STANDARD SUMMARY PROJECT FICHE

1. Basic Information

1.1 CRIS Number: 2005/01/-462.06.01

1.2 Title: Improvement of the management of institutional radioactive waste in Slovenia

1.3 Sector: Energy and Environment

1.4 Location: Slovenia

2. Objectives

2.1 Overall Objective(s):

Development of the technical expertise of the Slovenian National Agency for Radwaste Management (ARAO)

2.2 Project purpose:

The completion of the characterisation, sorting, re-packing and conditioning of institutional radioactive waste in the Central Interim Storage Facility (CISF) in Brinje will assure basic data for proper future management of the waste and adequate packaging unit of these waste for CISF. This will enable the fulfillment of the requirements of the Slovenian safety authorities to get licence for a full operation of the CISF.

2.3 Justification

‘EU energy policy objectives include the improvement of competitiveness, security of energy supplies and the protection of the environment. The energy acquis consists of rules and policies, notably regarding competition and state aids (including in the coal sector), the internal energy market (for example, opening up of the electricity and gas markets, promotion of renewable energy sources, crisis management and oil stock security obligations), nuclear energy and energy efficiency. This chapter also covers important aspects of the safety of nuclear installations.’

Comprehensive Monitoring Report (Chapter 14 - Energy) states that in the field of nuclear energy and nuclear safety, Slovenia meets the commitments and requirements arising from the accession negotiations and is in a position to implement the Euratom acquis as from the date of accession. During the accession negotiations, Slovenia committed itself to providing further information on measures to implement the recommendations contained in the Council Report on Nuclear Safety in the Context of Enlargement of June 2001. Slovenia provided such information in December 2001, and in March and June 2002. In June 2003, Slovenia submitted comprehensive additional information covering recent progress regarding all recommendations, including the de jure independence of its nuclear regulatory authority SNSA from the promotion of nuclear energy, Slovenia should continue to pay
attention to further strengthening the capacity of its radioactive waste management agency ARAO.’

3. Description

3.1 Background and justification:

By Governmental Decree (Official Gazette of the RS, No. 32/99) of May 1999, the Slovenian National Agency for Radwaste Management (ARAO) was assigned the task to manage institutional radioactive waste from the collection at users’ premises up to storage in the CISF and eventually to a disposal facility. By this decree ARAO became also the operator of the CISF which is located at Brinje near Ljubljana. The CISF started operation in 1986.

In 1999, the Slovenian nuclear safety authority (SNSA) requested ARAO to perform refurbishing works in the CISF in order to reinforce and tighten the building on the one hand, and to characterise and condition radioactive waste in store in the other hand. Refurbishing works executed on the building were completed in May 2004. The implementation of a waste characterisation and conditioning programme required a specific expertise that ARAO does not have yet.

For this reason ARAO benefitted from the support of the PHARE nuclear safety programme in 2002 which led to the launching of a project in late 2004 that is entitled « Characterisation of Institutional Low and Intermediate Level Radioactive Waste in the CISF in Slovenia ».

However this project only addresses one third of the total inventory of radioactive waste stored in the CISF. In particular radioactive waste under the form of bulky material which occupies a significant surface of the CISF will not be processed.

Characterisation and conditioning of this waste and other types of waste requires expertise that ARAO staff does not have yet. In this context further technical assistance is needed.

It is worth noting that the Council Directive 2003/22/EURATOM requires that disused sealed radioactive sources (which are part of the waste inventory currently in store in the CISF) are stored in recognised installations. This objective can be met in Slovenia only when SNSA has granted an operating licence to ARAO, hence once the CISF has been fully refurbished. Therefore the implementation of the project will enable Slovenia to meet the requirements of this Council Directive.

3.2 Linked activities:

- In 1999 ARAO contributed to the EC-funded study entitled «Management of Spent-Sealed Radioactive Sources in Central and Eastern Europe» (C3/ETU/970094).
  - Objective of the project: ARAO was the consultant for Slovenia.
  - Status of the project: Finished in March 2000
  - Budget: 15,000 EUR
  - Results: Agreement No. 16700140 between AEA Technology and ARAO; Completed questionnaire for management of spent-sealed radioactive sources in Slovenia. The report is
available on the website of the European Commission (DG TREN).

