STANDARD SUMMARY PROJECT FICHE

1. BASIC INFORMATION

1.1 Project Number: SI0201.10
Twinning Number: SI02/IB/EN/02/TL

1.2 Title: Introduction and Assistance in Using the Software for the Evaluation of Water Quality

1.3 Sector: ENVIRONMENT

1.4 Location: SLOVENIA

2. OBJECTIVES

2.1 Overall Objective(s):

To assist in the strengthening of the Slovene administration's capacity in water quality monitoring system, helping in the process of preparation of the water basin management plans and to comply with EU water pollution prevention legislation in the water sector.

2.2 Project purpose:

To set up the Slovenian Water Quality Database for Environmental Agency of the Republic of Slovenia and to fulfill requirements of EU acquis in the field of Water quality, taking into account the Program Objectives.

- **Water Framework Directive** (2000/60/EC),

- **EU Directives** related to water quality (Drinking Water (98/83/EC); Surface Water for the Abstraction of Drinking Water (75/440/EEC, proposal COM (88) 752 final); Bathing Water (76/160/EEC, proposal COM (88) 752 final); Ground Water (80/68/EEC); Dangerous Substances to the Aquatic Environment (76/464/EEC); Habitats Directive (92/43/EEC),


River quality assessment tool will be based on the three components proposed in Water Framework Directive: chemical, physical and biological, and will serve as tool for presenting analytical sample results. It will also allow communication with decision-makers and the public, centered on quality classes according to indicators and on suitability classes for use and functions as well as the assessment of expected water quality changes because of growing impacts or restoration measures.

2.3 Accession Partnership and NPAA priority

(version of May 2001)
AP:
· Complete transposition of the acquis in particular as regards air quality, water quality (by adopting a new water law and the implementing legislation), nature protection, industrial pollution and risk management, genetically modified organisms and radiation protection and ensure its implementation.
· Continue strengthening administrative capacity, especially at the local level and of institutions responsible for implementation and enforcement of the chemicals legislation.
· Continue integration of environmental protection requirements into implementation of all other sectoral policies with a view to promoting sustainable development.

NPAA:

3.6.1. Environment

b/Short-term priorities:
Continuation of the transposition of the framework legislation; conclusion of detailed harmonization programs and implementation strategies relating to individual acts. The planning and commencement of the implementation of these programs and strategies.

c/Medium-term priorities
Development of supervisory bodies and the potential supervision and implementation, permanent planning and implementation of the adjustment programs, which are related to individual legal acts.

d)Strengthen administrative capacity at all levels

• The Chapter Improving the State of the Aquatic Environment is the priority area of National Environmental Action Program (NEAP) also.

3. DESCRIPTION

3.1 Background and justification:

In March 1998 the Government of the Republic Slovenia adopted the Environmental Accession Strategy, which establishes the basis for activities in the environmental area for accessing to the European Union (EU). At the end of 1998, the Government adopted the National Environmental Action Program (NEAP), where the strategy for the protection and sustainable use of the environment is defined. The NEAP is based on the aims of the Environmental Protection Act, the Environmental Accession Strategy, Agenda 21 and the 6th Environmental Action Program of the EU. At present, the development of all the legal instruments necessary for the full implementation of the relevant regulation in this sector appear to be one of the two major tasks. The second is the increased attention that ought to be given to enforcement.

In the water sector, the recommendations and technical requirements of the EU water quality Directives and international conventions (Convention for the protection of the Mediterranean Sea against pollution, Convention on the Protection and Use of Transboundary Watercourses and International Lakes, Convention on Cooperation for
the Protection and Sustainable Use of the Danube River Basin) have to be fulfilled. Special emphasis is intended to the implementation of the Water Framework Directive, with all required activities related to the establishment and implementation of River Basin Management Plans.

Water management in Slovenia, and consequently establishing regional plans on all water aspects is responsibility of The Ministry of Environment and Spatial Planning (MESP). The most important tasks of water management in Slovenia are to insure safe water supply, good water quality in rivers and groundwater’s, and water treatment facilities throughout the country. According to the Environmental Protection Act (EPA) from 1993, Environmental Agency of the Republic of Slovenia (EA) is responsible for conducting environmental monitoring. In order to provide necessary control and penalties to ensure that requirements prescribed by the Community's environmental legislation are being fully complied with, Inspectorate for Environment and Spatial Planning (IESP) has been established.

