Standard summary project fiche for the Transition Facility

1. Basic Information

1.1 CRIS Number: 2007/019-303.04.03
1.2 Twinning contract BG/07/IB/EN /03
1.3 Title: Implementation and enforcement of Directive 2003/105/EC, amending Directive 96/82/EC (Seveso II Directive) on the control of major-accident hazards involving dangerous substances
   Sector: Environment
1.4 Location: Ministry of Environment and Water, Sofia, Bulgaria

2. Objectives

2.1 Overall Objective(s):

The overall objective of this project is to prevent pollution from major industrial accidents by assisting the Republic of Bulgaria in achieving an effective implementation and enforcement of the requirements of 2003/105/EC Directive, amending Directive 96/82/EC Seveso II Directive through improving administrative framework and institutional capacities as well as to support the operators of Seveso establishments in development of an effective safety management system.

2.2 Project purpose:

The objective is to strengthen the administrative and control capacities of the relevant Bulgarian authorities regarding the implementation and enforcement of the SEVESO II Directive on control of major-accident hazards involving dangerous substances, including its amendment directive. This would be achieved through training activities (workshops, hands-on and pilot exercises, guidance notes and support documentation) and by developing and supply of technical means in order to fulfil the core requirements of the Directive (software tool for quantitative risk assessment methods and electronic database of the Seveso substances, covered by Annex I of Directive 96/82/EC, including their relevant properties).

2.3 Justification

In the Roadmap for Bulgaria communicated by the Commission to the Council and the European parliament there is a remark that a close attention needs to be paid to progressive implementation of the acquis in all sectors, particularly as regards waste management, water quality, industrial pollution and risk management, chemicals and genetically modified organisms and nature protection. Pursue transposition further. Enhance the administrative structures necessary for the full implementation of the acquis in all sectors, particularly as regards waste management, water quality, industrial pollution and risk management, chemicals and genetically modified organisms and nature protection.

In the last Monitoring report on the state of preparedness for EU membership of Bulgaria and Romania (COM(2006) 549), issued on 26.9.2006 the recommendation has been made that as regards IPPC and risk management, “Substantial efforts are needed as regards progress - as scheduled - in terms of implementation of measures in these areas”

3. Description

3.1 Background and justification:
The Ministry of Environment and Water has already transposed Directive 2003/105/EC by an amendment to Chapter 7, Section 1 of the Environmental Protection Act in September 2005 and Regulation on the prevention of major accidents involving dangerous substances and limitation of their consequences adopted in May 2006 and amending the Regulation on the conditions and procedure for issuing of permits for construction and operation of new establishments or installations and for operation of existing establishments and installations implementing a system for the prevention of major accidents involving dangerous substances or the limitation of their consequences. The Regulation entered into force for new establishments and installations on 1 January 2004 and for existing installations on 1 January 2006.

The competent authorities for implementation of the above mentioned legislation are Ministry of Environment and Water, as main coordinating body, Ministry of Health, State Agency on Civil Protection, National Service “Fire and Emergency Safety”, State Agency for metrology and technical surveillance, district authorities and local bodies.

According to the requirements of the national legislation on major accident prevention the operators of establishments, classified themselves as lower tier or upper tier establishments have to prepare and submit to the minister of environment and water number of documents in order to prove that all necessary measures for major accident prevention are taken.

The competent authorities evaluate the documentation and after reasonable period minister of environment and water communicate the conclusions to the operator for permitting or prohibiting bringing into use or the continued use of the establishment.

Control over compliance with the requirements specified into the national legislation on prevention of major accidents and the limitation of their consequences for man and the environment shall be exercised by the established committee including representatives from the regional structures of the competent authorities (representatives from the regional inspectorates for environment and water – 15 RI EWs, regional inspectorates for public health protection and control – 28 inspectorates, regional structures of Ministry of State Policy for Disasters and Accidents – 28, local fire-fighting service - 28, regional inspectorates for technical surveillance – 12; districts - 28 and municipalities - 263). Particularly intensive efforts and clear criteria are needed in assessment of the documentation submitted by the operator covered by the Seveso legislation (classifications, Major Accident Prevention Policies and Safety Reports, Risk assessments, Internal and External Emergency plans). Further training is needed concerning evaluation of the documents by different competent authority and improving of the coordination at central level. One particular area of concern is the preparation and the evaluation of the Risk assessment, which is compiled by the operator and is evaluated by the competent authorities as required by the Bulgarian and EU legislation. The elaboration of a unified risk assessment methodology together with the corresponding software will create a common playing field for all operators, will further enhance the transparency of the permitting process and will help the operators and the competent authorities in fulfilling their duties under the current Bulgarian and EU legislation.

