1. Basic Information

1.1 CRIS Nr: 2002/000.610-17
1.2 Title: Implementation of the Integrated Prevention and Pollution Control Directive (IPPC)
1.3 Sector: Environment - SK/02/IB/EN/02
1.4 Location: Slovak Republic

2. Objectives

2.1 Overall Objective:
Achieve the full alignment of the Slovak environmental legislation with the acquis.

2.2 Project purpose:
The project purpose is to implement and enforce the requirements of the Directive 96/61/EC on Integrated Prevention and Pollution Control.

2.3 Accession Partnership and NPAA priority

2001 Accession Partnership:
- “Complete transposition of the acquis, with a special emphasis on air quality, water quality, waste management, nature protection and industrial pollution control.
  - “Continue implementation, in particular as regards genetically modified organisms, air quality, packaging and packaging waste, waste management, urban waste water treatment, drinking water, discharges of dangerous substances to aquatic environment and integrated pollution prevention and control.”
  - “Continue strengthening the administrative, monitoring and enforcement capacity at all levels. Particular attention needs to be paid to strengthening the Environmental Inspectorate and good co-ordination between the Ministries.”
  - “Continue of environmental protection requirements into the definition and implementation of all other sectoral policies with a view to promoting sustainable development.”

2001 National Plan for the Adoption of the Acquis:

A - Horizontal measures
Medium-term priorities
- create conditions (legislative, administrative, technical) for the implementation of tasks in the area of standardisation and submission of reports in line with the adopted concept elaborated within the framework of short-term priorities
  Date: 2003

F. Industrial pollution control and risk management
A working group has been established to address the transposition of IPPC (integrated prevention and pollution control). The IPPC Directive will be transposed through a separate Act and implementing regulations. The relevant legislation will be adopted by the end of 2003.

Medium-term priorities
- adopt the Act on Environmental Labelling of Products (Eco-label), which will take
into account the requirements resulting from Council Regulation 1980/2000 on the revised Community eco-label award scheme (Ministry of Environment)
Date: 2\textsuperscript{nd} half of 2002

- adopt the Act on Environmentally Oriented Management and Audit (EMAS), which will take into account the requirements of Council Regulation 761/2001/EC on EMAS II (Ministry of Environment)
  Date: 2\textsuperscript{nd} half of 2002

- adopt 10 decrees related to the Act on the Prevention of Major Accidents involving Dangerous Substances (implementation of Directive 96/82/EC) (Ministry of Environment)
  Date: 2002

- adopt an amendment to the Act No. 309/1991 Coll. as amended by later regulations in connection with the transposition of Council Directive 88/609/EEC on the limitation of emissions of certain pollutants into the air from large combustion plants
  Date: 2003

  Date: 2002

- convert Governmental Ordinance No. 92/1996 Coll. into a decree and subsequently amend it or issue a separate decree in connection with the transposition of Council Directive 88/609/EEC on the limitation of emissions of certain pollutants into the air from large combustion plants
  Date: 2003

- convert Governmental Ordinance No. 92/1996 Coll. into a decree and subsequently amend it or issue a separate decree in connection with the transposition of Council Directive 1999/13/EC on the limitation of emission of volatile organic compounds due to the use of organic solvents in certain activities and installations
  Date: 2002

  Date: 2003


2.4 Contribution to National Development Plan: not applicable

2.5 Cross Border Impact: not applicable

3. Description

3.1 Background and justification:

The purpose of the Council Directive 96/61/EC on Integrated Prevention and Pollution Control is to achieve integrated prevention and control of pollution arising from the activities listed in Directive’s Annex I. It lays down measures designed to prevent or, where that is not practicable, to reduce emissions in the air, water and land from the above mentioned activities, including measures concerning waste, in order to achieve a
high level of protection of the environment taken as a whole, without prejudice to Directive 85/337/EEC and other relevant Community provisions.

The Slovak legislation is not yet fully in compliance with the IPPC Directive. The main deficiencies of the existing Slovak legislation related to the IPPC are:

- the existing legislation does not provide for issuing permits and controlling of discharge of dangerous substances into public sewerage systems,
- limits are not always related to the (industrial) production unit,
- inventory of discharges is not completed,
- permits issued are not time-limited and the regular revision of the permit every four years is not requested,
- BAT - Best Available Technologies (means) are not specifically required,
- inadequate monitoring of dangerous substances in surface waters and discharges,
- inadequate (non-existing) monitoring of dangerous substances in environmental components.