- In 2001 treatment and conditioning of spent sealed radium sources in store in the CISF was performed in cooperation with the IAEA (IAEA Project INT 4/131/83).
  
  o Objective of the project: Characterisation of radium spent sealed sources inventory and reduction of volume of radioactive waste (spent sealed radium sources) in the storage by proper repacking which will be according to defined acceptance criteria for the storage. The objective in this case was also to give the team the experience gained in carrying out such an operation without the use of sophisticated tools and equipment that may be available.
  
  o Status of the project: Finished in July 2001
  o Budget: 480.000 ATS
  o Results: “Report on the Radium conditioning operation in Slovenia”, Austrian research centres Seibersdorf, July 2001; Volume of radioactive waste in the storage by proper repacking was reduced. ARAO got exact characterisation of radium spent sealed sources inventory.

- In 2002 cobalt spent sources were repacked and inserted into two drums with concrete lining (ARAO – T1612-2).
  
  o Objective of the project: Reduction of volume of radioactive waste (cobalt spent sources) in the storage by proper repacking which will be according to defined acceptance criteria for the storage.
  
  o Status of the project: Finished in May 2003
  o Budget: 50.000 EUR
  o Results: “Final report of repacking of cobalt sources in CISF”, Institute Jozef Stefan, May 2003 (IJS-DP-8767); volume of radioactive waste in the storage by proper repacking was reduced.

- In 2004 the PHARE project entitled «Characterisation of Institutional Low and Intermediate Level Radioactive Waste in the CISF in Slovenia» (European Aid/11901/D/SV/SI) was contracted. This contract should terminate in May 2006.
  
  o Objective of the project: Characterisation of Institutional Low and Intermediate Level Radioactive Waste in the CISF in Slovenia.
  
  o Status of the project: On-going, expected to be finished in May 2006.
  o Budget: 320.000 EUR
  o Results: “Service contract for European community external actions” between ARAO and IRE Belgium (6404703-01-01-0001); “Inception report”, May 2005 (Pharee number: SL 632.10.03

3.3 Results:
1) Completion of the characterisation, repackaging and rearrangement of the institutional waste in the CISF
2) Repackaged radioactive waste into new packages
3) Updated ARAO database on institutional radioactive waste
4) Increased expertise of ARAO personnel
5) Decreased volume of stored waste and conversely increasing of the storage capacity of the CISF
6) Licensing of the CISF for full use as storage facility

3.4 Activities:

1) Concerning the completion:
   - Preparation of action plans for managing waste items in the CISF
   - Preparation of working procedure for waste items
   - Assessment of radiation protection and environmental impact
   - Preparation of documents needed for obtaining the licences and approval of regulatory bodies for project implementation
   - Preparation of working areas
   - Radiation protection and environmental monitoring
   - Implementation of action plans involving waste inventory, characterisation, segregating, dismantling, repackaging and conditioning of radioactive waste

2) Concerning the new packages
   - Preparation of technical specification for new packages for bulky items group
   - Purchase and supply of new drums

3) Concerning the updated ARAO database
   - Adjustment of the present inventory database to the real new waste status

4) Concerning increased expertise of ARAO personnel
   - Training of ARAO personnel

5) Concerning decrease volume of stored waste
   - Discarding of the waste components that are below regulatory control

6) Concerning licensing of the CISF
   - Preparation of Final report about results of characterisation, segregating, dismantling, repackaging and conditioning campaigns of radioactive waste

3.5 Lessons learned:

The lessons learned from the previous EU projects are mainly related with the preparation of the necessary documentation and getting the practical skills about radioactive waste management.