Strengthening of the administrative capacity and improvement of the knowledge and the experience of the staff at the control bodies for on-site inspections of the operators checking compliance with the requirements set and prescriptions given by the competent authorities are need as well. Considerable amount of difficulties concerning the inspections of the Seveso establishment are expected because of different and many in number control bodies.

Further concern is the control in the context of the Directive 2003/105/EC, which will be particularly challenging for the new sites covered by the Directive. As multiple authorities are involved in the inspection of the sites, each with different competencies, backgrounds, control practices, concepts and requirements and administrative capacities, there is an imperative need for a comprehensive, structures and consistent guidance/methodology document for planning, performing and reporting inspections and follow-ups. The document should reflect all the requirements of the Directive 2003/105/EC and the Council Recommendation 2001/331 on minimum criteria for environmental inspections.

In order to achieve the above mentioned goals, Member State support is requested through a twinning partnership with an institution providing national and European expertise on industrial safety, Seveso inspections, environmental and health risk assessment and related administrative procedures.
The partnership would also support the Bulgarian Ministry of Environment and Water in preparing or supplying an electronic database on dangerous substances, covered by Seveso legislation, available to Bulgarian competent authorities, public bodies and the industry.

This project and especially the development and/or supply of software tool for risk assessment will support the operators in preparation of risk assessment documents.

Another concern is the preparation of leaflets and/or brochures containing information on safety measures and on the requisite behaviour in the event of an accident, which are required by the operators of establishments covered by Seveso.

3.2 Linked activities:

In a series of workshops between September 2003 and May 2004, the Twinning Project BG2001/IB/EN-01 “Implementing the Seveso Directive” has provided training to administrators and Seveso enterprises for implementation of the harmonised legislation on prevention of industrial accidents. As part of the project, five pilot enterprises prepared the major part of the documentation required by Bulgarian Seveso legislation. European technical guidance documents were adapted to the implementation situation in Bulgaria, and the first Bulgarian contributions were provided to the European Seveso databases on installations and major accidents maintained by the Major Accidents Hazards Bureau of the Joint Research Center of the European Communities. A few recommendations have been made as an overall conclusion of the Twinning Project BG2001/IB/EN-01 “Implementing the Seveso Directive”. In order to facilitate and speed up the evaluation of the documents submitted by the Seveso operators clear and uniform criteria are needed to be set up. Further training and support by international partnership are needed to implement and enforce amendment 2003/105/EC of the Seveso II Directive. In the Final report of the Twinning Project BG2001/IB/EN-01 “Implementing the Seveso Directive” some future training needs have been identified, which correspond to the overall objectives of the current project proposal:

- Training of operators and MoEW staff in the requirements of the amended Directive
- Training in inspection of Seveso facilities for MoEW staff and staff from other Public authorities
- Training for MoEW staff in the assessment of Operator Documentation

The abovementioned recommendations have been reflected in the results envisaged in the current project proposal, especially results 1, 2, 3, 4 and 5.

3.3 Results:

1. Strengthened and experienced staff responsible for evaluation of the documentation submitted by the operators.

2. Guidance for the technical assessment of the documentation submitted by the Seveso operators.


4. The control bodies carry out effective on-site inspections of the operators checking the compliance with the requirements set and prescriptions given by the competent authorities.

5. Technical guidance materials on different quantitative and qualitative risk assessment methods and development of software for risk assessment, which will unify the risk assessment techniques used in the practice and supporting the decision-making process.
6. Electronic database of all Seveso substances covered by Annex I of Directive 96/82/EC and amending Directive 2003/105/EC, which will support the competent and control authorities in fulfilling their responsibilities and will help the industry being in compliance with national legislation.

7. Knowledgeable and experienced industry in preparing leaflets and/or brochures containing information on safety measures and on the requisite behaviour in the event of an accident and further supplying to all persons liable to be affected by a major accident.

3.4 Activities:

The following twinning activities are foreseen (see detailed Workplan, Art. 6):

1. Strengthening of the administrative structures by carrying out of number of workshops and training sessions for different competent authorities on evaluation of the documents submitted by the operators covered by Seveso legislation. This is a key requirement under the Directive laid down in Art. 9(3).