The transposition of the IPPC Directive is required to be executed through preparation of the law on IPPC and changes of some other relevant laws. Full implementation and subsequent enforcement is planned to be executed through national legislation by 2004-2005. For the four EU Directives in the field of IPPC a transition period is requested.

Initial steps have been made by the Slovak authorities to introduce adoption and implementation of this Directive:
1) The legislative and implementing regulations have been prepared by the Ministry of Environment (MoE) to be submitted to the Government session,
2) Slovak Environmental Agency (SEA) has started to create an inventory system of relevant installations,
3) The Slovak Hydro-meteorological Institute (SHMI) has developed a preliminary inventory of polluters discharging dangerous substances,
4) The MoE has reviewed the current Slovak emission limit values for dangerous substances and has developed emission limit values in conformity with the Directive but they are not yet adopted in legally binding form.
5) The MoE decided to entrust the Slovak Environmental Inspectorate (SEI) (instead of establishing of new IPPC Agency) both roles of permissive and inspection body since July 2003 and to increase the personnel staff of SEI. The SEA will build the Information system for the IPPC (as part of the Environmental Information system) and will be responsible for reporting to international bodies.

The Slovak Environmental Agency is one of the professional organisation of the Ministry of Environment. The Agency's activities are focused on environmental protection and its operations are divided into the following fields of activity:

a) territorial planning,
b) waste management,
c) environmental information and monitoring,
d) documentation and scientific and technological information,
e) environmental impact assessment,
f) environmental risk assessment and management and chemical security,
g) environmental state assessment and environmental regionalization,
h) economy of the environment,
i) environmental education and promotion,
j) environmental assessment and labelling of equipment and technology,
k) environmental management systems,
1) cultural landscape and natural heritage protection.

In the above-mentioned areas, the SEA prepares professional bases for strategies, conceptions, programmes and legal regulations, carries out co-ordination activities, organises events, elaborates plans and evaluates their fulfilment, works out or orders projects, provides expert opinions, information and documents, provides professional supervision over environmental legal regulations enforcement, as well as professional activity focused on the fulfilment of obligations arising for the Slovak Republic from international conventions. The Agency provides assistance to the MoE in Slovak legal system harmonisation with the regulations and procedures of the European Union and co-operates with relevant professional institutes in the Slovak Republic and abroad.

3.2 Linked activities:
In recent years, the Ministry of Environment received Phare support through four twinning projects related to the implementation of EC Directives focused to EIA, water resources, water toxicity, EMAS, environmental inspection.

A brief outline of the twinning projects is given below:

**SR98/IB/EN/01**
Harmonisation of sectoral policy and institutional reinforcement in the area of water protection and management.
The project aimed at assessing and subsequently implementing the requirements of the Water Framework Directive with regard to the legal and organisational powers and obligations of current water management authorities and organisations in the Slovak Republic. The outputs of the project will be used for the transposition and implementation of the Water Framework Directive.

**SR99/IB/EN/01**
Institutional reinforcement and assistance in the approximation and transposition of environmental legislation in the Slovak Republic legal system (EMAS, GMO, application of the assessment of water toxicity and early warning system at entry points to the water supply through continuous biological monitoring).
Expected result: Application of water toxicity evaluation in permitting processes of water authorities

**SR07/IB/EN/02**
Strengthening of the Slovak Environmental Inspectorates
Expected result: This project aims at enabling the Slovak Environmental Inspectorates to perform integrated inspections of industries in accordance with the EU principles, develop recommendations targeted at introducing integrated inspections and inspection manuals for 6-8 large industrial plants.

**SK00/IB/ENV/01**
Implementation of the Environment Impact Assessment Directive according to EU standards
The main target is to prepare methodologies for Strategic Environmental Assessment and to build Information system for the whole process of EIA in Slovakia. The Project started in February 2002.
Other projects including bilateral donors:

Danish Environmental Protection Agency / DEPA / Project
The Preparation of an Integrated EU Approximation Strategy in the Environmental Sector
Completed in October 2001
Results: The estimation of administrative and financial needs, detailed analyses of all
directives and the development of the necessary implementation plans and financial
strategies, in particular for those directives which transitional periods are requested.