Proposed project is aimed for training water quality monitoring experts and to adapt a modern and common working tool (software), to Slovenian conditions and legislation, for assessing the quality of watercourses. Working tool (software) should be consistent with existing EU Directives and also with the Water Framework Directive. The transposition and adaptation of the Member state SEQ would help Slovenia to fulfill the recommendations and requirements of the relevant regulation in water sector.

3.2 Linked activities:

- PHARE Project No SL 9907.01/I.02.1 Environmental Licensing Monitoring and Enforcement – Phase Two for the supply of equipment for upgrading water quality network in Slovenia. The supply and installation includes two Lots:

  1. Water Quality Monitoring network, equipment will be supplied according to the contract No SL-9907.01.01.0006 at the end of April 2002. Different on-line equipment for continuous water quality monitoring is proposed in this project.

  2. Analytical Laboratory Equipment; it will be supplied according to the contract No SL-9907.01.01.0007 at the end of November 2001. Modern analytical instruments for the determination of the organic and inorganic micro pollutants were proposed in this project.

All equipment will be used for Water quality monitoring.

- TWINNING PROJECT SL 98/IB/EN/01 The project was aimed for institution building needs of the Ministry of the Environment and Spatial planning. The new project will address areas of high priority interest for the Ministry which were not covered during the Twinning project SL 98/IB/EN/01.

3.3 Results:

3.3.1. General Result:

The project will help to implement the EU water Directives on national level with the intention to achieve all the objectives on protection and economical use of water resources
refer to the requirements of EU. Special emphasis will be focused on the implementation of the Water Framework Directive.

3.3.2. Results of the twinning light:

- Creation of the database on impact and discharges as well as establishment of the water quality objectives,
- Establishment of the inventory of qualitative and quantitative data and their interpretation,
- Increased capacity of Slovenian experts to assess the impacts,
- The confrontation of water intakes and waste water discharges (with possibly of integration of the neighboring small sources of pollution).

3.4. Activities

3.4.1 Kamniška Bistrica River Basin:

- Preparation of required database (import of the data in prescribed format),
- Preparation of the database on impact and discharges as well as proposed water quality objectives,
- Using the inventory of qualitative and quantitative data and their interpretation,
- The qualification of the pollution sources

3.4.2 Water SEQ

- Changing the Water SEQ (English version) with regard to Slovenian legislation/rules,
- Training of Slovenian staff, performing the water quality assessment (in accordance with existing EU Directives and Water Framework Directive),

3.4.3. Biological SEQ

- Providing the Biological SEQ (English version)
- Training of Slovenian staff, performing the biological water quality assessment.

3.4.4. Physical SEQ

To establish the cooperation in the quality of physical environment assessment procedure between Member State and Slovenian experts.

3.5 Lessons learned

- Phare Project No. SL 9907.01/I.02.1 Environmental Licensing Monitoring and Enforcement – Phase Two for the supply of equipment for upgrading water quality network in Slovenia. Supply of equipment was designed to strengthen the institutional capacity within the pollution monitoring, licensing and enforcement systems as a tool to prepare for Accession. The OMAS report and Monitoring Report No M/SI/ENV/01002 gave a positive overview on results of the project.

- Twinning project SL 98/IB/EN/01: Regarding the OMAS report and Monitoring Report No M/SI/ENV/01002 most of the expected results agreed upon in the covenant were achieved within the duration of the project. The minor deficiencies in expected outputs were due to (a) an over-ambitious work-program because of a lack of experience with twinning as a totally new instrument for cooperation, (b) the limited staff resources within
the Slovenian administration and (c) insufficient political commitment in an election year. The new Twinning Light procedure offers more flexibility and more precise targeting of activities and expecting results. The MESP engaged additional administrative staff and the three sub-components of Twinning SL 98/IB/EN/01 have been in new Twinning separated into three projects. Because of all that reasons similar problems should not occur anymore.