2. Set up of uniform criteria for the technical assessment of the documentation submitted by the Seveso operators, developed and provided for the officials involved in the implementation of the Seveso legislation. Since the documentation is a complex combination of organisational, management and technical measures, proper expertise from the relevant competent authorities within the boundaries of their competencies is required.

3. Preparation and implementation of a training programme including representatives of the various control bodies at regional level, involved in the process of inspection of Seveso facilities. The inspections of the Seveso establishments are a key point in the overall implementation of the legislation and are defined in Art. 18 of the Directive. It requires planned and systematic examination of the accident prevention, control and response systems being employed at the establishment, whether of a technical, organizational or managerial nature. The fulfilment of these requirements can be achieved by:
   - Hands-on exercises on planning, preparation, performing, reporting and follow-up of Seveso inspections.
   - Pilot exercise for performing on-site inspections of four establishments covered by Seveso legislation.

4. Elaboration of guidance establishing a fully operational inspection scheme developed according to the minimum criteria for inspections for the sites under the scope of the Directive 2003/105/EC.

5. Identification of different qualitative and quantitative risk assessment methods and elaboration of guidance containing selected risk analysis methods adequate to the Bulgarian establishments as well as development of software tools for quantitative risk assessment. The risk assessment studies are required by the Directive (Annex III) and represent one of the key parts of the Safety reports. The software tools will enable the harmonization of the risk assessment, prepared according the Bulgarian and EU legislation. It will ensure the introduction of a harmonised approach in the assessment of the documentation and will ultimately enhance the administrative capacity of the competent authorities. This Activity will be financed by a service contract. Functionalities of the Activity: The software tool should be an installable application, which will be distributed to the administrative authorities and the industry. Within the software package, a database of generic major accident scenarios (toxic release, fire and explosion scenarios), failure rates of equipment and modelling tool for consequence assessment should be present, which will allow for a full quantitative risk assessment.

6. Development and installation of electronic database of the Seveso substances covered by the Annex I of Seveso II Directive and its amendment – Directive 2003/105/EC, including their relevant properties and endpoints. The database will ensure uniformed approach towards the classification of the establishments and the risk assessment, since it will harmonise the information about the hazard endpoints for the different dangerous substances. This Activity will also be financed by the service contract.
Functionalities of the Activity: The database should be internet-based and will be located on the MoEW chemicals’ website. It will provide free of charge access to all relevant stakeholders.

7. Elaboration of exemplary leaflets and/or brochures containing information on safety measures and on the requisite behaviour in the event of an accident, which to be spread over the Seveso operators.

8. CD-ROM and www documentation

9. Study tour(s) to Member States

3.5 Lessons learned:

The pre-accession project Twinning Project BG 2001/IB/EN/01 “Implementation of Seveso II Directive” has confirmed that the Bulgarian administration reached an equal level of organization and preparation to comparable Member states and has already transposed the amendment of the Seveso II Directive - Directive 2003/105/EC in parallel to the Member States. The major points of improvement are:

- further training and support in the field of the enforcement of the last amendment are needed.
- The administration responsible for the control will need further capacity building in order to fulfil the obligations under the new amendment of the Directive 96/82/EC.
- Special training addressed to the control authority is needed in order to perform and coordinate their control tasks as well as development of unified inspection scheme is necessary in view of the fact that “Seveso” legislation is a new legislation and in the inspection committees are involved different bodies (environmental inspectorates, Civil protection units, regional structures of ministry of health and of state agency for metrology and technical surveillance, regional fire brigades and local and district authorities)
- Harmonised risk assessment criteria are needed in order to ensure common evaluation criteria for the risk acceptability thus creating level playing field for the operators.
- Further training of operators is needed in order to contribute to increase the level of compliance to the requirements of the Directive, especially these introduced with the amending Directive 2003/105/EC.
- Training in the field of preparation of information for the public is required thus ensuring high level of protection of the public and increased public acceptance to the Seveso establishments.

4. Institutional Framework

The administrative unit at MoEW in charge with the co-ordination, the leading and the monitoring of the implementation process of the Seveso legislation (The “Operational control and management of the dangerous substances” Department within the “Co-ordination of Regional inspectorates for environment and water” Directorate at MoEW - up to 17 experts) are the beneficiaries of the project. It will be responsible for the implementation, in co-ordination with other competent authorities. All the competent and control authorities above mentioned will be involved in the implementation of the project.