Flemish-Slovak Bilateral Co-operation
In the frame of the Flemish-Slovak Bilateral Co-operation currently being developed, it is
envisioned to organise a complementary programme with the aim to raise the awareness of
the public, industry and local administration in the field of IPPC implementation.

British-Slovak Bilateral Co-operation
IPPC project under the UK Know How fund gives a good basis for the MoE, regional and
local authorities to discuss how the IPPC Directive could be implemented in the Slovak
Republic. Based on the discussion the MoE has drafted an implementation plan and
legislative structure for transposing the IPPC Directive.

Danish-Slovak Bilateral Co-operation
Project funded by DANCSEE on the implementation of IPPC is expected to start in 2002.
The purpose of the project is to conduct a pilot integrated approval procedure according
to the requirements of the IPPC Directive and will assist in the definition of the
amendments of the existing Slovak legislation.

3.3 Results:
The project is focused on the achievement of the following results:
1. Information and technical tools available to SEI and SEA to implement the IPPC
   Directive
2. Standard reporting and public participation required by EU and other international
   institutions
3. Programmes for reduction of pollution and improvement of prevention drafted
4. Ensure implementation of the IPPC Directive by relevant Public Authorities and
   Sector Associations.

The project will allow the public administration responsible for environmental protection
and management, particularly the Ministry of the Environment (MoE), the Slovak
Environmental Agency (SEA), the Slovak Environmental Inspectorate (SEI), Slovak
Hydro-meteorological Institute (SHMI) and other relevant bodies to built Information
system for the IPPC as part of national environmental information system under the
leadership (operational and management) of the SEA and targeted to support the
fulfilment the Slovak Republic’s obligations in the area covered by the IPPC Directive.
The project will create also the conditions for better understanding of the IPPC directive
by relevant stakeholders and for the participation of the public in the process.

By the end of the project the technical and information support for the IPPC Directive
enforcement in the Slovak legal system will be completed including the programmes for
eliminating of pollution and improvement of prevention. Within the SEA an information
system for IPPC will be installed and operational in line with the provision of the IPPC
Directive, including all the registers specified in the Annex III of the Directive and
meeting the requirements on standard reporting mechanism.
3.4 Activities:
The following activities are planned within the project:
1. Assess and develop the national monitoring pollution and emission register to include substances according to Annex 1 of IPPC Directive.
2. Develop software and information system for national control and prevention system (Information system of IPPC) connected with Information system of departments of environment of state administration (ISOZP), Subsystem Air and establish mechanism for access to information for public participation.
   2.1 Procurement of technology equipment.
3. Development of databases and guidelines for national control and prevention system
4. Set-up system for fulfilment of requirements of EU and other international organisations available for reporting mechanism.
5. Prepare database of activities and human impacts adversely affecting environment and organise programming and planning for re-mediation actions.
6. Training of trainers of the national training centre at the SEA.
7. Training of the professional staff of the public authorities and industry associations.

1. Assess and develop the national monitoring pollution and emission register to include substances according to Annex 1 of IPPC Directive.

Assistance is needed to help to implement the new Slovak Act on IPPC (expected to enter into force in 2003) and to transfer the know-how of the systems applied in the EU Member States. The analysis will focus on the technical and information environment necessary for the implementation of the IPPC Directive. The assistance will make use of the results of the UK Know-How Fund project in the IPPC area as well as of the recommendations of the "Handbook on the implementation of EC Environment Legislation" prepared by the EC. As the result of the analysis, possible further alignment of the Slovak legislation in the area covered by the IPPC directive might be proposed as well as the extension of the register to include all dangerous substances. If needed, draft amendment of existing legislation, secondary legislation, executive regulations will be prepared. Furthermore the assistance will identify further steps for the institutional strengthening including the positioning of the IPPC laboratory.

2. Develop software and information system for national control and prevention system (Information system of IPPC) connecting with Information system of departments of environment of state administration (ISOZP) and establish mechanism for access to information for public participation.

Assistance is needed to develop software (programme) and information system connected with existing information system of departments of environment of the state administration (ISOZP). In order to establish the Information system of IPPC (see Activity 3) software must be developed, furthermore equipment will be delivered, including equipment for control and verify data. Public participation on the whole IPPC process is required. Information from the IPPC Information system will be available to the public through WEB pages (see Activity 3).

