring system, including new methods and equipments is needed as ground for the implementation of RBMPs.

3.2 **Linked activities**

In the framework of the Phare programme several projects have been implemented that have some relevance to the present project.

In accordance with the broad system of water management tasks and the variety of affected specialties there are several linked programs and projects.

- **Survey on the Chemical Status of Groundwaters, Hungary 2002/000-180-04-01-02-03**

  Overall objectives of the Groundwater project were to support the execution of basic geochemical survey providing the data needed for characterization of the chemical status of the shallow groundwater bodies in Hungary and to make recommendations for the design of monitoring network according to WFD.

- **Ecological Survey of Surface Water, Hungary 2002-000-180-04-01-02-02**

  In the project ca. 400 sites of surface waters in Hungary were biologically monitored once in 2005 for all the 5 biological elements. The main aims were the following:
  a. Establishment of a detailed database of the ecological information referring to the type specific sampling network along the Hungarian surface water bodies;
  b. The description of class boundary conditions between ‘good’ and ‘moderate’ for as many individual Hungarian surface water body types as possible;
  c. The proposal of appropriate assessment methods for all water body types and biological quality elements;
d. The determination of the ecological status of a large number of important Hungarian surface water bodies (rivers, creeks, lakes);
e. The description of those water bodies that are failing to reach the "Good" ecological status;
f. The Regional Inspectorates will gain experience in ecological data collection

The EcoSurv project has important results on ecological assessment of Hungarian water bodies. There is further need on the evaluation of these biological data and the connection with hydromorphological aspects (the project only served to gain information about surface water bodies in biological aspects, without searching for relations between it and the physical backgrounds).

The 2002/000-180-04-01 project has been finished in March 2006. Monitoring surface and groundwaters: basic surveys of ecological and chemical status of surface and groundwaters have been carried out aiming to monitor chemical and ecological situation on the waters and a database has been created to store data resulting from the survey.

- **HU/IB/2002/EN/01 Phare Twinning Project (Support in the Implementation of the Water Framework Directive).** This was a bilateral aid project, involving the German Ministry for the Environment, Nature Protection and Nuclear Safety and the French Ministry of the Ecology and Sustainable Development, key objectives included:
  
  (i) Strengthening prevention, intervention and mitigation capacities in the field of accidental water pollution,
  
  (ii) Basic survey and quality assessment of surface water and groundwater bodies according to Annex V of the WFD,
  
  (iii) Strengthening institutional capacities for the implementation of the WFD.

By the implementation of the project, the typology and water body assessment required by the EU WFD for surface and groundwaters had been developed in Hungary. During the period of the Project, the institutional system has changed due to Hungarian and WFD needs, and this process was sustained with international knowledge.

- **Transition Facility project 2004/016-689-12-03-01 – Implementation of the Water Framework Directive (WFD) – Phase II**
  
  The purpose of the project is (1) to develop a method for economical analysis for the identification of the most favourable measures from cost-efficient point of view and to investigate cost recovery; (2) to test the results of the economic analysis on a pilot area; and (3) to develop public participation strategy on national, regional and local levels according to Article 14 of the WFD, including the preparation of a procurement notice for equipping Water Information Centres. Starting of the project is December 2005.

**There is no overlap** with this project in case of the new TF, because the Ecological Survey of Surface Water focused only on biological elements while hydromorphology monitoring is the surveying the physical parameters of rivers and lakes.
• Technical assistance for the Elaboration of the Zagyva-Tarna river basin management plan (ISPA 2003 HU 16 P PA 011). Project end is on 31. Mai 2006. As results the project will give the list of potential measures and concrete investments to be financed and of principles and approaches taken into account during the planning and implementation stages of investments in the water sector.

• The Átal-ér river basin management plan (2003) which is a component of the Dutch funded MAT0/HU/9/1 MATRA project: It was the first attempt in the implementation of the Water Framework Directive on a Hungarian river basin.

3.3 Results

Hydrological and morphological data will be available in a more adequate form for the public. The results of the project are as follows:

1. Centralised controlling and steering system
   1.1. Methodology for morphological survey of surface water bodies.
   1.2. Methodology of the sediment sampling methodology.

2. Measuring, analysing waters/water resources can be carried out more cost and time efficiently using the new equipment.