5. Detailed Budget

<table>
<thead>
<tr>
<th>€</th>
<th>Transition Facility support</th>
<th>Co-financing</th>
<th>Total cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Investment</td>
<td>Institution Building</td>
<td>Total Transition Facility (=I+1B)</td>
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FINAL
<table>
<thead>
<tr>
<th>Twinning contract 1</th>
<th>630 000</th>
<th>630 000</th>
<th></th>
<th>630 000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service contract 2</td>
<td>52 500</td>
<td>52 500</td>
<td>17 500</td>
<td>70 000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>52 000</td>
<td>630 000</td>
<td>682 500</td>
<td>17 500</td>
</tr>
</tbody>
</table>

(*) contributions from National, Regional, Local, Municipal authorities, FIs loans to public entities, funds from public enterprises. All the co-financing is joint co-financing and will be provided from the state budget. The requested sum will be earmarked for the beneficiary institution in its budgetary appropriations for the year 2008-2009. In the case where the final overall cost is lower than foreseen in the project file, the national public and Transition Facility co-financing shall be reduced proportionally so as to maintain the agreed rate of co-financing. 

(**) private funds, FIs loans to private entities
Contributions from the Bulgarian administration for effective implementation of the twinning/twinning light/TA may be further detailed in the twinning contract/terms of references. To ensure smooth implementation of the project, the beneficiary will provide adequately equipped office space with telephone, PC (Internet) and fax. Photocopier and access to the necessary information as well as secretarial support will be ensured during the project life-time. In addition the beneficiary will provide space and facilities for workshops (training), consultations and seminars. The national co-financing will be specified in the twinning contract.

The national co-financing for the Twinning project should be up to 10% from the State budget through the national fund.

6. Implementation Arrangements

6.1 Implementing Agency

The CFCU will be the Implementing Agency responsible for tendering, contracting and accounting with assisting in good project design and implementation and procurement and payment rules. The CFCU (Ministry of Finance) is in charge of the contracting and financial management. The Secretary General of the Ministry of Finance will act as PAO of the project. Her contact details are:

Mrs Gergana Beremska
Secretary General – PAO
Ministry of Finance
102, Rakovski Str. 1000 Sofia, Bulgaria
Tel. +359 2 9859 2772; Fax +359 2 9859 2773

The Beneficiaries of the project will be the Ministry of Environment and Water.

6.2 Senior Programme Officer (SPO)

The responsible person for technical implementation of the project at the MoEW is:

Mr. Atanas Kostadinov - SPO
Deputy minister (SPO)
Ministry of Environment and Water
67, William Gladstone Str., 1000 Sofia, Bulgaria
Tel. +359 2 980 6728; Fax +359 2 980 9641
E-mail: AKostadinov@moew.govtment.bg

6.3 Twinning

The responsible person for twinning arrangement at the MoEW is:
BC Project Leader
The Bulgarian Project Leader shall direct the implementation of the project and shall be responsible for the substance and the progress of the project.

Mr Kalin Iliev
Head of “Coordination of the European Union Issues” Department
Ministry of Environment and Water
22, Maria Luisa Blv., 1000 Sofia, Bulgaria
Tel.: + 359 2 940 61 55 Fax: + 359 2 980 35 47
e-mail: kalin@moew.government.bg

BC Project implementation manager and RTA counterpart

RTA counterpart will work on a day-to-day basis with the RTA.

Mrs Svetla Krapcheva
Director of “Coordination of Regional inspectorates for environment and water” Directorate
Ministry of Environment and Water
67, William Gladstone Str., 1000 Sofia, Bulgaria
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e-mail: krap@moew.government.bg

Mr. Nikolay Savov
Chief Expert at “Operative control and management of dangerous substances” Department within
“Coordination of Regional inspectorates for environment and water” Directorate
tel. + 359 2 940 6019; Fax: + 359 2 980 33 17
e-mail: nsavov@moew.government.bg

Mrs. Conka Dryankova
Senior Expert at “Operative control and management of dangerous substances” Department within
“Coordination of Regional inspectorates for environment and water” Directorate
tel. + 359 2 940 6236; Fax: + 359 2 980 33 17
e-mail: tzonyd@moew.government.bg

6.4 Steering Committee

On behalf of Bulgarian Ministry of Environment and Water

Mrs Svetla Krapcheva
BC Project Leader
Director of “Coordination of Regional inspectorates for environment and water” Directorate
Ministry of Environment and Water
67, William Gladstone Str., 1000 Sofia, Bulgaria
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e-mail: krap@moew.government.bg

