1. Basic Information
1.1. Desiree number: PL0006.06
1.2 Title: Phytosanitary Administration
1.3 Sector: Agriculture
1.4 Location: Poland

Twinning code: PL2000/IB/AG06

2. Objectives
2.1 Wider objectives:
- To harmonise rules and activity methods of phytosanitary administration in Poland with those being in force in European Union.
- To achieve operational standards and efficiency consistent with the level of phytosanitary administration of European Union Member States.

2.2. Immediate objectives:
- To increase the working efficiency of Polish plant protection services with regard to detection and diagnostic of harmful organisms.
- To implement the modern methods of control of plant protection substances.
- To disseminate knowledge on phytosanitary issues and use of pesticide related EU legislation among PPIS staff, advisory services and agricultural producers

2.3. Accession Partnership, National Programme for the Adoption of the Acquis” and others
The Polish Government in its National Programme for the Adoption of the Acquis has adopted the priority „Harmonisation of phytosanitary border control and phytosanitary regulatory framework” (Task 3.4.1.3).
This is also a short term priority in the Accession Partnership

3. Description
3.1. Background and justification
Poland possesses its plant protection legislation provisions based on the International Plant Protection Convention (IPPC) which are partly in line with EU legislation. The surveillance of its implementation lies under responsibility of national plant protection service. Plant Protection Inspection Service is an independent State service having its own authorities, organisational structures and financial resources to implement certain tasks.

Poland has undertaken necessary steps in order to adjust its phytosanitary administration to EU standards. In 1998 draft law on crop plants’ protection was elaborated. The document has passed the stage of inter-ministerial co-ordination and is now being scrutinised by the Economic Committee of Council of Ministers. Passing this legislation through Parliament will give Main Inspectorate of Plant Protection legal basis to act on similar principles as those existing in the EU.

In 1999, according to NPAA, drafts of the Directives on the following subjects were elaborated:
- protected zones
- producers and exporters registration and rules of internal trade of plants and plant products.

The provisions of Polish legislation are harmonised with the following EU Directives: 77/93, 92/70, 92/76, 93/106, 93/51, 92/90, 93/50, 92/105. Implementation of the mentioned above Directives will enable Plant Protection Inspection to operate on the similar basis identical with the existing in the EU.

In the field of plant protection products the Inspection is operating according to EU legal provisions (Dir. 91/414). The Directive of the Minister of Agriculture and Food Economy of March 12, 1996 concerning detailed principles of granting the authorisation of plant protection products to be placed on the market in Poland, which is related to those issues, become obligatory in 1996.

Implementation of legal acts into working practice of Plant Protection Inspection Service requires steps aiming at improvement of inspectors’ professional qualification and investments into technical equipment for Inspection service responsible for implementation of statutory tasks. The very important issues included in the project are training courses for non-Inspection staff, namely for producers and exporters of plants and plant products. Training activities will be realised in frames of a twinning project.
Due to constant changes of commercial patterns and international commercial agreements it is vital to constantly adjust the production control methods and plant material wholesomeness. Poland, as a candidate country, understands the importance of introduction of phytosanitary regulations in order to adopt the legal regulations existing in the EU. Those preparations do not only concern the implementation of European legislation to Polish legal framework, which is already well advanced, but also the implementation of EU regulations at the level of administrative institutions.

The projects of legal acts harmonising Polish provisions to EU legislation are currently prepared. Taking into account progress in the legislative process, it can be expected that relevant legal provisions will be implemented by 2002 (the Law on crop plants’ protection, Directives on protected zones and producers and importers registration and rules of internal trade of plants and plant products). The activities planned in frames of twinning cooperation will be focused on proper implementation of harmonised provisions.

The project includes the following tasks:

1. Improvement of internal network of phytosanitary laboratories

According to the Law of July 12, 1995 on the protection of crop plants (Journal of Law No 66/751 of 1999), the Plant Protection Inspection Service perform phytosanitary testing of plants, plant products and growing media for presence of harmful organisms subjected to obligatory eradication, which are listed in Directive of the Minister of Agriculture and Food Economy of February 6, 1996 on the control of harmful organisms (Journal of Law No 15/81) and other harmful organisms of economic importance.