3. Hydromorphological data for water bodies are available.

4. Improved database and data management tools
   4.1. Data are standardized and available for the public in an adequate form.

3.4 Activities

I. component: Preparatory, underlying activities

I/1. activity: Guidelines and prescriptions for methodology, preparation of sampling standards

I/2. activity: Preparation of data recording and management tasks applying the ISO 9000:2002 system

II. component: Fulfilling of tasks, measurements, data storage and analysis

II/A. task: Activities referring to measurement and data preparation
   II/1. activity: Purchase of the measuring equipment (ADCP: discharge and velocity meter, sediment sampling equipment, computer for site measurements).

   II/2. activity: Designation of representative sampling points.

   II/3. activity: River and lake bed surveys, discharge measurement (velocity, depth, surface), sediment and water sampling (using ADCP meter).

   II/4. activity: Cross section survey of the flood bed, status survey.

II/B. task: Database development, establishment data analyses
II/1. activity: Database planning for the data taken from sampling, and evaluation of data storage, data surveillance.
II/2. activity: Preparation of numeric and graphical data assessment methods for the data taken.
II/3. activity: Preparation of central statistical, controlling and steering modules for the data.

III. component: Evaluation, publication

III/1. activity: Evaluation of the hydrological, morphological, geological measurements, preparation of methodological, procedure-extensional, status evolitional proposals, using the new databases from activity II. It will give the basis for further biological and chemical analyses.
III/2. activity: Educational, data storage activities, preparation of standardisation.
III/3. activity: Publications on intranet / internet of the data on rivers and lakes.

Specific activities divided in three components – except purchase (supply) - can be implemented within one service contract regarding the cohesive character of the tasks.


3.5. Lessons learned

The most important LL for this TF is originated from the HU/IB/2002/EN/01. It helped to elaborate the typology for surface waters. This typology of rivers is used until now for the assessment of water bodies and it will be the basis in the reaching of the TF objectives, too.

The Ecological Survey of Surface Water Phare Prave Project gave the biological point of view of the hydromorphology so the physical monitoring of surface waters will be completed with it.

4. Institutional Framework

The final beneficiary of the project is the Office of Water within the Ministry of Environment and Water.

- Project leader

Ministry for Environment and Water - Office of Water

Gyula HOLLÓ, Head of Department

Address: Fő u. 44-50. Telephone: (+361) 457-3300
H-1011 Budapest Fax: (+361) 201-4008
E-mail: hollo@mail.kvvm.hu

- Project manager:

National Water Center and Archives

Dr. László PERGER, Head of Department
A Project Steering Committee is to be established to facilitate the purposes and processes of the project with the representation of the final beneficiary, the SPO, the National Water Centre and Archives and chaired by the Project Leader. This committee will also include representatives of the NAC and the CFCU: The Steering Committee are coming together to plan for optimal use of the project’s resources, to coordinate activities where appropriate, and to plan for integrated development of the project. The meetings of the steering committee will be held in every 3 months at the premises of the final beneficiary.

5. Detailed Budget (million EUR)

<table>
<thead>
<tr>
<th>TF support</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TF support</td>
</tr>
<tr>
<td>Service contract</td>
<td>-</td>
</tr>
<tr>
<td>Supply contract</td>
<td>0.090</td>
</tr>
<tr>
<td>TOTAL</td>
<td>0.090</td>
</tr>
</tbody>
</table>

(*) contributions from National, Regional, Local, Municipal authorities, FIs, loans to public entities, funds form public enterprises
(***private funds, FIs loans to private entities

“All the amounts in the table above are indicated net of VAT and solely for the year 2006. The project is jointly co-financed by Transition Facility and Government resources. The ratio between the Transition Facility and national amount is binding and has to be applied to the final contract price.”