Mr Kalin Iliev
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Tel.: + 359 2 940 61 55 Fax: + 359 2 980 35 47
e-mail: kalin@moew.government.bg

Mr Shteryo Nojarov
The project implementation requires the provision of long and short-term senior twinning experts for the following periods:

<table>
<thead>
<tr>
<th>Category</th>
<th>No. of Experts</th>
<th>Duration of assignment (Man-month)</th>
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</thead>
<tbody>
<tr>
<td>Resident Twinning Advisor (RTA)</td>
<td>1</td>
<td>18 months</td>
</tr>
<tr>
<td>Short term experts</td>
<td>Up to 6 (upon agreement with the MS Twinning partner)</td>
<td>12 months</td>
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</tbody>
</table>

The RTA should have acquired at least 7 years of experience as a public sector expert in a relevant central administrative structure of a Member State (M.S.), and preferably at least three years’ experience in the organization of the practical application of the acquis communautaire. The RTA should have knowledge and/or experience in organizing the implementation of legislation on the control of industrial risks, risk analysis/assessment, relevant documentation and exchange of information, supplemented by skills in project management as well as ability to lead a process, communicate clearly and train staff. International practice and fluency in English are also required. Expertise in the enforcement of the relevant EU legislation would also be beneficiary.

The Project leader should be a high ranking official and have acquired at least 7 years of experience as a public sector expert senior civil servant in a relevant central administrative structure of a Member State (M.S.), commensurate with the requirement for an operational dialogue and backing at political level. Knowledge and/or experience in the relevant documentation and exchange of information, supplemented by skills in project management as well as ability to lead a process, communicate clearly may be useful. International practice and fluency in English are also required. Expertise in the development and implementation of the relevant EU legislation would also be beneficiary.

The RTA assistant should assist the RTA, short and medium term experts in order to contribute to the good progress of project. He/she has to provide management assistance (including standard office/secretarial activities), e.g. preparation, organisation and support to local actions and missions of Member state experts; interpretation, translation, training, meetings, workshops, seminars, etc. and in the administrative tasks involved when required. Establishing and maintaining on behalf of the project regular contacts with national and international experts, governmental and non-governmental organizations. The RTA assistant should have university degree in political sciences, economics, government, international relations, statistics, languages or another relevant specialisation, as well as professional experience in management and administration tasks in an international office. Excellent spoken and written command of English and computer skills.
The expertise of Member State short-term experts should cover the areas of industrial safety, Seveso inspections and related administrative procedures as public sector experts. Preferably they should be public servants with working experience in implementation and enforcement of the relevant legislation, including inspection of Seveso enterprises, evaluation of Seveso documentation (Safety management systems, Safety reports), risk evaluation and assessment techniques and industrial safety management.

6.5 Non-standard aspects

Not applicable

6.6 Contracts

The project will be implemented through 2 contracts:
- Contract I - Twinning contract - Twinning manual will apply for twinning component of this project.
- Contract II - Service contract – The public procurement procedures will be carried out in accordance with the national procurement rule and in particular public service contract listed in Annex 2, point 7 of national procurement law,

7. Implementation Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.1 January 2008</td>
<td>Start of tendering</td>
</tr>
<tr>
<td>7.2 May 2008</td>
<td>Start of project activity</td>
</tr>
<tr>
<td>7.3 January 2010</td>
<td>Project completion</td>
</tr>
</tbody>
</table>

The whole project duration is 18 calendar months. Activities are planned to start in the second quarter of 2008.

8. Sustainability

The administrative unit at the MoEW which will be in charge is the “Operational control and management of the dangerous substances” Department within the “Co-ordination of Regional inspectorates for environment and water” Directorate. 17 experts work in the directorate and 10 of them will be directly involved in this project. They will work in close cooperation with other competent and control authorities as well in order to achieve an effective implementation and enforcement of the requirements of 2003/105/EC Directive, amending Directive 96/82/EC Seveso II on major accidents hazards involving dangerous substances.

In order to ensure sustainability the experts participating in the study visits will compile a report that will be distributed within the administration and train the colleagues on the newly acquired skills as appropriate. The experience gained from the study visits will be reflected in the further training of the experts and will be used while preparing the guidance notes foreseen.