4. INSTITUTIONAL FRAMEWORK

Newly established Environmental Agency of the Republic of Slovenia (EARS) is acting as implementing authority for water quality monitoring. EARS is functioning as the body within the Ministry of Environment and Spatial Planning. The competence of the EARS and the Ministry of Environment and Spatial Planning are defined in Act Amending the Organization and Competence of Ministries Act (O.J.:RS 30/01).

5. DETAILED BUDGET

<table>
<thead>
<tr>
<th>Phare Investment Support</th>
<th>Support Institution Building</th>
<th>Total Phare (=I+IB)</th>
<th>National Cofinancing 1</th>
<th>IFI*</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.15</td>
<td>0.15 (85 %)</td>
<td>0.0225 (0.15 %)</td>
<td>0.1725 (100%)</td>
</tr>
</tbody>
</table>

The project will be implemented as a twinning light for 06 months.

6. IMPLEMENTATION ARRANGEMENTS

6.1 The Implementing Agency
CFCU, Ministry of Finance
Beethovnova 11
1000 Ljubljana.
Responsible person: Mr. Peter Škofic, PAO.
Tel.: +386 1 478 6203, fax.: +386 1 478 6204
E-mail: peter.skofic@mf-rs.si

6.2 The Implementing Authority
Ministry of the Environment and Spatial Planning of the Republic of Slovenia (MESP)
Dunajska 48
1000 Ljubljana
Slovenia
Responsible person: Mr. Marko Slokar, State secretary, European Affairs and International Co-operation Department
Tel.: +386 1 478 7452, fax.: +386 1 478 7419
E-mail: marko.slokar@gov.si

1 In cases of co-financing only
6.3. BENEFICIARY IS EARS-Environmental Agency of the Republic of Slovenia:

6.3.1. The Deputy Project Manager will be:
Ms. Martina Zupan, MESP-Counsellor to the Government
Environmental Agency of the Republic of Slovenia
Vojkova 1/b, 1000 Ljubljana
Tel.: +386 1 478 4102, fax.: +386 1 478 40 52
E-mail: martina.zupan@gov.si

6.4. TWINNING LIGHT
The project is designed to be implemented as a Twinning light package, consisting of short-term experts, study tours and specialist training.

6.5. NON-STANDARD ASPECTS
PRAG manual will be strictly applied and followed, no other non-standard aspect is foreseen.

6.6. CONTRACTS
MESP will be the Contracting Authority for this project. There will be one contract (Twinning Light Covenant) with a selected Member State.

Tendering and contracting shall be carried out in co-operation with CFCU in the Ministry of Finance. The contact person is Mr. Peter Škofic, Head of CCU, tel.: ++386 1 478 6305, fax.: ++386 1 478 6204, e-mail: peter.skofic@mf-rs.si. The tendering and contracting of the projects components shall follow standard PRAG procedures where applicable, including the Twinning manual. Financial management is responsibility of CFCU, implementation and monitoring by MESP and EARS. The responsibilities are divided between MESP and EARS as is stated at point 4.

7. IMPLEMENTATION SCHEDULE

7.1 Start of tendering/call for proposals
Third quarter 2002

7.2 Start of project activity
Last quarter 2002

7.3 Project Completion
1st quarter 2003
8. **EQUAL OPPORTUNITY**
Participation will be open to both: female and male personnel. Records of staff participating in training and other project activities will reflect this statement.

9. **ENVIRONMENT** Not applicable

10. **RATES OF RETURN** Not applicable

11. **INVESTMENT CRITERIA** Not applicable

12. **CONDITIONALITY AND SEQUENCING**
All elements for project implementation are already in place. Twining arrangement completed and finalised with main partners prior to project commencement.
ANNEXES TO PROJECT FICHE

1. Logical framework matrix in standard format (compulsory)
2. Detailed implementation chart (compulsory)
3. Contracting and disbursement schedule by quarter for full duration of program (including disbursement period) (compulsory)
4. Reference to feasibility /pre-feasibility studies. For all investment projects, the executive summary of the economic and financial appraisals, and the environmental impact assessment should be attached (compulsory) Not included
5. List of relevant Laws and Regulations (optional)
6. Reference to relevant Government Strategic plans and studies (may include Institution Development Plan, Business plans, Sector studies, etc) (optional)
7. Terms of Reference
## Twinning log frame