Phytosanitary tests are made by means of precise and efficient methods based on internationally approved testing procedures, recommended by the European and Mediterranean Plant Protection Organisation (EPPO), International Seed Testing Association (ISTA) and those used in EU Member Countries (described in the relevant EU Directives). Procedures and testing standards mentioned above were adopted and implemented by Central Laboratory of Plant Protection Inspection Service, firstly in the unit itself and than in PPIS regional units.

Inspection laboratory activities, taking into account the range of tests, identification and diagnostic of especially dangerous organisms, require specialised, independent and properly protected laboratory base, which can fulfil criteria laid down for this kind of laboratories in the EU Member States. Only diagnostic base organised in that way will give the guarantee of reliable and repeatable results of testing, which can be a base for activities of Inspection on the international arena.

In order to establish a diagnostic test system compliant with the quality standards of the EU, the laboratories should engage persons responsible for quality control system. Having in mind this requirement the Polish Partner has provided for preparation of a group of persons within the Project. The planned training courses are designed to instruct these persons on the quality system management. The diagnostic activities related to control of imported goods are, according to the Polish phytosanitary regulations, fulfilled only at the border inspection posts. Taking into account that according to the relevant EU Directives (77/93, 91/683) such control can be done also, at the place of destination, PPIS elaborated plan of plant protection inspection diagnostic laboratories development. The aim is to prepare existing laboratories inside the country to perform all necessary tests to control phytosanitary condition of imported products. It should be underline, that development of laboratory system in Poland does not require to create any new units. However, it is important to supplement of the equipment in many existing units, especially on the basic level. There is necessity to partially replace and supplement the optical equipment (microscopes, binoculars). It is also necessary to equip the higher level laboratories in modern equipment, in aim to increase the number of tests, which are currently performed by only a few units.

According to the EU legislation (77/93, 98/22, 95/44) on the control of harmful organisms spread and according to the quality standards related to the vegetal waste management and laid down in the Polish legislation (J.L.49, 1994; J.L. 96, 1997; J.L. no. 38, 1974) the phytosanitary laboratories, which examine organisms, which must be prevented from penetrating he environment, should be equipped with a waste utilisation system. The Project provides for establishment of an elimination system of vegetal and chemical residues resulting from the laboratory tests. It is assumed to purchase and install utilisation equipment for 5 reference laboratories in Poland: Central Laboratory of Plant Protection...
Inspection and 4 Regional Laboratories. The equipment specification shall be established on the basis of recommendations laid down by the EU expert working for the Project.

2. Producers registration system

The previous Phare projects related to registration system were focused on legal aspects and technical details of already operating systems. Those activities had been undertaken to create Polish regulations harmonised with the following EU Directives: 77/93, 92/90, 93/50, 92/105. The draft phytosanitary regulations harmonised with EU standards, had already been prepared. Simultaneously, trainings for Inspection staff were conducted to prepare inspectors to fulfil new duties.

The activities planned in frames of project Phare 2000 are focused on acquainting entities subjected to registration with the idea of registration system. This will be realised in frames of a twinning covenant. It is planned to familiarise producers with their rights and obligations established for the registered units. Advisability of co-operation between Inspection and producers, farmer’s organisations and other related parties is pointed out in the Commission’s Progress Report 1999.

The Project is aimed at the improvement of knowledge of the EU phytosanitary legislation among the advisory services, producer organisations and farmers. The information campaign will consist of two stages. At first, information on the selected EU Directives (77/93, 92/90, 93/50, 92/105, 92/70, 92/76, 93/106, 93/51) will be developed in the form of leaflets, posters and brochures. The next stage will comprise a comprehensive training package for both the Inspection agents and for other groups mentioned above.

3. Testing of plant protection products quality

The obligation of making the necessary arrangements to create the system of quality control of plant protection products, being placed on the market, has been imposed in the provisions of the Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market.