9. Conditionality and sequencing

The transposition of the Directive 2003/105, amending Seveso II Directive has been finalized by the adoption of the amendment of Chapter 7, Section 1 of the Environmental Protection Act in September 2005 and the Regulation on the prevention of major accidents involving dangerous substances and limitation of their consequences adopted in may 2006 and amending the Regulation on the conditions and procedure for issuing of permits for construction and operation of new establishments or installations and for operation of existing establishments and installations implementing a system for the prevention of major accidents involving dangerous substances or the limitation of their consequences. The transposed amendment Directive 2003/105/EC is a precondition for the TW contract signature in order to implement and enforce its provisions.
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 programme (including disbursement period) (compulsory)
4. List of relevant Laws and Regulations (optional)
## LOGFRAME PLANNING MATRIX FOR

### Project

<table>
<thead>
<tr>
<th>Contracting period expires: 15 December 2009</th>
<th>End of execution of contract period: 15 December 2010</th>
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<tbody>
<tr>
<td>TF: 682 500 euro</td>
<td>Total budget: EURO 700 000</td>
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</table>

### Overall Objective(s)

The overall objective of this project is to prevent pollution from major industrial accidents by assisting the Republic of Bulgaria in achieving an effective implementation and enforcement of the requirements of 2003/105/EC Directive, amending Directive 96/82/EC Seveso II Directive through improving administrative framework and institutional capacities as well as to support the operators of Seveso establishments in development of an effective safety management system.

### Project Purpose

The objective is to strengthen the administrative and control capacities of the relevant Bulgarian authorities regarding the implementation and enforcement of the SEVESO II Directive on control of major-accident hazards involving dangerous substances, including its amendment directive. This would be achieved through training activities (workshops, hands-on and pilot exercises, guidance notes and support documentation) and by developing and supply of technical means in order to fulfil the core requirements of the Directive.

<table>
<thead>
<tr>
<th>Objectively Indicators</th>
<th>Verifiable Indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
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<tbody>
<tr>
<td>Strengthened capacity of the competent and control authorities (staff from the relevant bodies trained) Establishing of programmes for inspection Uniformed criteria and Guidance for the technical assessment of the Seveso documentation Uniformed criteria and software for risk assessment available and distributed to the competent authorities Enhanced operator capacity in the area of public information</td>
<td>An effective inspection system in place is established and a staff is well trained and having know-how performing their responsibilities, as well as technical support is provided.</td>
<td>MoEW Project Reports under the Twinning</td>
<td>• Co-operation among stakeholders • Political commitment to follow the Roadmap communicated by the Commission to the Council and the European parliament as stated in 2.3</td>
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07/11/2007
<table>
<thead>
<tr>
<th>Results</th>
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</thead>
<tbody>
<tr>
<td>1. Strengthened and experienced staff responsible for evaluation of the</td>
<td>- Number of staff trained from the competent authorities (Ministry</td>
<td>MoEW Twinning reports</td>
<td>Twinning contract prepared without delay</td>
</tr>
<tr>
<td>documentation submitted by the operators.</td>
<td>of Environment and Water, Civil protection Agency, National Fire</td>
<td>Independent Monitoring Reports</td>
<td>Adequate expertise is provided</td>
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<td></td>
<td>brigade, Ministry of Health, State Agency for metrology and</td>
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<td>Effectiveness and professionalism of all concerned</td>
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<td></td>
<td>technical surveillance, representatives of 28 district</td>
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<td></td>
<td>authorities and representatives of the municipalities, where</td>
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<tr>
<td></td>
<td>seveso establishments are located)Series of workshops and training</td>
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<td></td>
<td>exercises for the public administration organized by the</td>
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<td></td>
<td>15-th month of the project.</td>
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<td></td>
<td>- Uniformed criteria are set up and Guidance for the technical</td>
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<tr>
<td></td>
<td>assessment of the seveso documentation is available for the</td>
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<tr>
<td></td>
<td>officials involved in evaluation process is issued by month 13 of</td>
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<td></td>
<td>the project.</td>
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<tr>
<td></td>
<td>- Guidance on seveso inspections in order to facilitate the</td>
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<tr>
<td></td>
<td>control bodies available by month 13 of the project.</td>
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<tr>
<td>2. Guidance for the technical assessment of the documentation</td>
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<tr>
<td>submitted by the Seveso operators.</td>
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<tr>
<td>3. Guidance establishing a fully operational inspection scheme for the</td>
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<tr>
<td>sites under the scope of the Directive 2003/105/EC, amending Seveso II</td>
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<tr>
<td>Directive,</td>
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</table>
adapted to the specific situation for implementation in Bulgaria.

4. The control bodies carry out effective on-site inspections of the operators checking the compliance with the requirements set and prescriptions given by the competent authorities.