### LOGFRAME PLANNING MATRIX FOR PROJECT

<table>
<thead>
<tr>
<th>Overall objective</th>
<th>Objectively verifiable indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The global objectives of this project are to assist in the strengthening of the Slovene administration's capacity in water quality monitoring system and to comply with EU water pollution prevention legislation in the water sector.</td>
<td>- Implementation of EU environmental sector Directives on water sector</td>
<td>- Acceptance of reports by MESP&amp; twinning partners</td>
<td>- Mutual cooperation between twinning partners</td>
</tr>
<tr>
<td><strong>Project purpose</strong></td>
<td><strong>Objectively verifiable indicators</strong></td>
<td><strong>Sources of Verification</strong></td>
<td><strong>Assumptions</strong></td>
</tr>
<tr>
<td>To set up the Slovenian Water Quality Database for Environmental Agency of the Republic of Slovenia and to fulfill requirements of EU acquis in the field of Water quality, taking into account the Program Objectives.</td>
<td>- Qualified staff of EARS for implementation of EU environmental Directives in water sector</td>
<td>- Acceptance of reports by MESP and twinning partners</td>
<td>- To elaborate software and to adopt it to Slovenian needs</td>
</tr>
<tr>
<td><strong>EU Directives related to water quality</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Drinking Water (98/83/EC); Surface Water for the Abstraction of Drinking Water (75/440/EEC, proposal COM (88) 752 final); Bathing Water (76/160/EEC, proposal COM (88) 752 final); Ground Water (80/68/EEC); Dangerous Substances to the Aquatic Environment (76/464/EEC); Habitats Directive (92/43/EEC); Ground Water (80/68/EEC);)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Results
- Establishment of the database on impact and discharges as well as establishment of the water quality objectives,
- Establishment of the inventory of qualitative and quantitative data and their interpretation,
- Slovenian experts’ capacity to assess the impacts,
- The confrontation discharges/quality, intakes/quantity and discharges/flows (with possibly an integration of the neighboring small sources of pollution).

### Objectively verifiable indicators
- Operational water quality database
- Implementation of monitoring mechanisms with definition of chemical and biological status
- Capacity building
- Simulation of measures on waters

### Sources of Verification
- Reports
- Training program & workshop manuals
- Positive feedback from twinning, training and workshop
- Qualified staff of EARS for assessing water quality data
- Completed forecast of measures on waters

### Assumptions
- Twinning project targets achieved

### Activities
- Preparation of the database in Kamniška Bistrca River Basin
- Data treatment and interpretation
- The qualification of pollution sources and all measures
- Training on water quality assessment in using software for the Evaluation of Water Courses (SEQ)
- Training on biological water quality assessment in using (SEQ)
- Workshop on quality physical environment assessment in using (SEQ)

### Means
- Short term experts,
- Training.

### Assumptions
- Good knowledge of water assessment software

### Preconditions
- All elements for project implementation are already in place. Twinning arrangement completed and finalized with main partners prior to project commencement.
Annex 2: Implementation time chart

<table>
<thead>
<tr>
<th>2001</th>
<th>2002</th>
<th>2003</th>
</tr>
</thead>
<tbody>
<tr>
<td>JFMAMJJASOND</td>
<td>JFMAMJJASOND</td>
<td>JFMAMJJASOND</td>
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<tr>
<td>x</td>
<td>x</td>
<td>x x x</td>
</tr>
</tbody>
</table>
## Annex 3: Contracting schedule (sheet 1)

### Name and Number of program

*Introduction and Assistance in using the software for the Evaluation of Water Quality*  
SI0201.10

<table>
<thead>
<tr>
<th>CUMULATIVE CONTRACTING SCHEDULE (EUR million)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year</strong></td>
</tr>
<tr>
<td>1/4</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
</tr>
</tbody>
</table>

NB: all contracting should normally be completed within 6-12 months and must be completed within 24 months of signature of FM
Annex 3: Disbursement schedule (sheet 2)

