STANDARD SUMMARY PROJECT FICHE

1. Basic Information

1.1 Désirée Number: 2002/000-282.05.04

1.2 Title: Strengthening Special Diagnostic Methods in Phyto-sanitary Administration – Plant Health

1.3 Sector: Agriculture

1.4 Location: Czech Republic

2. Objectives

2.1 Overall objective
Existence of functioning market economy, as well as the capacity to cope with competitive measures and market forces within the Union.

2.2 Project purpose
Strengthen and complete the central regulatory capacity and the appropriate technical capacity of the State Phytosanitary Administration for implementation of the Council Directives 2000/29 through adopting and implementing the acquis communautaire in the field of plant health - harmful organisms

2.3 Accession Partnership and NPAA priority
AP (2001): Continue alignment with the phytosanitary acquis.

Contribution to point 3.5.2. Agriculture, 3.5.2.1. Short term Priorities, Phytosanitary Measures.

2.4 Contribution to National Development Plan
n.a.

2.5 Cross Border Impact
n.a.

3. Description

3.1 Background and justification
The project concerns the main sector of plant protections - new diagnostic methods of harmful organisms and also connections areas: - Pest risk analysis, plant passports, monitoring activities and generally new phytosanitary legislations and marketing directives.
The Czech Republic in the framework of the preparation to EU accession must carry out basic steps to harmonization of the plant diseases and pests diagnostic, prepare itself to rapid determination of the plant quarantine harmful organisms and other organisms potentionally harmful to plants/plant products and furthermore to monitoring of plant pests/diseases occurrence trends. Regarding this tasks, the State Phytosanitary Administration (SPA) is the responsible national authority in the CR. Obligatory laboratory tests are carried out for purposes, on one hand, of preventing the introduction and/or spread of quarantine harmful organisms on the territory of the whole Czech Republic and - under the EU membership in the future - on the territory of the Community; and, on the other hand, of the appropriate certification, thus enabling a free movement of plants, plant products and other relevant objects within the internal market.
A part of the phytosanitary (plant health) supervision in the protection of territory of the Community from any entry of plant quarantine harmful organisms. The project objective is strengthening the border checks of consignments of live plants and plant products by setting up the new diagnostic methods on the new laboratory equipment which we have received from the previous Phare projects, and complete all quarantine system with connecting areas.
The given project aim is full harmonization of the laboratory diagnostic methods of harmful organisms with the EU system and in accordance with the relevant rules in EU Member States, and achievement of full ability to diagnose phytosanitary and related problems and identify organisms of very different origins. The project is intended to complete adequate implementation diagnostic capacity for harmful organisms in accordance with the requirements of the Council Directives 2000/29, as well as the relevant Commission Guidance Documents and new additional Directives.

3.2 Linked activities

- Phare 1999 - Project CZ 9903.02 (Strengthening Institutional and Administrative Capacity in Phytosanitary field) and Twinning Covenant CZ 99/IB/AG/01. The Project Phare 2001 in investment part fulfil additional diagnostic equipment which SPA need for extended work in laboratories/more samples will be processed and the equipment will be fully used as more staff will be recruited from the SPA regional offices to work in the laboratories of Prague and Olomouc.

Other linked projects are: CZ0005-03 aimed at investment to chemical laboratories for registration of pesticides (plant protection products) and CZ0105-04 focused on twinning for specialist for registration of pesticides and additional investment to diagnostic laboratories.

3.3 Results

In the field of plant health – harmful organisms: two specialised semi-central diagnostic laboratories of Prague and Olomouc are able to perform the necessary new phytosanitary diagnostic methods of harmful organisms in accordance with the relevant acquis.

3.4 Activities

Twinning (0.75 ME)

Training: - PAA (12 months) with min 10 years professional experience in similair MSs institution will assist SPA and relevant institutions in the implementation of the Acquis covered by the project. - PAA will be responsible for short-term training of the SPA experts in MSs as well as in the Czech republic. Training will also be delivered by STEs in CZ and SPA specialists on study visits/internships in MSs (see log frame for further details). The training should include following areas:

a) Implementation of the new diagnostic methods:
- isoenzyme analysis (mycologie, nematologie)
- DOT-BLOT Hybridization (virologie, mycologie)

b) Implementation of immunological methods:
- immunoprinting (mycologie)
- immunoprecipitation (bacteriologie)
- capillary electrophoretic identification of bacteria
- automatic PCR identification of bacteria
- determination and archiving of nemathodes by computer systems
- biological test (patogenity tests) for distinguished harmful organisms
- electrophoresis for distinguished harmful organisms (entomologie)
- PCR (polymerase chain reaction) for viroides and phytoplasmas - PCR for distinguished harmful organisms (virologie, bacteriologie, mycologie, nematologie, entomologie)
- GLP – implementation in laboratories Olomouc and Praha and corresponding areas: Pest Risk Analysis (PRA), monitoring, plant passports and generally new phytosanitary legislation and marketing directives.