- The EC-funded study entitled «Management of Spent-Sealed Radioactive Sources in Central and Eastern Europe» (C3/ETU/970094). Slovenia got the first overview on the situation of the management of spent sealed sources in Slovenia and also in other central and Eastern Europe countries.
- Treatment and conditioning of spent sealed radium sources in store in the CISF (IAEA Project INT 4/131/83). From the Austrian experts ARAO staff learned how to deal with spent sealed sources on purpose of repacking. ARAO staff was trained for particular skills. The objective in this case was also to give the team the experience
gained in carrying out such an operation without the use of sophisticated tolls and equipment that may be available.

- Repacking of cobalt sources in CISF (ARAO – T1612-2). From the contractors experts ARAO staff learned how to deal with cobalt spent sealed sources and how to perform the measurements.

- «Characterisation of Institutional Low and Intermediate Level Radioactive Waste in the CISF in Slovenia» (European Aid/11901/D/SV/SI). Till now the lessons learned from this project has been mainly related with the preparation of the necessary documentation. Special advisors took part in the preparation of certain documentation and contracts with the aim to improve necessary documentation.

In 1999 ARAO contributed to the EC-funded study entitled « Management of Spent-Sealed Radioactive Sources in Central and Eastern Europe ». The report is available on the website of the European Commission (DG TREN). This report is being up-dated.

In 2001 treatment and conditioning of spent sealed radium sources in store in the CISF was performed in cooperation with the IAEA (IAEA Project INT 4/131/83).

In 2002 cobalt spent sources were repacked and inserted into two drums with concrete lining (ARAO – T 1612-2)

In 2003 the second part of a report prepared by the IAEA which is dealing with management of institutional radioactive waste and notably on waste treatment and conditioning at the CISF at Brinje was performed.

In late 2004 the above-mentioned PHARE project entitled «Characterisation of Institutional Low and Intermediate Level Radioactive Waste in the CISF in Slovenia » was contracted. This contract should terminate in May 2006.

4. Institutional Framework

The Agency for Radwaste Management (ARAO) is a public institution established in 1991 by the Slovene government. Its objective is to provide the basic condition for assuring safe and environmentally acceptable way of permanent disposal of radioactive waste in Slovenia.

By Governmental Decree on the Mode, Subject and Terms of Performing Public Service of Radioactive Waste Management (Official Gazette of the RS, No. 32/99) of May 1999, ARAO was assigned to perform the public service of radioactive waste management from small producers. By this decree the ARAO became also the operator of the Central Interim Storage Facility intended for storage of radioactive waste arising from medical, industrial and research applications including sealed sources. The facility is located at the Reactor Centre in Brinje near Ljubljana.

ARAO activities are financed by the state budget, by the Fund for the decommissioning of the NPP Krško and the disposal of radioactive waste from NPP Krško and also by charging the small producers when their waste are accepted to the Central Interim Storage Facility.
5. Detailed Budget

<table>
<thead>
<tr>
<th>€</th>
<th>TF Support</th>
<th>Co-financing</th>
<th>Total cost (TF plus cofinancing)</th>
</tr>
</thead>
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<tr>
<td></td>
<td>Investment Support</td>
<td>Institution Building</td>
<td>(=I+IB) National Public Funds*</td>
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<td></td>
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<tr>
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<td>305,000</td>
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<tr>
<td>Total</td>
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</tr>
<tr>
<td></td>
<td>18,5%</td>
<td>56,5%</td>
<td>75%</td>
</tr>
</tbody>
</table>

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

National co-financing is provided from the national budget via responsible ministry and ARAO.

6. Implementation Arrangements

6.1 Implementing Agency
CFCU, Ministry of Finance
Beethovenova 11
SI-1000 Ljubljana, Slovenia

Responsible person
Mr. Peter Škofič, PAO
Tel: +386 1 478 6203
Fax: +386 1 478 6204
E-mail: peter.skofic@mf-rs.si

Contracting Authority
ARAO - Agency for Radwaste Management
Parmova 53, SI-1000 Ljubljana
Tel: +386 1 236 3211, +386 1 236 3217
Fax: +386 1 236 3230

Responsible person
Prof.dr. Miran Veselič, Director
Tel: +386 1 336 3210
Fax: +386 1 336 32 30
E-mail: miran.veselic@gov.si

Project manager
Ms. Marija Fabjan, Head of Facility Operations Section
Tel: +386 1 236 3217
Fax: +386 1 236 3230
6.2 Twinning
   Not applicable

6.4 Contracts
   There will be a non-standard aspect contract in total amount of 0.405 million EUR covered by the Transition Facility project.