5. Technical guidance materials on different quantitative and qualitative risk assessment methods and development of software for risk assessment, which will unify the risk assessment techniques used in the practice and supporting the decision-making process.

- 15 inspection committees including representatives of all control bodies will be trained in order to carry-out effective on-site inspections. Development and endorsement of an effective inspection system taking into account the recommendations of European Parliament on minimum criteria for inspections by month 16 of the project.

Guidance on selected qualitative and quantitative risk assessment methods adapted to the Bulgarian situation for the officials and the Seveso operators as well as software for risk assessment available and distributed by the end of month 16 of the project.

6. Electronic database of all Seveso substances covered by Annex I of Directive 96/82/EC and amending Directive 2003/105/EC, which will support the competent and control authorities in fulfilling their responsibilities and will

Electronic database of all Seveso substances available for the competent and control authorities and for industry in order to facilitate the fulfilling of the obligations they have according to the national legislation by the
help the industry being in compliance with national legislation.

7. Knowledgeable and experienced industry in preparing leaflets and/or brochures containing information on safety measures and on the requisite behaviour in the event of an accident and further supplying to all persons liable to be affected by a major accident.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Means</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>The following twinning activities are foreseen (see detailed Workplan, Art. 6):</td>
<td>Twinning contract and Service contract</td>
<td>• Regular progress reports as well as the same measures as used for the outputs above.</td>
</tr>
<tr>
<td>1. Strengthening of the administrative structures by carrying out of number of workshops and training sessions for different competent authorities on evaluation of the documents submitted by the operators covered by Seveso legislation. This is a key requirement under the Directive laid down in Art. 9(3).</td>
<td></td>
<td>Co-operation amongst the Competent Authorities Adequate expertise and training provided</td>
</tr>
<tr>
<td>2. Set up of uniform criteria for the technical assessment of the documentation submitted by the Seveso operators, developed and provided for the officials involved in the implementation of the Seveso legislation. Since the documentation is a complex combination of organizational, management and technical measures, proper expertise from the relevant competent authorities within the boundaries of their competencies is required.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Preparation and implementation of a training programme including representatives of the various control bodies at regional level, involved in the process of inspection of Seveso facilities. The inspections of the Seveso establishments are a key point in the overall implementation of the legislation and are defined in Art. 18 of the Directive. It requires planned and systematic examination of the accident prevention, control and response systems being employed at the establishment, whether of a technical, organizational or</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
managerial nature. The fulfilment of these requirements can be achieved by:

- Hands-on exercises on planning, preparation, performing, reporting and follow-up of Seveso inspections.
- Pilot exercise for performing on-site inspections of four establishments covered by Seveso legislation.

4. Elaboration of guidance establishing a fully operational inspection scheme developed according to the minimum criteria for inspections for the sites under the scope of the Directive 2003/105/EC.

5. Identification of different qualitative and quantitative risk assessment methods and elaboration of guidance containing selected risk analysis methods adequate to the Bulgarian establishments as well as development of software tools for quantitative risk assessment. The risk assessment studies are required by the Directive (Annex III) and represent one of the key parts of the Safety reports. The software tools will enable the harmonization of the risk assessment, prepared according the Bulgarian and EU legislation. It will ensure the introduction of a harmonised approach in the assessment of the documentation and will ultimately enhance the administrative capacity of the competent authorities. This Activity will be financed by a service contract.

6. Development and installation of electronic database of the Seveso substances covered by the Annex I of Seveso II Directive and its amendment – Directive 2003/105/EC, including their relevant properties and endpoints. The database will ensure uniformed approach towards the classification of the establishments and the risk assessment, since it will harmonise the information about the hazard endpoints for the different dangerous substances. This Activity will also be financed by the service contract.

7. Elaboration of exemplary leaflets and/or brochures containing information on safety measures and on the requisite behaviour in the event of an accident, which to be spread over the Seveso operators.