3. Develop of databases and guidelines for national control and prevention system.

Assistance is needed to develop the databases for information system developed in Activity 2. These databases will contain recommended information for national BAT register and will unify all the information and registers, which are of relevance for the
permitting process (e.g. model solution using, GIS, energy efficiency…). The structure of the Information system of IPPC should allow differentiated access to different data, decisions, etc depending on the relevance of the institution in the permitting and control process. At the same time, the system must guarantee the access of the public to the information in line with the Directive 90/313/EEC.

4. Set-up system for fulfilment of requirements of EU and other international organisations available for reporting mechanism.

The Information system of IPPC will fulfil also the reporting obligations toward the EU and other relevant international institutions. The automated system of collecting and accounting of information for standardised reporting process is planned.

5. Prepare database of activities and human impacts adversely affecting environment and organise programming and planning for re-mediation actions.

One of the outputs of the IPPC Information system (see Activity 3) will be the prioritisation of individual areas from the point of the implementation of the IPPC (from the institutional and territorial point of view). Following prioritisation of the areas, draft programmes system of preparation of projects for elimination of pollution and improvement of prevention for these areas will be developed under the supervision of the twinning assistance.

6. Training of trainers of the national training centre at the SEA

The National Training Center at the SEA is the organisation appointed for delivery of training on specialised environmental issues to the regulatory bodies, public authorities, municipalities and professional associations. The staff of the National Training Center will receive training on the procedures and modalities of the IPPC. Estimated 10 trainers will be trained in different modules:
   a) legislative framework and relevant laws and in permitting for permittees
   b) databases and access to the information
   c) administrative process and public participation and permit application process

7. Training of the professional staff of the public authorities and industry associations

After the training of trainers the National Training Center will be equipped to provide the trainers adequate conditions (PC, software, scanner, printer, copy-machine, projector and LCD projector, flipchart) to disseminate training for up to 200 trainees in different modules. The staff will be trained in 15 days divided into 3 blocks. MoE and SEA and SEI staff will receive especially training in module a). The officials from regional branches of SEA, SEI and SHMU will receive training focused on module b). Representatives of associations and municipalities will receive training mainly in module c).

MEANS:

Twinning

A long–term Pre-Accession Advisor (PAA) is requested for 24 months. PAA will be a senior official, with overall experience in the field of prevention and control of pollution, and he/she will have knowledge of information systems in environment sector and of the EU legislation. He/she should relevant experience in the preparation of programmes for
elimination of pollution and improvement of prevention. Management skills will be an asset.
The guaranteed result of the assistance is the preparation of full transposition of the IPPC into the Slovak legislation including the advice on the institutional set-up able to guarantee the implementation of the IPPC Directive.
The PAA will be involved in implementation of all activities described above. The main focus will be on Activities 1, 4 and 5.

He/she will be assisted by a team of short-term seconded officials, responsible for advising on the design of a database comprising the inventory results, implementation of the IPPC and establishment of the system. They should be experienced in designing and using databases in a system of distributed – network based environment. They will be involved in the implementation of all activities. Short-term experts are requested for 23 months through following scheme:
- Assess and develop the national Information system on IPPC and prevention system to include all dangerous substances. up to 8 months
- Define requirements on information system for national controlling and prevention system guaranteeing the access to information for public participation: up to 5 months
- Set-up system for fulfillment of requirements of EU bodies and reporting mechanism: up to 2 months.
- Organisation of programming and planning for re-mediation actions for individual areas: up to 2 months.
- Preparation of training modules and supporting documentation. Training of professional staff of national training centre, regulatory bodies and industry associations dealing with self-monitoring. For training of system operation and maintenance (operators, reference centres managers, users) a team of short term experts from various experience will be needed. These experts will have experience in training preparation and implementation of training programmes and preparation of manuals and guidance documents: total up to 6 months

The maximum budget for twinning should not exceed 750,000 €.

Technical assistance

Technical assistance is needed to develop the software for data collection from all entities affected by the IPPC Directive, to ensure the integration of the existing registers into the National register, preparation of the BAT register with sections available for public use, creation of a system for making involved entities aware of the steps for the permission process for operation under the IPPC and create a feedback system with involved entities (for example: usage of web-integrated database, and support of web-based services).

A team of short-term consultants with relevant experience in creation of information system with differentiated access to the information, creation of user-friendly databases.