7. Implementation Schedule

7.1 Start of tendering/call for proposals
   November 2005

7.2 Start of project activity
   May 2006 but at least 2 months before the expiry date of the contracting period

7.3 Project Completion
   24 months after the start of the project, or at least 2 months before the expiry date of the disbursement period of the Financing Memorandum

8. Equal Opportunity

   Equal opportunities policy will be fully respected in the selection of experts.

9. Environment

   The aim of this project is partly administrative and partly practical. All practical operations should be planned and carried out carefully. Also suitably qualified and experienced personnel are required to perform the practice. An assessment of the radiation protection should be prepared to analyze that the protection of the exposed workers, the public and the environment is ensured during the operations and to asses the potential effects of incidents and accidents. The assessment of the radiation protection should demonstrate compliance with national regulatory requirements and provide a basis for the regulatory bodies to review and approve the particular practices. The assessment should be carried out before irrevocable decisions are made regarding a waste management project and should cover all phases of the project. These measures should be ensured that there are no significant adverse effects on the environment. Therefore the screenings and reports will be necessary due to the nature of this project as an integral part of the reports.

10. Rates of return

   Not applicable.

11. Investment criteria

   11.1 Catalytic effect:
   The key objective of this project is to improve Slovenian public service for radioactive waste management. Slovenia has to meet EU principles and practices concerning the capability of public service regarding the organisation, equipment and other sorts of technical capabilities. This activity
is very important for Slovenian nuclear field (financially and regarding know-how). Therefore the project support will be very welcome and will help in future development.

11.2 Cofinancing:
National budget via responsible ministry and ARAO will contribute up to 25 percent of the costs and additionally VAT, as applicable.

11.3 Additionality:
Not applicable.

11.4 Project readiness and Size:
Not applicable.

11.5 Sustainability:
Undertake the detailed characterisation, repackaging and rearrangement of the existing institutional radioactive waste in the CISF in Brinje that will ensure input for its subsequent management in accordance with the current Slovenian regulation, which also comply with EU norms and standards and be in line with EU sector policy acquis. The management of the radioactive waste and the operation of the CISF in Brinje are the integral part of public service for radioactive waste management. Concerning the fact that public service is officially established by the government it can be expected that the government will fulfil the conditions for its sustainability in the long-term because it is responsible for the operation of public service. Therefore future maintenance and operating costs will be covered by the ARAO, which is the state owned public agency.

11.6 Compliance with state aids provisions
The investments will be performed in accordance with the EU rules on state aids.

12. Conditionality and sequencing

The project activities are planned to start and perform consecutively.

Therefore the important milestone of the project is the preparation of the documents needed for obtaining the licences and approval of regulatory bodies for project implementation. The documentation will be prepared by the contractor. This plan will form the basis for all future works.

All activities will be performed by contractor experts and the ARAO public service staff.

The project results can be achieved when following conditions are met:

- carefully prepared detailed action plans for all waste groups in CISF in Brinje of the project,
- obtained licences from regulatory bodies,
- available all requirements for the safe utilization of waste and management of waste
- close cooperation of contractors working groups and the ARAO public service staff,
- well informed and educated ARAO public service staff regarding the implementation of practices.
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. 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)
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)
Annex 4: Reference to feasibility/prefeasibility studies

As the new operator of the CISF the ARAO prepared several basic documents for refurbishment and modernisation of the current conditions of the storage facility itself and the stored inventory of the institutional waste. In July 2000 the Plan for arrangement of the inventory was prepared (Plan for arrangement of the inventory No. DP 1008/00, Institute of Occupational safety, July 2000).