**Name and Number of program**
*Introduction and Assistance in using the software for the Evaluation of Water Quality SI0201.10*

**CUMULATIVE DISBURSEMENT SCHEDULE** (EUR million)

<table>
<thead>
<tr>
<th>Year</th>
<th>2002</th>
<th>2003</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/4</td>
<td>2/4</td>
<td>3/4</td>
</tr>
<tr>
<td>TOTAL</td>
<td>0.03</td>
<td>0.09</td>
<td>0.15</td>
</tr>
</tbody>
</table>

NB all disbursements must be completed within 36 months of signature of the FM.
Annex 3: Contracting and disbursement schedule (sheet 3)

<table>
<thead>
<tr>
<th>Name and Number of program</th>
<th>Introduction and Assistance in using the software for the Evaluation of Water Quality</th>
<th>SI0201.10</th>
</tr>
</thead>
</table>

CUMULATIVE CONTRACTING and DISBURSEMENT SCHEDULE (EUR million)

<table>
<thead>
<tr>
<th>Year</th>
<th>2002</th>
<th>2003</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contracted</td>
<td>0.15</td>
<td></td>
</tr>
<tr>
<td>Disbursed</td>
<td></td>
<td>0.03</td>
</tr>
</tbody>
</table>

NB: 1. All contracting should normally be completed within 6-12 months and must be completed within 24 months of signature of FM
2. All disbursements must be completed within 36 months of signature of the FM
Annex 5: List of Relevant Laws and Regulations

2. EU Directives related to water quality (Drinking Water (98/83/EC); Surface Water for the Abstraction of Drinking Water (75/440/EEC, proposal COM (88) 752 final); Bathing Water (76/160/EEC, proposal COM (88) 752 final); Ground Water (80/68/EEC); Dangerous Substances to the Aquatic Environment (76/464/EEC); Habitats Directive (92/43/EEC).
ANNEX 7

TERMS OF REFERENCE – TWINNING LIGHT

Programme Title: Introduction and Assistance in using the software for the Evaluation of Water Quality
Project Number: SI0201.10
Twinning Number: SI02/IB/EN/02/TL

1. BACKGROUND

1.1. Relevant Country Background:

Republic of Slovenia is undergoing a process of institutional, political and legislative reform in order to strengthen the work on European integration. In March 1998 the Government of the Republic Slovenia adopted the Environmental Accession Strategy, which establishes the basis for activities in the environmental area for accessing to the European Union (EU). At the end of 1998, the Government adopted the National Environmental Action Program (NEAP), where the strategy for the protection and sustainable use of the environment is defined. The NEAP is based on the aims of the Environmental Protection Act, the Environmental Accession Strategy, Agenda 21 and the 6th Environmental Action Program of the EU. At present, the development of all the legal instruments necessary for the full implementation of the relevant regulation in this sector appear to be one of the two major tasks. The second is the increased attention that ought to be given to enforcement of water quality legislation.

1.2. Current State of Affairs Sector

Slovenia is a country with rather complex terrain and has four very different types of landscape within a small area. In the north-westerly part mountains, in south-westerly and southern part Karst and in the eastern part hilly and plain landscape. The types of the river aquatic systems are different as well, from the steep mountain streams to slow flowing in flat land areas. Most of the population live in the valleys along the rivers. There are also the areas with the biggest emissions into the water. In most valleys with groundwater the agriculture is very extensive and also causes the pollution of groundwater. Water supply for about a half of inhabitants is using groundwater and for the other half Karstic springs. In such circumstances the water quality monitoring programs should be various and the number of sampling points relatively high.

In the water sector, the recommendations and technical requirements of the EU water quality Directives and international conventions (Convention for the protection of the Mediterranean Sea against pollution, Convention on the Protection and Use of Transboundary Watercourses and International Lakes, Convention on Cooperation for the Protection and Sustainable Use of the Danube River Basin) have to be fulfilled. Special emphasis is intended to the implementation of the Water Framework Directive, with all required activities related to the establishment and implementation of River Basin Management Plans.
Water management in Slovenia, and consequently establishing regional plans on all water aspects is responsibility of The Ministry of Environment and Spatial Planning (MESP). The most important tasks of water management in Slovenia are to insure safe water supply, good water quality in rivers and groundwater’s, and water treatment facilities throughout the country. According to the Environmental Protection Act (EPA) from 1993, Environmental Agency of the Republic of Slovenia (EA) is responsible for conducting environmental monitoring. In order to provide necessary control and penalties to ensure that requirements prescribed by the Community's environmental legislation are being fully complied with, Inspectorate for Environment and Spatial Planning (IESP) has been established.