8. CD-ROM and www documentation

9. Study tour(s) to Member States


**ANNEX 2.**

**IMPLEMENTATION CHART**

The project's time schedule is given below:

<table>
<thead>
<tr>
<th>Tasks</th>
<th>Months</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Kick-off meeting</strong></td>
<td>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18</td>
</tr>
<tr>
<td>1. Strengthening of the administrative structures by carrying out of number of workshops and training sessions for different competent authorities on evaluation of the documents submitted by the operators covered by Seveso legislation. This is a key requirement under the Directive laid down in Art. 9(3).</td>
<td></td>
</tr>
<tr>
<td>2. Set up of uniform criteria for the technical assessment of the documentation submitted by the Seveso operators, developed and provided for the officials involved in the implementation of the Seveso legislation. Since the documentation is a complex combination of organisational, management and technical measures, proper expertise from the relevant competent authorities within the boundaries of their competencies is required.</td>
<td></td>
</tr>
<tr>
<td>3. Preparation and implementation of a training programme including representatives of the various control bodies at regional level, involved in the process of inspection of Seveso</td>
<td></td>
</tr>
</tbody>
</table>

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facilities. The inspections of the Seveso establishments are a key point in the overall implementation of the legislation and are defined in Art. 18 of the Directive. It requires planned and systematic examination of the accident prevention, control and response systems being employed at the establishment, whether of a technical, organizational or managerial nature. The fulfilment of these requirements can be achieved by:

➤ Hands-on exercises on planning, preparation, performing, reporting and follow-up of Seveso inspections.
➤ Pilot exercise for performing on-site inspections of four establishments covered by Seveso legislation.

4. Elaboration of guidance establishing a fully operational inspection scheme developed according to the minimum criteria for inspections for the sites under the scope of the Directive 2003/105/EC.

5. Identification of different qualitative and quantitative risk assessment methods and elaboration of guidance containing selected risk analysis methods adequate to the Bulgarian establishments as well as development of software tools for quantitative risk assessment. The risk assessment studies are required by the Directive (Annex III) and represent one of the key parts of the Safety reports. The software tools will enable the harmonization of the risk assessment,
prepared according the Bulgarian and EU legislation. It will ensure the introduction of a harmonised approach in the assessment of the documentation and will ultimately enhance the administrative capacity of the competent authorities.

6. Preparation and supply of electronic database of the Seveso substances covered by the Annex I of Seveso II Directive and its amendment - Directive 2003/108/EC, including their relevant properties and endpoints. The database will ensure uniformed approach towards the classification of the establishments and the risk assessment, since it will harmonize the information about the hazard endpoints for the different dangerous substances.

7. Elaboration of exemplary leaflets and/or brochures containing information on safety measures and on the requisite behaviour in the event of an accident, which to be spread over the Seveso operators.

8. CD-ROM and www documentation

9. Study tour(s) to Member States

<table>
<thead>
<tr>
<th>Reports</th>
<th>R1</th>
<th>R2</th>
<th>R3</th>
<th>R4</th>
<th>R5</th>
<th>FR</th>
</tr>
</thead>
</table>

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### ANNEX 3.

#### CUMULATIVE CONTRACTING and DISBURSEMENT SCHEDULE (Million euro)

<table>
<thead>
<tr>
<th>Date</th>
<th>01/03/08</th>
<th>31/06/08</th>
<th>31/09/08</th>
<th>30/12/08</th>
<th>01/03/09</th>
<th>30/06/09</th>
<th>31/09/09</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Twinning contract</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contracted</td>
<td>0.63</td>
<td>0.63</td>
<td>0.63</td>
<td>0.63</td>
<td>0.63</td>
<td>0.63</td>
<td>0.63</td>
</tr>
<tr>
<td>Disbursed</td>
<td>0.504</td>
<td>0.504</td>
<td>0.504</td>
<td>0.504</td>
<td>0.504</td>
<td>0.504</td>
<td>0.63</td>
</tr>
<tr>
<td><strong>Service contract</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contracted</td>
<td>0.07</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disbursed</td>
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<td>0.042</td>
<td>0.042</td>
<td>0.063</td>
<td>0.063</td>
<td>0.063</td>
<td>0.07</td>
</tr>
<tr>
<td><strong>Total Contracted</strong></td>
<td>0.70</td>
<td></td>
<td></td>
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<tr>
<td><strong>Total Disbursed</strong></td>
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<td>0.546</td>
<td>0.546</td>
<td>0.567</td>
<td>0.567</td>
<td>0.567</td>
<td>0.7</td>
</tr>
</tbody>
</table>

(*) The national co-financing for the Twinning project should be up to 10% from the State budget through the national fund.

07/11/2007
ANNEX 4

List of relevant laws and regulations

1. Environmental Protection Act of 2002, chapter 7 ("Prevention of Major Industrial Accidents")
2. Regulation on the prevention of major accidents involving dangerous substances and the limitation of their consequences

Prepared by the Ministry of Environment and Water, no external consultants were involved.