In October 2001 project documentation (Project documentation No. 40-138-00/01, Hidroinženiring d.o.o., October 2001) for renewal of electric installations, water supply and sewage system, ventilation system, the improvements of the fire protection and remediation of minor defects discovered in building was completed according to Act on construction. The reconstruction work was finished in the end of April 2004 (Project ARAO-T-1613-1). Together with the above mentioned project documentation ARAO also prepared the Safety report for the CISF which describes the aspects of safety status and requirements during its operation. The analysis that is presented in document shows that no normal or emergency situations can be expected that could lead to a radiological influence exceeding legally defined limits for workers, the public and the environment.
Annex 5: List of relevant Laws and Regulations


- The Environmental Protection Act (Off.Gaz.RS 32/93 and 1/95)
- Decree on Restructuring of the Agency for Radwaste Management (Off.Gaz.RS 5/91, 45/86)
- Decree on the Mode, Subject and Terms of Performing Public Service of Radioactive Waste management (Off.Gaz.RS, 32/1999)
- UV2- Decree on Dose Limits, Radioactive Contamination and Intervention Levels (Off.Gaz.RS, 49/2004)
- Regulation on Organizations within the Ministries (Off.Gaz.RS, 58/2003)
- Regulation on Education, Health Conditions and Medical Examinations of People who are Allowed to Work with Radioactive Sources (Off.Gaz.SFRY 40/86)
- SV3- Regulation on the Conditions for the Use of Radiation Sources in Health Care (Off.Gaz.RS, 111/2003)
- SV4- Regulation on Method to be Used for Administering the Data on Personal Doses of Ionizing Radiation Exposed Workers (Off.Gaz.RS, 33/2004)
- SV6- Regulation on Carried Out the Medical Surveillance of Exposed Workers (Off.Gaz.RS, 2/2004)
- SV8- Regulation on Obligations of a Person Carrying Out a Radiation Practice and a Person in Possession of Radiation Source (Off.Gaz.RS, 13/2004)
- Z3- Regulation on the Mode of Collection, Accounting, Processing, Storing, Final Disposal and Release of Radioactive Waste Into the Environment (Off.Gaz.SFRY 40/86)
- Z4- Regulation on Putting on the Market and Using Radioactive Materials, Which Activity Exceeds Certain Limits, X-ray and Other Equipment, that Produce Ionising Radiation and on Measurements for Protection Against these Sources (Off.Gaz.SFRY 40/86)
- Z10- Regulation the Mode of Keeping Evidence of Sources of Ionising Radiation and Irradiation of Population and those that Work with Sources of Ionising Radiation (Off.Gaz.SFRY 40/86)
- The provision of the SNSA No.392-04799-1-22907.io, from 14.09.1999
- The Safety Report No.: ARAO-1623/03, July 2003
Annex 1: TF log frame

<table>
<thead>
<tr>
<th>LOGFRAME PLANNING MATRIX FOR Project</th>
<th>Programme name and number</th>
<th>Date of drafting: January 2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improvement of the management of institutional radioactive waste in Slovenia</td>
<td>Contracting period expires</td>
<td>Disbursement period expires</td>
</tr>
<tr>
<td>Total budget: 0.540 million Euro</td>
<td>TF budget: 0.405 million Euro</td>
<td></td>
</tr>
</tbody>
</table>

<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>Development of the technical expertise of the Slovenian National Agency for Radwaste Management (ARAO)</td>
<td>- raised the level of technical expertise of the ARAO by end of June 2008</td>
<td>- Final project report</td>
<td>- Effective cooperation with ARAO staff</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Overall purpose</th>
<th>Objectively verifiable indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>The completion of the characterisation, sorting, re-packing and conditioning of institutional radioactive waste in the Central Interim Storage Facility (CISF) in Brinje will assure basic data for proper future management of the waste and adequate packaging unit of these waste for CISF. This will enable the fulfillment of the requirements of the Slovenian safety authorities to get licence for a full operation of the CISF.</td>
<td>- Getting licence for a full operation of the CISF by end of year 2008</td>
<td>- Final project report</td>
<td>- Obtained licences from regulatory bodies.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Results</th>
<th>Objectively verifiable indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Completion of the characterisation,</td>
<td>The new waste packages which</td>
<td>- Regulatory bodies grant</td>
<td></td>
</tr>
</tbody>
</table>
repacking and rearrangement of the institutional waste in the CISF