6. Implementation Arrangements

6.1 Implementing Agency

The Implementing Agency of the project is the CFCU. The CFCU will be the Contracting Authority and in that capacity will issue and evaluate tenders, conclude contracts and authorize the treasury to make contractually related payments. The Director of the CFCU will act as PAO of the project. His contacts are:

PAO: Mr. Gábor Rónaszéki, Director of CFCU
Address: Bajcsy-Zsilinszky u. 42-46. Telephone: (+361) 327-2800
H-1054 Budapest Fax: (+361) 266-4858
E-mail: ronaszeki.gabor@cfcu.gov.hu
The Ministry of Environment and Water will be responsible for the technical part of the project in terms of design, evaluation follow up and monitoring. The Director of the Development Directorate will act as Senior Program Officer. His contacts are

**SPO: Mr. Pál Kiss,** Director of the Development Directorate  
Ministry of Environment and Water  
Address: Márvány u. 1/c  
H-1012 Budapest  
Telephone: (+361) 224 2516  
Fax: (+361) 375 3967  
E-mail: kisspal@mail.kvvm.hu

6.2. **Twinning**  
Not applicable

6.3. **Non-standard aspects:**  
The National Public Procurement Law will be strictly followed.

6.4. **Contracts**  
Expected number of contracts: 2  
1 service contract of 380.000 €; 1 supply contract 120.000 €.

7. **Implementation Schedule**

<table>
<thead>
<tr>
<th>Component</th>
<th>Start of Tendering</th>
<th>Start of Project Activity</th>
<th>Completion</th>
</tr>
</thead>
</table>

8. **Sustainability**

All supported investment actions are sustainable in the long term. The long term requirements of the EU WFD and the Hungarian purposes support the monitoring network and so the achievements of this TF.  
The outcome of the project will be data on Hungarian river hydromorphology and its publication. The evaluated data will sustain the hydromorphological monitoring of the Water Framework Directive, and as part of an existing (and continuously developing) database is devoted to long term analyses. The publication of the data will form the part of the existing homepage of the water sector which means full sustainability.  
The owner of the equipments engaged in the frame of the project will be the Ministry of Environment and Water; the future operational and maintenance costs will be covered by the Hungarian Ministry of Environment and Water as well.

9. **Conditionality**

All the conditions are given to start the project.
ANNEXES

**Obligatory:**
Annex 1: Logical framework matrix
Annex 2: Detailed Implementation Chart
Annex 3: Cumulative Contacting and Disbursement Schedule
Annex 4: Relevant legislation

**Non-obligatory:**
Annex 5: Reference to studies
Annex 6: Budget for equipment – indicative price list
Annex 6.1 Justification for the equipment supply
Annex 7: Expert profiles
### Annex 1: Logframe Matrix

<table>
<thead>
<tr>
<th>LOGFRAME PLANNING MATRIX FOR Project</th>
<th>Project number</th>
<th>Contracting period expires</th>
<th>Disbursement period expires:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title:</strong> Institutional Development of the Hydromorphological Monitoring on the Surface Waters, Hungary</td>
<td>Contracting period expires</td>
<td>November 2008</td>
<td>Disbursement period expires:</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>November 2009</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total budget (NET, MEUR) :</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0,500 MEUR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TF contribution (MEUR):</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>0,375 MEUR</td>
</tr>
</tbody>
</table>

#### Overall objective

<table>
<thead>
<tr>
<th>Objective verifiable indicators</th>
<th>Sources of Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adapting the Hungarian Hydrographical Survey to the new tasks and the evaluation of special databases/data management in order to higher the living standards and improve healthier environment for citizens.</td>
<td>Summary report from the relevant tasks.</td>
</tr>
</tbody>
</table>

#### Project purpose

<table>
<thead>
<tr>
<th>Objective verifiable indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishing of the institutional frame for the coordination of workflows needed to the analyses of time specific changes on river and lake beds, which are influencing run off relations, impoundment hydraulics, attached chemical processes and ecological systems. Achieving of the project purpose will helped by surveys and data processing.</td>
<td>- Interim Evaluation report.</td>
<td>Conditions of finance, technical and human resource environment are provided.</td>
</tr>
</tbody>
</table>

#### Results

<table>
<thead>
<tr>
<th>Objective verifiable indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Centralised controlling and steering system</td>
<td>- New measuring and survey standards. increase 50% (at the end of February 2007) - Modernised measuring equipment. increase 20% (at the end of February 2007) - Information on missing hydromorphological conditions of rivers and lakes in database. increase 80% (at the end of May) - Functioning internet/intranet sites, helping information supply about WFD activities. (at the end of June 2007)</td>
<td>- System documentation and list of services.</td>
</tr>
</tbody>
</table>

