Project Number: SR 9907.01

Title: Internal market

Sub-programme: Implementation of the Standards and Certification Act

Objectives:

- To facilitate a smooth functioning of internal market by ensuring transparency as regards national initiatives for the adoption of technical standards and regulations.
- Strengthening of the institutional framework for effective application of the acquis.
- Ensuring the legal approximation of relevant EU directives.

Description:

In line with the Regular Report of the Commission on Slovakia’s progress towards accession and the NPAA, this project aims at supporting the regulatory framework and its enforcement, as well as the development of small and medium enterprises’ economy and their participation in the Single Market through the harmonisation of legal and technical standards system and implementation of Quality System in Standardisation organisation.

It shall further facilitate the implementation of 2,000 harmonised European standards per year to fulfil the essential requirements of New Approach Directives and to enforce proper implementation of the legal provisions by providing tools for market surveillance authorities as well as for notified bodies, including their participation in Mutual Recognition Agreements (MRAs) and to allow the producers to apply “CE marking” on their products.

This project will be implemented through twinning arrangements including one long term Pre-Accession Adviser and a number of short term experts for specific activities.

The proposed project is complementary to the activities under PRAQ III programme, where no investment support was available, and which will end in April 2000.

Sub-project 1 - Strengthening of the National Institute for Standardisation

Strengthening of the National Standards Organisation - Slovak Institute for Standardisation by improving the procedures for standardisation work by swapping into an electronic form, implementing the Quality System and ensuring the cooperation and communication with all relevant parties.

The following activities are envisaged:

- Improvement of communication with Market Surveillance, SMEs, Notified Bodies and Technical Committees (TCs). Provision of information on European standards and essential requirements of European directives. Improvement of information exchange between the Slovak Institute for Standardisation and European and International organisations for standardisation (links to INES and WSSN), TCs and SMEs.
- Improvement of co-operation with European TCs through attendance of TCs meeting and by commenting drafts of European Standards.
- Supply of software and hardware for completion of workplaces for standards development and standards printing workplaces (continuation of the PHARE Project SR 9515 02 03).
- Organisation of seminars and training
- Establishment of the training centre within the SUTN (Slovak Institute for Standardisation). Supply of hardware, software and training equipment (portable LCD projector, wall screen, overhead projector).

Sub-project 2 - Implementation of Quality System in the metrology laboratories of the Slovak Institute of Metrology

Project is aimed at ensuring the preconditions for the activities related to verification, calibration, certification and testing of instruments to be in conformity with ISO 9000 standards, ISO Guide 25 and EN 45001. This is required by the EUROMET „Agreement on mutual recognition of certificates issued by national metrology institutes“.

Phare will finance the following actions:

- Training of top managers, quality managers and personnel of laboratories of the Slovak Institute of Metrology (SMÚ) on implementation of Quality Systems by metrology institutions. Development of Quality Manuals and application in individual laboratories with final audit of laboratories. Lectures, consultancy, supervision and internships for selected quality managers by a EU Member State metrology institution (e.g. NPL)
- Training for SMEs aimed at implementation of Quality System used in declaration of conformity especially with European directives: safety of machinery, electromagnetic compatibility, gas appliances, toys, low voltage equipment, new hot water boilers. Equipment will be provided to the education centre for quality systems in the Certified Educational Establishment (MASM) with necessary audio-visual and computerized teaching tools. This project will be implemented in close cooperation with the NADSME.

Institutional framework:

Recipient Institutions:
- Slovak Institute for Standardisation (SÚTN)
- Technical Testing Institute (TSÚ)
- Electrotechnical Research and Design Institute JSC (EVPÚ)
- Certified Educational Establishment (MASM)
- Slovak Institute of Metrology (SMU)

Implementation arrangements:

Implementing Agency: CFCU
Implementing Authority: Slovak Office of Standards
Budget (MEUR):

<table>
<thead>
<tr>
<th>Sub-project</th>
<th>Strengthening of the National Institute for Standardisation</th>
<th>DIS</th>
<th>IB (T.A.)</th>
<th>Total Phare (I+IB)</th>
<th>Recipient</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0.715</td>
<td>0.4</td>
<td>1.115</td>
<td>0.15</td>
<td>1.265</td>
</tr>
</tbody>
</table>

| Subproject 2 – Implementation of Quality System at the Slovak Institute of Metrology | 0.05 | 0.635 (Twinning) | 0.685 | 0.01 | 0.695 |
| TOTAL       | 0.765 | 1.035          | 1.8   | 0.16 | 1.96  |

Implementation schedule:

- Start of tendering: 1st quarter 2000
- Start of project activity: 2nd quarter 2000
- Completion: 4th quarter 2001
<table>
<thead>
<tr>
<th>Wider Objective</th>
<th>Indicator of Achievement</th>
<th>How, When and By Whom Indicators Will Be Measured</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meeting the obligations of the Acquis Comunitaire in the field of standardisation and certification</td>
<td>Continued alignment of the Slovak standards and certification procedures</td>
<td>National plan for Approximation of the Acquis Community in the field of standardisation and certification, Regular Report of the UNMS on implementation of NPAA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Immediate Objectives</th>
<th>Indicator of Achievement</th>
<th>How, When and By Whom Indicators Will Be Measured</th>
</tr>
</thead>
<tbody>
<tr>
<td>- To facilitate the smooth functioning of internal market by ensuring transparency as regards national initiatives for the adoption of technical standards and regulations.  - Strengthening of institutional framework for the effective application of the acquis.  - Ensuring the legal approximation of relevant EU directives.</td>
<td>- Relevant institutions in standardisation and certification are ready to perform their duty in compliance with acquis requirements.  - Relevant EU directives and related EN standards are implemented.</td>
<td>National plan for Approximation of the Acquis Community in the field of standardisation and certification, Regular Report of the UNMS on implementation of NPAA Reports from the beneficiary institution</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outputs</th>
<th>Indicator of Achievement</th>
<th>How, When and By Whom Indicators Will Be Measured</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Strengthening of the National Institute for standardisation.  II. Implementation of Quality system in metrology laboratories of the Slovak Institute of Metrology.</td>
<td>I. Transformation of information centre into a notification centre successfully completed. Information procedure in force.  Electronic form of work and interconnection for standardisation work is in place nationally and internationally. Active participation of Slovak Institute for Technical Standardisation in INES. Quality system is implemented.</td>
<td>Report from CEN/CS and CENELEC fulfilling the 9 conditions for access affiliates to CEN and CENELEC for membership status. Reports of expert partners.</td>
</tr>
<tr>
<td>Inputs</td>
<td>Indicator of Achievement</td>
<td>How, When and By Whom Indicator Will Be Measured</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>1) Improvement of information network and its connection both locally and internationally.</td>
<td>1) 8 persons trained in information system in Standardisation Institute. Quality system in standardisation body implemented.</td>
<td>Report from CEN/CS and CENEL. Fulfilling the conditions for the affiliate membership status. Report of twinning partners.</td>
</tr>
<tr>
<td>2. a) Establishment of home pages and participation in INES project.</td>
<td>2. a) Home pages ready for providing information on national standards and legislation in Standardisation Institute. b) PDF-wrapped TIFF format for all previously published STNs</td>
<td></td>
</tr>
<tr>
<td>2. b) Preparation of TIFF format for Slovak Technical Standards.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. a) Revision of procedures for development and transposition of European standards by means of consultations and policy advice.</td>
<td>3. a) 6-month procedure of implementation ENs in place. b) 75 experts participated in CEN/CENELEC TCs meetings.</td>
<td></td>
</tr>
<tr>
<td>3. b) national standardisation committees experts to be sent to the CEN, CENELEC TCs meetings.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Equipment for standards development and standards printing workplaces.</td>
<td>4. Standardisation body ready to implement and publish ENs according to CEN/ CENELEC Internal Regulations Part 2.</td>
<td></td>
</tr>
<tr>
<td>5. a) Equipment for training room for training and seminars of standardisation experts.</td>
<td>5. a) Training room equipped. b) 150 experts trained to use WORD templates.</td>
<td></td>
</tr>
<tr>
<td>5. b) Delivery of 60 WORD licences.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subproject II</td>
<td>Subproject II</td>
<td></td>
</tr>
<tr>
<td>6. b) Business plan for QS implementation developed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. c) Training and assistance in developing Quality Manuals provided.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Equipment for training centre to QS</td>
<td>a) Training centre for QS equipped.</td>
<td></td>
</tr>
<tr>
<td>b) Training, workshops and seminars aimed at Small and medium Enterprises related to implementation of Quality systems, declaration of conformity to EU Directives.</td>
<td>b) Quality system in SMEs implemented. Number of trained persons.</td>
<td>Report from experts.</td>
</tr>
</tbody>
</table>
### IMPLEMENTATION TIME CHART FOR PROJECT NUMBER SR 9907.01

<table>
<thead>
<tr>
<th>Component</th>
<th>Sub-project 1 – Strengthening of the National Institute for Standardisation</th>
<th>Implementation of Quality System at the Slovak Institute of Metrology</th>
</tr>
</thead>
</table>

### CUMULATIVE CONTRACTING AND DISBURSEMENT SCHEDULE (M€)

<table>
<thead>
<tr>
<th>Title</th>
<th>Implementation of the Standards and Certification Act</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>QUARTERLY CUMULATIVE CONTRACTING AND DISBURSEMENT SCHEDULE (M€)</td>
</tr>
<tr>
<td></td>
<td>PLANNED</td>
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<tr>
<td></td>
<td>1999</td>
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<tr>
<td></td>
<td>IV</td>
</tr>
<tr>
<td>Contracting</td>
<td>-</td>
</tr>
<tr>
<td>Disbursement</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
</tr>
</tbody>
</table>
## ANNEX 3

### COST BREAKDOWN
FOR SUB-PROJECT 1 AND 2

<table>
<thead>
<tr>
<th>TWINNING ARRANGEMENTS (indicative figures)</th>
<th>MS experts + MS management costs</th>
<th>Special actions (*)</th>
<th>TOTAL (**)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-project 2 - Implementation of Quality System at the Slovak Institute of Metrology</td>
<td>500.000</td>
<td>135.000</td>
<td>635.000 M€</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>635.000 M€</strong></td>
</tr>
</tbody>
</table>

(*) Special actions: including internships, seminars, conferences, some translation and interpretation
(**) Only the total amount for each twinning project is binding. The other figures are preliminary estimations. The final budget for the twinning projects will be included in the twinning covenants to be approved by the Twinning Steering Committee in Brussels.