The maximum budget for the technical assistance should not exceed 80,000 EUR.

Equipment

Equipment for 12 institutional points (offices of existing institutions involved to the IPPC process which extend the work to IPPC) for usage of outputs of Information system of IPPC (activity 3): 90,000 EURO.
Equipment for IPPC – laboratory equipment (complete set) - testing, analytical equipment for control and verification of data (activity 5):
- basic equipment: EURO 40.000
- accessories: EURO 20.000
- equipment for semi-quantity assessment (Dräger, ECOPROBE): EURO 40.000
- chromatograph - GC FID Head space, MSD: EURO 50.000
- chromatograph - HPLC FLU: EURO 30.000
- spectrometer FTIR: EURO 40.000
- UV VIS SPEKOL: EURO 35.000
Total for the IPPC laboratory: EURO 255.000

National training center equipment (activity 7) EURO 15.000

The maximum budget for the purchase of equipment is EURO 360.000 (co-financed by Slovak Republic: EURO 90.000)

3.5 Lessons learned

4. Institutional Framework

The Ministry of Environment (MoE) is the competent authority for implementation of environmental legislation. The institution appointed for the implementation of the IPPC Directive with the focus on technical and information support of the enforcement of the directive will be the Slovak Environmental Agency, which is one of the professional organisations of the Ministry of Environment. SEA drafts strategies, programmes and legal regulations, elaborates specific plans and evaluates their fulfilment, supervises the enforcement of the environmental legal regulations. The Agency provides assistance to the MoE in the harmonisation of the Slovak legal system with EU acquis.

The Slovak Environmental Inspectorate (SEI) provides professional supervision. It inspects plants and in the case of the violation of water legislation it imposes pollution penalties.

The authorities at district and regional offices grant permits for operation of facilities that are point-sources of pollution based upon a complex application which must contain information about compliance with all requirements including technical, operational and organisational parameters for a proposed activity. Also, the authority can request an expert opinion and/or can invite the Slovak Environmental Inspectorate (SEI) to review the application.

The Slovak Hydrometeorological Institute (SHMI) operates in the whole country and is subordinated to MoE. The main roles of SHMI are monitoring activities that include monitoring of quality and quantity of surface water and ground water and the quality of air on the national level. Other activities related to monitoring are weather forecasting, data gathering and their interpretation, providing information about status and regime of water and air.

The National Reference Laboratory, established by the Act of Government of Slovakia No.638/1996 aims at harmonising the standard practice of the European Union and the rules of the OECD with the hydro-analytical practice in the Slovak Republic.
**Beneficiaries**
The main beneficiaries are: the Ministry of Environment, the Slovak Environmental Agency (District and Regional offices), the Slovak Environmental Inspectorate, the Slovak Hydrometeorological Institute, the National Reference Laboratory and other central bodies: the Ministry of Economy, the Ministry of Health, the Ministry of Agriculture, the industry sector and industrial associations and in a wider sense the public in general.

5. **Detailed Budget**

<table>
<thead>
<tr>
<th>Phare Support</th>
<th>Investment</th>
<th>IB</th>
<th>Total Phare (=I+IB)</th>
<th>National Co-financing</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twinning activities</td>
<td>-</td>
<td>0,750</td>
<td>0,750</td>
<td></td>
<td>0,750</td>
</tr>
<tr>
<td>Technical assistance</td>
<td></td>
<td>0,080</td>
<td>0,080</td>
<td></td>
<td>0,080</td>
</tr>
<tr>
<td>Equipment (analysis,</td>
<td>0,270</td>
<td></td>
<td>0,270</td>
<td>0,090</td>
<td>0,360</td>
</tr>
<tr>
<td>Information system of IPPC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>incl. National Register, NTC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>0,270</td>
<td>0,830</td>
<td>1,100</td>
<td>0,090</td>
<td>1,190</td>
</tr>
</tbody>
</table>

The national co-financing will be ensured from the 2003 Slovak State budget in line with the Government Decree 135/2001.

6. **Implementation Arrangements**

6.1 **Implementing Agency**
CFCU - Central Finance and Contracting Unit
Mlynské Nivy 61, Bratislava, Slovak Republic
tel: + 421 2 5341 8093, fax:: + 421 2 5341 8095
PAO: Mr. Milan Michalicka

6.2 **Twinning**

The institutional twinning partner will be the Ministry of Environment, who will assume overall responsibility for the project. The Ministry of Environment will cooperate in project implementation with other ministries, in particular with the Ministry of Economy, Ministry of Health and Ministry of Agriculture.