#### Activities

<table>
<thead>
<tr>
<th>Means</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Preparation of data recording and management tasks acting by the ISO 9000:2002 system (Comp 1)</td>
<td>- 1 Service contract - 1 Supply contract</td>
</tr>
<tr>
<td>1.1 Preparation of methodological, procedure-extensional, status evolvemental proposals (Comp 1)</td>
<td></td>
</tr>
<tr>
<td>2. Purchase of equipment (Comp 2)</td>
<td></td>
</tr>
<tr>
<td>3. Hydromorphological survey (Comp 2)</td>
<td></td>
</tr>
<tr>
<td>4. Data storage/assessment, database building (Comp 2; Comp 3)</td>
<td></td>
</tr>
<tr>
<td>4.1 Publication on internet/intranet (Comp 3)</td>
<td></td>
</tr>
</tbody>
</table>

**Preconditions**

- Necessary co-financing and project management are insured.
- WFD is in force, Report 2005 exists.
## Detailed Implementation Chart

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th></th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>J</td>
<td>F</td>
<td>M</td>
</tr>
<tr>
<td>Service</td>
<td></td>
<td>D</td>
<td>D</td>
</tr>
<tr>
<td>Supply</td>
<td></td>
<td>D</td>
<td>D</td>
</tr>
<tr>
<td>D: Design (15% grey)</td>
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<tr>
<td>T: Tendering and contracting (25% grey)</td>
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<tr>
<td>I: Implementation (50% grey)</td>
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Annex 3: Cumulative Contracting and Disbursement Schedule

Cumulative Contracting and Disbursement Schedule for TF 2006 *
(million EUR)

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
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<th>2007</th>
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<tbody>
<tr>
<td></td>
<td>I</td>
<td>II</td>
<td>III</td>
<td>IV</td>
<td>I</td>
<td>II</td>
<td>III</td>
<td>IV</td>
</tr>
<tr>
<td><strong>Contracting</strong></td>
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<tr>
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<tr>
<td><strong>Disbursement</strong></td>
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<tr>
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<td>0,257</td>
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<td>0,081</td>
<td>0,090</td>
<td>0,090</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Only TF Funds
Annex 4: Relevant legislation

LIST OF THE RELEVANT HUNGARIAN LAWS AND REGULATIONS

Long-term goal of National Development Plan (NDP) is to improve the quality of life. This cannot be realised without implementing measures regarding sustainability and environmental protection. NDP’s Priority goal is the integrated improvement of infrastructure and environment.


Full transposition and implementation upon accession (CONF- H 39/99, 52/01)

EC Directive 2000/60/EC of 23 October 2000 establishing a framework for Community action in the field of water policy,

National Environmental Program II.

National Development Plan
Act LIII. of 1995 on the Protection of Environment
Act LVII. of 1995 on Water management
Act CXX. of 2003. Amendment of distinct environmental acts
Governmental Decree 2094/2001. (25.IV.) On the beginning of implementation of WFD in Hungary
Governmental Decree 1189/2002. (07.XI.) On the Hungarian Strategic Plan of Implementation of WFD

Government Decree No. 220/2004. (VII. 21.) on the Regulations of the Protection of the Quality of Surface Waters


MoEW Decree No. 31/2004. (XII.30.) on Certain Regulations on the Monitoring and Status-assessment of Surface Waters
Annex 5  Reference to Studies


University of Debrecen, Faculty of Natural Sciences, Department of Hydrobiology, Final Report, Debrecen, 2003.

3. Determination of Ecological Criteria Limiting Groundwater Abstractions


VITUKI Environment Protection and Water Management Research Institute Public Company

VITUKI Environment Protection and Water Management Research Institute Public Company

7. Tasks Related to the Qualification and Characterisation of Surface Waters in Connection with the Implementation of the 2000/60/EC WFD, the Assessment of Quality Status of Surface Water Bodies


9. PHARE Twinning Project on the implementation of the WFD in Hungary
Annex 6

BUDGET FOR THE EQUIPMENT – INDICATIVE PRICE LIST

Equipment (VAT not included)

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit price in EUR</th>
<th>Quantity</th>
<th>Total price in EUR (with co-financing)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable cross-section measuring, discharge measuring equipment (ADCP)</td>
<td>32.500</td>
<td>3</td>
<td>97.500</td>
</tr>
<tr>
<td>Portable inductive velocity measuring instrument</td>
<td>7.700</td>
<td>2</td>
<td>15.400</td>
</tr>
<tr>
<td>Suspended sediment sampler</td>
<td>1.500</td>
<td>2</td>
<td>3.000</td>
</tr>
<tr>
<td>Portable computer for the terrain</td>
<td>1.025</td>
<td>4</td>
<td>4.100</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td></td>
<td><strong>120.000</strong></td>
</tr>
</tbody>
</table>
Annex 6.1