### A.1 Fees

<table>
<thead>
<tr>
<th>Duration</th>
<th>Rate</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>10.5</td>
<td>13.00</td>
<td>136.5</td>
</tr>
<tr>
<td>9</td>
<td>13.50</td>
<td>121.5</td>
</tr>
<tr>
<td>12</td>
<td>2.50</td>
<td>30.0</td>
</tr>
</tbody>
</table>

### A.2 Allowances

<table>
<thead>
<tr>
<th>Duration</th>
<th>Rate</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>2.200</td>
<td>26.400</td>
</tr>
<tr>
<td>270</td>
<td>144</td>
<td>38.880</td>
</tr>
</tbody>
</table>

### A.3 Direct Costs

| Micellarneous | 26.720 |

### A.4 Reimbursables

| International Travel | 20.000 |

**TOTAL**

<table>
<thead>
<tr>
<th>duration</th>
<th>Rate</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

### Equipment Supplies

<table>
<thead>
<tr>
<th>Item description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Unit cost</th>
<th>Total cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slovak Institute for standardisation – Training centre (PCs, printers, software, etc.)</td>
<td>Lump sum</td>
<td>100,000</td>
<td></td>
<td>100,000</td>
</tr>
<tr>
<td>Information system (Hardware and Software) for Slovak Institute for standardisation</td>
<td>Lump sum</td>
<td>615,000</td>
<td></td>
<td>615,000</td>
</tr>
<tr>
<td>Training centre for quality systems - Zilina</td>
<td></td>
<td>50,000</td>
<td></td>
<td>50,000</td>
</tr>
</tbody>
</table>

**Total equipment**

|          |         |         |         | 765,000   |
Annex 4

Relation of project with previous PHARE activities and financed from other sources

The establishment and strengthening of independent National Standardization body is a part of state policy in this area, having continuous support from the state budget amounting every year 17 mil. SK (approx. 0.4 MEUR). There has been support from Phare GTAF program in previous years under GTAF92, under GTAF95 under number SR95 150201 and SR 95 150204.

EVPU a.s. (Electrotechnical Research and Design Institute) Nova Dubnica is an active participant in CENELEC Certification Agreements (CCA) and the signatory of the EMC Agreement for recognition of EMC certification mark within CENELEC Agreements.

It has already invested in new building for testing laboratories during the last two years amount of 120 mil SK (approx. 3 MEUR) opened in February 1999. New anechoid and semianechoid chambers for EMC measurements were also completed, representing EVPUs own investment of 2 mil. DEM (1.2 MEUR). The current set of equipment needs an upgrade to make use of the very sophisticated modern chambers designed for frequency range of up to 18 GHz.

For the adoption of standards into a Slovak standards system, the Slovak government has allocated funds from the state budget amounting 18-20 mil. SK (approx. 0.45 MEUR) every year.

Since 1993 Slovakia participated in the Multicountry programme PRAQ91 and PRAQIII from which it got support for institutional building in all area of conformity assessment covering Chapter II of White Paper (trainings, seminars, workshops, consultances). There have been also some funds for implementation of relevant legislation and adoption of harmonized standards. The PRAQIII has been a complementary program to national PHARE programs from which, however, no investments have been allowed. PRAQIII will finish this year.
Annex 5

List of relevant Laws and Regulations

Acts and regulations in force:

Act No 30/1968 - on state testing
amended by

   Act No 54/1987 Zb.
   Act No 194/1988 Zb.
   Act no 479/1992 Zb.
   Act No 539/1992 Zb.

Decree of Federal Office for Standardization and Measurements


Decree of the Slovak Office of Standards, Metrology and Testing (UNMS)

   No 246/1995 Z.z. on product certification

Authorization Decree of the UNMS for particular product categories

Act No 142/1991 Zb. on Czecho-Slovak technical standards
amended by

   Act No 632/1992 Zb.
   Act No 143/1995 Z.z.

Legislation in preparation

The Act on technical requirements on products and conformity assessment is under the approval
procedure in the Legislative Council of the Government and should be in force from 1st September
1999.

During 1999 following New approach directives shall be adopted as governmental ordinances:
89/392/EEC Safety of machinery
73/23/EEC on electrical equipment for use within certain voltage limits (LVD)
89/336/EEC Electromagnetic compatibility (EMC)
90/396/EEC Gas appliances
87/404/EEC Simple pressure vessels
89/106/EEC Construction products
88/378/EEC Safety of toys