3.5 Lessons learned

All relevant recommendations from previous projects have been taken into account.

4. Institutional Framework

State Phytosanitary Administration (SPA) is directly subordinated to the Ministry of Agriculture and functions as the national single and central authority of the Czech Republic in the phyto-sanitary field for the “plant health (harmful organisms)” and “plant health (pesticides)” sub-sectors, according to the Act No 147/1996 of the Law Book.

The implementation of the project will be ensure the full discharge of the responsibilities of the institution with the requirements of the EU and Czech legislations.
5. Detailed Budget (mil. €)

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<tr>
<th>Project Component</th>
<th>Phare Support</th>
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<td>Institution</td>
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<td>IFI</td>
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6. Implementation Arrangements

6.1 Implementing Agency
Responsibility for the administration related to the procedural aspects of procurement, contracting accountancy will rest upon the CFCU, PAO: Mr. Jan Slaviček.

Responsibility for the administration related to the preparation, technical control, implementation and monitoring will rest with the Ministry of Agriculture.

6.2 Twinning
Beneficiary institution will be the SPA in 20 special areas (mentioned above).
The contact person: Mr. Miroslav Husak – SPA, Department of Phytosanitary Supervision, Těšnov 17, 117 05 Praha 1, Tel.: +420 221 812 599, fax +420 221 812 804, e-mail: husak@srsr.cz

6.3 Non-standard aspects
n.a.

6.4 Contracts
[1] Contract – twinning covenant 0,75 MEUR

7. Implementation Schedule

7.1 Start of tendering/call for proposals
Twinning covenant elaborated Approval by Commission 2Q 2002 1Q 2003

7.2 Start of project activity
1Q 2003

7.3 Project Completion
Project Completion is expected in 1Q/2004

8. Equal Opportunity

Equal opportunity principles and practices in ensuring equitable gender participation in the Project will be guaranteed.

9. Environment
n.a.

10. Rates of Return
n.a.

11. Investment Criteria
n.a.

12. Conditionality and Sequencing

Preconditions
Twinning project CZ 9903.02.01 will be successful and implemented by IV.Q 2001. The results of the 99 project are: The Czech Plant Health Act will be in line with the EU directives and guidelines. The
registration system for importers and producers together with system of a plant passport will be adopted and two diagnostic laboratories will be better equipped and staff will be trained for same important diagnostic methods. The twinning project CZ 9903.02.01 will significantly improve the ability of the SPA administration to execute the necessary activities related to the indicated EU phytosanitary directives. These directives will be implemented in national legislation and consequent regulations during the period of the project.

The SPA will be responsible for the execution of this legislation and these regulations and needs their staff (inspectors, specialist) to be informed and trained on the implementation of these legal responsibilities.

ANNEXES TO PROJECT FICHE

1. Logical framework matrix in standard format
2. Detailed implementation chart
3. Contracting and disbursement schedule by quarter for full duration of programme
### PHARE LOGFRAME PLANNING MATRIX

**Programme number:** 2002/000-282.05.04  
**Contracting period expires:** 31/10/2004  
**Disbursement period expires:** 31/10/2005  
**Total Budget:** 0.75 M €  
**Phare budget:** 0.75 M €

#### Overall objective
Existence of functioning market economy, as well as the capacity to cope with competitive measures and market forces within the Union.
- Acknowledgement of the EC
- EC Regular report

#### Project purpose
Strengthen and complete the central regulatory capacity and the appropriate technical capacity of the State Phytosanitary Administration for adopting and implementing the *acquis communautaire* in the field of plant health - harmful organisms by implementation of the Council Directives 2000/29
- Trained staff of SPA and full technical capacity established for application and enforcement of Council Directives 2000/29, by IV. Q 2003 with the particular regard to the implementation of the EU new diagnostic methods for harmful organisms
- Annual Report of the SPA
- Twinning project reports
- Reports of short term and study visits
- Reports of Ministry of Agriculture
- Reports of EC (Regular Report...)
- Project report
The indicator will be verified by EU TAIEX experts no later than one year after finishing Project 2002-3.
- Fulfilment of all other requirements of the *acquis* in the field of plant health.
- Other criteria necessary for fulfilling 3rd Copenhagen criteria are fulfilled.