The project will be co-implemented by the following institutions:
- Slovak Environmental Agency (SEA)
- Slovak Environment Inspectorate (SEI)
- National Reference Laboratory (NRL)
- Slovak Academy of Science

The PAA and short-term seconded officials will be deployed at the SEA in Banska Stiavnica and Banska Bystrica.

**The Slovak Environmental Agency (SEA)**
Contact person: Miroslav Toncik, General Director, SEA, Tajovskeho 28, 975 90 Banska Bystrica, Slovak Republic
Tel.: +421 48 4135 131, fax::+421 48 4230 409, e-mail : toncik@sazp.sk

Contact person: Vladimir Benko, Director, SEA Centre of Environmental Policy and
6.3 Non-standard aspects
DIS manual will be strictly followed as appropriate relevant.

6.4 Contracts
One Twinning Covenant will be signed for implementation of the Directive 96/61/EC (EUR 660,000)
Technical assistance service contracts (EUR 90,000)
One Supply Contract for the purchase of equipment (EUR 360,000)

7. Implementation Schedule
7.1 Call for proposals: 3rd quarter 2002
7.2 Start of project activity: 2nd quarter 2003
7.3 Project Completion: 2nd quarter 2005

8. Equal Opportunity: Not relevant

9. Environment: Not relevant

10. Rates of Return: not relevant

11. Investment criteria: not relevant

12. Conditionality and sequencing
A pre-condition for the project is:
• Adequate staff available

Milestones for the project implementation:
- Inventory of all legal and administrative documentation related to IPPC 3rd quarter 2003
- Design and development of national control and prevention system according to the IPPC Directive 4th quarter 2003
- Installation of system and software for national control and prevention system 4th quarter 2003
- Completion of information databases 4th quarter 2003
- Training activities start-up 4th quarter 2003
ANNEXES TO PROJECT FICHE

1. Logical framework matrix in standard format
2. Detailed implementation chart
3. Contracting and disbursement schedule by quarter for full duration of programme (including disbursement period)
4. Overview of the existing environment information system

List of abbreviations:

MoE - Ministry of Environment of the Slovak Republic
SEA - Slovak Environmental Agency
EU - European Union
EEA - European Environmental Agency
EIONET - European Information and Observation Network
IPPC - Integrated Pollution Prevention and Control
SEI - Slovak Environmental Inspectorate
SHMI - Slovak Hydrometeorological Institute
**Intervention logic** | **Objectively verifiable indicators** | **Sources of verification** | **Assumptions**
--- | --- | --- | ---

**Overall objectives:**
- Achieve full alignment of the Slovak environmental legislation with the Acquis - information and technical support.
  - Gradual improvement of the ambient environment (soil, water, air) and reduction of pollution load
  - Slovak environmental legislation fully harmonized with EU acquis
  - Regular report of Slovakia
  - Commission regular report
  - Annual report on the state of environment in the Slovakia

**Project purpose:**
- Implementation and enforcement of the Directive 96/61/EC on Integrated Prevention and Pollution Control
  - Establishment of the national system for prevention and pollution control with databases and published information on the web
  - Slovak legislation aligned with the IPPC directive
  - Plans and Programmes available at MoE.
  - Slovak regular report on accession
  - SEA annual report
  - Financial tools available for implementation
  - Access to adequate technology and equipment
  - Relevant public authorities and regulatory bodies adequately staffed