JUSTIFICATION FOR THE EQUIPMENT SUPPLY

The usage of ADCP meter (Acoustic Doppler Current Profiler) has been promoted by the study of the Water Resources Research Centre Plc. (VITUKI Rt.). This study (under the registration number 713/1/5916/2) underpins the benefits of the ADCP, regarding cost and time efficiency and accuracy. The study stands for its spread in the country.

Portable indicative velocity measurer instrument is needed to measure the typical lowland creeks in Hungary.

Suspended sediment sampler will fill a lack. Modern samplers do not exist in Hungary, while their data is needed for WFD purposes.

The computer for terrain helps to store the data on terrain and is fully matched to the other instruments.

Data of this quick TF survey can just be acquired with help of this instrument.

All of the aforementioned investments and the data acquit with their help serve to remove the institutional and data gaps. Hydrometrical and institutional deficiencies are concluded in the study about this topic prepared at 31/11/2004. (Study title: Automation of the hydrometric monitoring network and their adaptation to the EU WFD purposes.)
## Annex 7.

### Expert profiles

<table>
<thead>
<tr>
<th>Expert</th>
<th>Qualification and skills</th>
<th>Professional experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Expert on hydrometry</td>
<td>University degree and/or professional qualification.</td>
<td>10 years of professional experience in the field of hydrometry, knowledge of hydrological software and database.</td>
</tr>
<tr>
<td>2. Expert on hydrology</td>
<td>University degree in civil engineering (water engineer).</td>
<td>15 years of professional experience in the quantitative examination of surface water.</td>
</tr>
<tr>
<td>3. Expert on water quality</td>
<td>Degree in engineering (specialised) in the professional subject area, experience in quality protection of surface water, in water quality control and in elaborating water quality plans.</td>
<td>10 years of professional experience, as a minimum, in testing the quality of surface water, and in the evaluation of test results. References concerning professional knowledge of the water quality protection aspects of river basin development plans and of environmental impact assessment studies.</td>
</tr>
<tr>
<td>4. Expert in measuring technology</td>
<td>Degree in engineering (relevant to the professional subject area).</td>
<td>10 years of professional experience, as a minimum, in the field of hydrometry, experience of instrument’s calibration.</td>
</tr>
<tr>
<td>6. Project manager</td>
<td>Degree in engineering and/or professional qualification.</td>
<td>15 years of experience, as a minimum, in hydrometry.</td>
</tr>
<tr>
<td>7. Economic planner</td>
<td>Degree in economic/finances, statistical analysis of demands, forecast of incomes.</td>
<td>15 years of professional experience, as a minimum, in the field of financial and economic analyses.</td>
</tr>
<tr>
<td>8. Expert in discharge measuring</td>
<td>Secondary school qualification (relevant to professional area).</td>
<td>5 years of experience of measuring of surface water.</td>
</tr>
<tr>
<td>10. Surveyor</td>
<td>Degree in the professional subject area.</td>
<td>10 years of experience of water engineering, experience of surveying of rivers.</td>
</tr>
<tr>
<td>11. Assistant surveyor</td>
<td></td>
<td>Experience of surveying of rivers.</td>
</tr>
<tr>
<td>12. Systemanalyst, Programdeveloper</td>
<td>Degree in the professional subject area.</td>
<td>Experience of program developing in the field of hydrological database and software.</td>
</tr>
<tr>
<td>13. Geologist</td>
<td>University degree, experience of river basin’s exploration.</td>
<td>10 years of experience of surface water.</td>
</tr>
<tr>
<td>14. Expert in standardization</td>
<td>Degree in technical sciences.</td>
<td>5 years of experience of water standards.</td>
</tr>
<tr>
<td>15. Consultation expert</td>
<td>University qualification, knowledge of communication strategies and their impact on local sociology to be able to elaborate information strategy and to evaluate feedback.</td>
<td>Minimum 5 years PR experience gained in the field of water investments.</td>
</tr>
</tbody>
</table>