The project will try to train water quality monitoring experts and to adapt a modern and common working tool (software), to Slovenian conditions and legislation, for assessing the quality of watercourses. It should be consistent with existing EU Directives and also with the Water Framework Directive, help the transposition and adaptation of the Member state SEQ would help Slovenia to fulfill the recommendations and requirements of the relevant regulation in water sector.

1.3. Related Projects

- PHARE Project No SL 9907.01/I.02.1 Environmental Licensing Monitoring and Enforcement – Phase Two for the supply of equipment for upgrading water quality network in Slovenia. The supply and installation includes two Lots:
  1. Water Quality Monitoring network, equipment will be supplied according to the contract No SL-9907.01.01.0006 at the end of April 2002. Different on-line equipment for continuous water quality monitoring is proposed in this project.
  2. Analytical Laboratory Equipment; it will be supplied according to the contract No SL-9907.01.01.0007 at the end of November 2001. Modern analytical instruments for the determination of the organic and inorganic micro pollutants were proposed in this project.

- TWINNING PROJECT SL 98/IB/EN/01 The project was aimed for institution building needs of the Ministry of the Environment and Spatial planning. The new project will address areas of high priority interest for the Ministry which were not covered during the Twinning project SL 98/IB/EN/01.

2. DESCRIPTION OF THE ASSIGNMENT

The beneficiary is: ENVIRONMENTAL AGENCY OF THE REPUBLIC OF SLOVENIA

The Deputy Project Manager is:
Ms. Martina Zupan- Counsellor to the Government
Vojkova 1/b, 1000 Ljubljana
Tel.: +386 1 478 4102, fax: +386 1 478 40 52
E-mail: martina.zupan@gov.si

The Implementing Agency:
Global and specific objectives
This twinning light project for a total value of 150,000 EUR has the following general and specific objectives:

General Objective
The global objectives of this project are to assist in the strengthening of the Slovene administration's capacity in water quality monitoring system, helping in the process of preparation of the water basin management plans and to comply with EU water pollution prevention legislation in the water sector and assessment of waters.

Specific Objective of the Project
The specific objective of the project is to provide technical assistance and training to the staff of Environmental Agency of Republic of Slovenia to set up the Slovenian Water Quality Database for Environmental Agency of the Republic of Slovenia and to implement: Water Framework Directive (2000/60/EC), EU Directives related to water quality (Drinking Water (98/83/EC); Surface Water for the Abstraction of Drinking Water (75/440/EEC, proposal COM (88) 752 final); Bathing Water (76/160/EEC, proposal COM (88) 752 final, Ground Water (80/68/EEC);

Requested services
The contractor will be requested to submit the following services:
1. Preparation of needed database Kamniška Bistrica River Basin on impact and discharges as well as proposed water quality objectives, using the inventory of qualitative and quantitative data and their interpretation,
2. The qualification of the pollution sources,
3. Changing the Water SEQ (English version) with regard to Slovenian legislation/rules,
4. Training of Slovenian staff, performing the water quality assessment,
5. Providing the Biological SEQ (English version) and training of Slovenian staff, performing the biological water quality assessment,
6. To establish the cooperation in the quality of physical environment assessment procedure between Member states and Slovenian experts.

Beneficiary will provide:
- administrative and financial management
- technical support
- support for the local and international technical assistance
- expertise as specified below
- logistical and organisational support for the training activities as specified below

Expected results
1. Creation of the database on impact and discharges as well as establishment of the water quality objectives,
2. Establishment of the inventory of qualitative and quantitative data and their interpretation,
3. Increased capacity of Slovenian experts to assess the impacts.
4. The confrontation of water intakes and waste water discharges (with possibly an integration of the neighboring small sources of pollution).