**Results:**
1. Information and technical tools available to SEI and SEA implement the IPPC directive in the Slovak Republic
   - National monitoring register of pollution and emissions extended
   - National IPPC laboratory operational
   - Network for IPPC created (register, software, d-bases, IS)
   - WEB site available for public
   - Project final report
   - SEA annual report
   - National parliament adopts the legal acts
2. Public participation and standard reporting required by EU and other international organisations
   - Network for IPPC created (register, software, d-bases, IS)
   - WEB site available for public
   - Report on the results of the inventory
   - SEI Annual Inspection report
   - Co-operation with relevant authorities and with the industry sector
3. Programmes for elimination of pollution and improvement of prevention drafted
   - Programmes emission elimination/ reduction of dangerous substances elaborated by public authorities and industry;
   - National training center equipped
   - 10 trainers trained
   - 200 officials from public bodies and associations trained
   - All institutions involved in the national IPPC network co-operate
4. Ensure implementation of the IPPC Directive by relevant Public Authorities and Sector Associations.
   - National training center equipped
   - 10 trainers trained
   - 200 officials from public bodies and associations trained
   - Implementation of the Directive on dangerous substances into aquatic environment adopted
   - Public aware of the IPPC Directive requirements
<table>
<thead>
<tr>
<th>Logical Framework Planning Matrix for:</th>
<th>Programme name: Implementation of IPPC Directive</th>
<th>Date of drafting: 2002</th>
<th>Total budget (MEUR)</th>
<th>1.19</th>
<th>Sheet no.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programme no.: 2002/000.610-17</td>
<td>Contracting period expires: 30.11.2004</td>
<td>Phare contribution (MEUR)</td>
<td>1.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country: Slovak Republic</td>
<td>Disbursement period expires: 30.11.2005</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Intervention logic

<table>
<thead>
<tr>
<th>Activities</th>
<th>Specification of means</th>
<th>Specification of costs</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Assess and develop the national monitoring pollution and emission register to include substances according to Annex 1 of IPPC Directive.</td>
<td>Twinning (PAA – 24 months) + pool of short-term seconded officials</td>
<td>750.000 EUR</td>
<td>Co-operation and commitment by co-operating authorities and other institutions Active involvement of the industry representatives</td>
</tr>
<tr>
<td>2. Develop software and information system for national controlling and prevention system (Information system of IPPC) connected with ISOZP and provided information for public participation</td>
<td>Technical assistance - pool of local experts</td>
<td>80.000 EUR</td>
<td></td>
</tr>
<tr>
<td>3. Development of databases and guidelines for national controlling and prevention system.</td>
<td>Equipment (National register nods, IPPC laboratory, National training center)</td>
<td>270.000 EUR</td>
<td></td>
</tr>
<tr>
<td>4. Set up system for fulfilment of requirements of EU and other international organisations available for reporting mechanism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Prepare database of activities and human impacts adversely affecting environment and organise programming and planning for re-mediation actions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Training of trainers of the National training center within SEA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Training of the professional staff of the public authorities and industry associations</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Pre conditions

1. Adequate staff available
# TIME IMPLEMENTATION CHART FOR PROJECT

Implementation of the Integrated Prevention and Pollution Control Directive (IPPC)

<table>
<thead>
<tr>
<th>Title</th>
<th>Implementation of the Integrated Prevention and Pollution Control Directive (IPPC)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Date of Draft</strong></td>
</tr>
<tr>
<td><strong>Project</strong></td>
<td><strong>Time Implementation Chart (in quarters)</strong></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Programme</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>2003</strong></td>
</tr>
<tr>
<td></td>
<td>I</td>
</tr>
<tr>
<td>1. Twinning</td>
<td>C</td>
</tr>
<tr>
<td>2. T.A.</td>
<td>T</td>
</tr>
<tr>
<td>2. Purchase of equipment</td>
<td>T</td>
</tr>
</tbody>
</table>

C: Call for proposals, evaluation  
T.: tendering  
I: Implementation
ANNEX 3

CUMULATIVE CONTRACTING AND DISBURSEMENT SCHEDULE (in MEUR) – SK

Implementation of the Integrated Prevention and Pollution Control Directive (IPPC)

<table>
<thead>
<tr>
<th></th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I</td>
<td>II</td>
<td>III</td>
</tr>
<tr>
<td>Contracted</td>
<td>0.75</td>
<td>0.83</td>
<td>1.1</td>
</tr>
<tr>
<td>Disbursed</td>
<td>0.35</td>
<td>0.4</td>
<td>0.6</td>
</tr>
</tbody>
</table>
Overview of the existing environment information system

Information System of IPPC

SEI
- Community
- Injured body
- Injured persons
- MoE SR
- MoEC SR
- MoSoil SR
- MZ SR

Public

Intern obligation

Installation

GIS modul

User interface

Register of documents

Register of BATs and BREFs

National IPPC Register

ISOZP sub Air SW NEIS

ISOZP sub Water

ISOZP sub Waste SW RISO

JRC Sevilla

Prepojenia: súčasné

nové