#### Results
**In the field of plant health – harmful organisms:** two specialised semi-central diagnostic laboratories of Prague and Olomouc are able to perform the necessary new phytosanitary diagnostic methods of harmful organisms in accordance with the relevant *acquis*

1. New laboratory diagnostic methods are in place and applied by IV.Q 2003 in the two specialised semi-central diagnostic laboratories of Prague and Olomouc
2. Staff of SPA in diagnostic laboratories in Olomouc and Praha trained on the new equipments (new methods) by twinnig specialists from MSs by IV.Q 2003
- Twinning final report
- Internal SPA laboratories procedure control reports
- Project reports
- Diagnostics laboratories /immediately when all equipment will be operated/.
- Checks on the spot by TAIEX experts
- Study visits and workshops reports of SPA have been detailed in Twinning Covenant.

#### Activities

#### Means

<table>
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<tr>
<th>Training</th>
<th>Twinning</th>
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<tbody>
<tr>
<td>PAA will assist SPA and relevant</td>
<td>PAA-app. 12</td>
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</table>

#### Assumptions
- Availability of qualified staff.
- institutions in the implementation of the Acquis covered by the project.
- PAA will be responsible for short-term training of the SPA experts in MSs as well as in the Czech republic. The training will be conducted in these areas:

### Implementation of the new diagnostic methods
- isoenzyme analysis (mycologie, nematologie)
- DOT-BLOT Hybridization (virologie, mycologie)

### Implementation of Immunological methods
- immunoprinting (mycologie)
- immunoprecipitation (bacteriologie)
- capillary electrophoretic identification of bacteria
- automatic PCR identification of bacteria
- determination and archiving of nemathodes by computer systems
- biological test (pathogenicity tests) for distinguished harmful organisms
- electrophoresis for distinguished harmful organisms (entomologie)
- PCR (polymerase chain reaction) for viroides and phytoplasmas
- PCR for distinguished harmful organisms (virologie, bacteriologie, mycologie,

<table>
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<th>months</th>
<th>200,000 EUR</th>
<th>1 person (main twinner – administrative and legal issues within the evaluation of the new diagnostic methods well experienced in this topics; the PAA will co-ordinate the work of app. 19 STEs)</th>
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<tr>
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<td>550,000 EUR</td>
<td>short term training advice of app. 19 experts, each app. 1 month in CZ and app. 19 SPA specialist each app. 1 month in MSs</td>
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**CONTRACT:**
Twinning: 0,75 MEUR
nematologie, entomologie)
- GLP – implementation in laboratories Olomouc and Praha and corresponding areas: Pest Risk Analysis/PRA, monitoring, plant passports and generally new phytosanitary legislation and marketing directives

Preconditions
- Twinning project CZ 9903.02.01 will be successful and implemented by IV.Q 2001. The results of the 99 project are: The Czech Plant Health Act will be in line with the EU directives and guidelines. The registration system for importers and producers together with system of a plant passport will be adopted and two diagnostic laboratories will be better equipped and staff will be trained for some important diagnostic methods. The twinning project CZ 9903.02.01 will significantly improve the ability of the SPA administration to execute the necessary activities related to the indicated EU phytosanitary directives. These directives will be implemented in national legislation and consequent regulations during the period of the project.
- The SPA will be responsible for the execution of this legislation and these regulations and needs their staff (inspectors, specialists) to be informed and trained on the implementation of these legal responsibilities.
- Investment Phare project 2001 CZ 01.05-04 will be successful and implemented by II.Q.2003. This project covers the supply of HW, SW and laboratory equipment, enabling to fulfill the EC requirements in the areas of the new diagnostic methods for distinguished harmful organisms.
- Description: from Phare 2001 SPA will receive new diagnostic equipment and SPA needs training on this equipment under Phare 2002 and also we need to recognise new diagnostic methods. In the list of harmful organisms is more than 300 pests.
- Summary:
  Phare 1999 has two parts: investment for diagnostic laboratories/new diagnostic equipment and twinning for diagnostics and quarantine specialists.
  Phare 2000 – investment to chemical laboratories for registration of pesticides (plant protection products).
  Phare 2001 has two parts: twinning for specialist for registration of pesticides and additional investment to diagnostic laboratories following up Phare 1999.
  Phare 2002 – twinning for diagnostic and quarantine specialists (following up Phare 1999)
# DETAILED IMPLEMENTATION CHART

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### CONTRACTING AND DISBURSEMENT SCHEDULE BY QUARTER FOR FULL DURATION OF PROGRAMME

#### Cumulative Quarterly Contracting Schedule (mil.€)

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#### Cumulative Quarterly Disbursement Schedule (mil.€)

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