3. EXPERTS PROFILE

<table>
<thead>
<tr>
<th>Area of Expertise</th>
<th>Time Provision</th>
<th>Experts Profile*</th>
</tr>
</thead>
</table>
| - Expert for water assessment software | 3 missions of together 18 working days:  
  - mission 1: 2 working days  
  - mission 2: 2 working days  
  - mission 3: 5 working days  
  - 6 working days in the Member State for preparation of software  
  - 3 working days for preparing the report in Member States | -8-15 years of experience in software |

- Expert for water assessment software | 3 missions of together 18 working days:  
  - mission 1: 2 working days  
  - mission 2: 2 working days  
  - mission 3: 5 working days  
  - 6 working days in the Member State for preparation of software  
  - 3 working days for preparing the report in Member State | - 8-15 years of experience in software |
- Ecologist with experiences in chemical and biological area

3 missions of together 18 working days:
- mission 1: 2 working days
- mission 2: 2 working days
- mission 3: 5 working days
- 6 working days in the Member State for preparation of software
- 3 working days for preparing the report in Member State

- 15-20 years of experience in required area

Requirements for all experts:
- university degree
- excellent communication skills, both written and oral;
- computer literacy.

A co-ordinator from the MS will be needed and can be selected from the above describe experts or an additional person can be proposed for the co-ordination activities in the Member state. The work of co-ordinator will include preparation of Monthly reports and the Final report. Ten working days needed for the co-ordination activities are envisaged.

Working languages
Good working knowledge of English language: written and oral.

4. LOCATION AND DURATION

- Starting date: October 2002
- Finishing date of the assignment: March 2003
- Schedule and number of days for the assignment per expert (specify if a briefing and a debriefing are foreseen in Brussels or elsewhere): the number of days for the assignment is the number of days spent on the place of assignment, including weekends and public holidays, + the days needed for briefing, debriefing, report.

Expert in software in water assessment-18 working days
- 2 working days at first mission
- 2 working days at second mission
- 5 working days at last mission
- 6 working days in the Member State for preparation of software
- 3 working days in the Member State for preparation of the reports

Expert in software in water assessment-18 working days
- 2 working days at first mission
- 2 working days at second mission
- 5 working days at last mission
- 6 working days in the Member State for preparation of software
- 3 working days in the Member State for preparation of the reports

**Ecological Expert-18 working days:**
- 2 working days at first mission
- 2 working days at second mission
- 5 working days at last mission
- 6 working days in the Member State for preparation of software
- 3 working days in the Member State for preparation of the reports

**Location of assignment:**

*The activities shall be performed in Slovenia (workshop(s)), at the premises of EARS at Vojkova 1/b, Ljubljana, Slovenia.*

### 5. REPORTING

**Content, language, format and number of reports**

The contractor shall submit the following reports to the Implementing Authority, Ministry of Environment and Spatial planning Dunajska 48, 1000 Ljubljana (contact person: Mr. Andrej Vrcon, tel. (01) 478 7400; fax (01) 478 7419), CFCU (Head of Unit, Mr. Peter Škofic, tel. (01) 478 62 03; fax (01) 478 62 04), EC Delegation (Head of Phare section, Mrs. Bettina Kotzinger, tel. (01) 4251 303; fax (01) 4252 085) and The Government Office for European Affairs –GOEA (Ms. Andreja Jerina, tel.(01) 478 2444, fax (01) 478 2310).

- An Inception Report after two months of the signing of the contract.
- Interim report after four months of the signing of the contract
- Final Report shall be submitted no later that two weeks after the end of the project and prepared in co-ordination with all experts (only 1 report).

All the Reports must include the description of all activities that have been performed as well as the problems encountered and solutions proposed. The Final Report should include the Executive Summary. Reports will be endorsed by the Ministry of Environment and Spatial planning, who may make additional comments.

The reports shall be written in English language and follow the template included as Annex C in the twinning manual.

The Contractor shall produce 4 copies for each report.

**Date of submission**

- An Inception Report two months after the start of the project,
- Interim report after four months after the start of the project,
- Final Report shall be submitted no later that two weeks after the end of the project.