2. Repackaged radioactive waste into new packages

3. Updated ARAO database on institutional radioactive waste

4. Increased expertise of ARAO personnel

5. Decreased volume of stored waste and conversely increasing of the storage capacity of the CISF

6. Licensing of the CISF for full use as storage facility

<table>
<thead>
<tr>
<th>Activities</th>
<th>Means</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Concerning the completion</td>
<td>The licence and approval of regulatory bodies for the new waste packages and project implementation by the end of February 2008</td>
<td>Monthly reports</td>
</tr>
<tr>
<td>- preparation of action plans for managing bulky items in the CISF</td>
<td>Performing necessary measurements</td>
<td>Waste package form for each package unit produced between the March and the end of April 2008</td>
</tr>
<tr>
<td>- preparation of working procedure for bulky items</td>
<td></td>
<td>Technical manual, relevant technical material and engineering drawings</td>
</tr>
<tr>
<td>- assessment of radiation protection and environmental impact</td>
<td></td>
<td>Dosimetry report form</td>
</tr>
<tr>
<td>- preparation of documents needed for obtaining the licences and approval of regulatory bodies for project implementation</td>
<td></td>
<td>Monitoring radioactivity in the</td>
</tr>
<tr>
<td>- preparation of working areas</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

licences and approvals for the new waste packages and project implementation

- New drums are timely purchased and supplied
- Waste packages are timely characterised and repacked
1. Radiation protection and environmental monitoring
   - Implementation of action plans involving waste inventory, characterisation, segregating, dismantling, repackaging and conditioning of radioactive waste

2. Concerning the new packages
   - Preparation of technical specification for new packages for bulky items group
   - Purchase and supply of new drums

3. Concerning the updated ARAO database.
   - Adjustment of the present inventory database to the real new waste status

4. Concerning increased expertise of ARAO personnel
   - Training of ARAO personnel

5. Concerning decrease volume of stored waste
   - Discarding of the waste components that are below regulatory control

6. Concerning licensing of the CISF
   - Preparation of Final report about

<table>
<thead>
<tr>
<th>Environment form</th>
<th>Packages information form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptance packages form in the CISF</td>
<td></td>
</tr>
<tr>
<td>results of characterisation, segregating, dismantling, repackaging and conditioning campaigns of radioactive waste</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Preconditions</strong></td>
<td></td>
</tr>
<tr>
<td>Set of clearly defined criteria for selection of projects eligible for the Programme; Well developed working relationship between ARAO and selected contractor.</td>
<td></td>
</tr>
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</table>
## ANNEX 2: Implementation time chart

<table>
<thead>
<tr>
<th>Non standard aspects</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
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<tr>
<td>J F M A M J J A S O N D</td>
<td>X X X X X X X X X X X X X X X X X X X X X X X</td>
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*Draft Version May 2005*
Annex 3: Contracting schedule (sheet 1)

Improvement of the management of institutional radioactive waste in Slovenia
Desiree No:

<table>
<thead>
<tr>
<th>CUMULATIVE CONTRACTING SCHEDULE  (EUR million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
</tr>
<tr>
<td>Non-standard aspects</td>
</tr>
<tr>
<td>TOTAL</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)

Improvement of the management of institutional radioactive waste in Slovenia
Desiree No:

CUMULATIVE DISBURSEMENT SCHEDULE  (EUR million)

<table>
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<th>Date</th>
<th>6/30/05</th>
<th>9/30/05</th>
<th>12/31/05</th>
<th>3/31/06</th>
<th>6/30/06</th>
<th>9/30/06</th>
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</table>

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

**Improvement of the management of institutional radioactive waste in Slovenia**

**Desiree No:**

### CUMULATIVE CONTRACTING and DISBURSEMENT SCHEDULE (EUR million)

<table>
<thead>
<tr>
<th>Date</th>
<th>6/30/05</th>
<th>9/30/05</th>
<th>12/31/05</th>
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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