In accordance with those regulations, plant protection products, which have been placed on the market for their use, shall be officially checked to see whether they comply with the requirements of the authorisation and information appearing on the label, as well as with requirements of above-mentioned Directive.

Project Phare 2000 includes a subject concerning use and quality control of plant protection products. This issue seems to be especially important for natural environment protection and need for plant product and food quality improvement. FOSS-NIRS system used for quality control of chemical substances is intended for Plant Protection Institute laboratory. This laboratory performs tests commissioned by the of Plant Protection Inspection. Understanding the need for accreditation of laboratories responsible for chemical trials, the Inspection designated for this project’s implementation laboratory, which is already involved in accreditation process.

Within twinning co-operation the Project will include training of the selected laboratory staff in respect of the most advanced testing methods. Within the training components a visit of Polish experts to a laboratory located in one of the EU Member States, is envisaged including presentation of the testing methods. The next training will be arranged in Poland and will focus on the operation of apparatus procured with the Project and on the demonstration of the FOSS-NIRS technique for standard sample preparation.

The project is also related to problems of registration and licensing of plant protection agents. Polish law lays responsibility for this task on the Ministry of Agriculture and Rural Development, Department of Agricultural Development. The Ministry is also responsible for control on quality of field and laboratory tests. According to provisions of Directive 91/414Member States are obligated to test plant protection products subjected to registration according to certain standards. Those standards listed in FAO documents and EPPO recommendations have to be fulfilled by official or officially authorised units. Project will be focused on preparation of selected administration staff to control of testing procedures and supervision if Polish testing units reach the required standards.

3.2. Linked activities

1. Improvement of internal network of phytosanitary laboratories
Project is a continuation of project PL99/IB/AG/2 „Phytosanitary administration capacity building and development phytosanitary protection of the future external EU borders” in a field of laboratory system development. The previous project was focused on the improvement of border laboratories and introduction of EU diagnostic legislation to Service staff. The activities on this issue will be implemented to satisfy provisions of Directives 77/93/EEC, 98/22/EEC and 94/3/EEC, and also technical standards for laboratory equipment. The result of this project will be implementation of efficient diagnostic system on the future external border through use of new diagnostic equipment, improvement of qualifications of BIPs inspectors and start-up of newly open inspection points in Bobrowniki, Koroszczyn and Korczowa. The laboratories on the future external border on EU will protect territory of Union against introduction of quarantine organisms from the third countries. Both, purchase of laboratory equipment and training program for Inspection staff are focused on preparation BIPs to fulfil this very important task.

2. **Producers registration system**

The registration of producers is continued under PHARE 2000. The Project Pl 9607-01-10 provides for a Study Tour for a few experts from the Main Plant Protection Inspectorate. The objective of this Study Tour is to familiarise its participants with producers registration systems and plant passport issuing procedures operating in the EU Member States. Within the Project frames persons to be responsible in future for the system implementation in Poland will be selected. The next project (Phare’99) was focused on training courses concerning legislation and practical implementation of registration system intended for administration staff. It will enable to prepare inspectors responsible for evaluation of Polish registration system and its implementation.

3. **Plant protection products quality testing**

The previous activities related to this subject were planned in Phare’99. They include the training courses for Inspection staff on system of collecting data on usage of the plant protection products and evaluation of computer system to collect data on usage and quality control plant protection products placed on the market. Investment in equipment for quality testing included in Phare 2000 is the next step to create efficient control system for plant protection agents registered for trade and use. The other related project, Phare’97 „Preliminary preparation for accreditation process”, is executed in Plant Protection Institute. There are 8 laboratories of Plant Protection Institute involved in project implementation. Those labs provide testing on the commission of Plant Protection Inspection Service. All mentioned labs are doing tests on quality and/or the plant protection products residues as the statutory duties.

Project is focused on structure and principles of quality system for laboratories responsible for quality analysis of p.p.p. Until now, on the basis of requirements of Guideline ISO/IEC 25 and appropriate Polish standard project of Quality Book and project of Procedures and General Instructions were evaluated. They concern documentation, evaluation of procedures, evaluation of instructions, procedures for tested objects, co-operation with clients. Further activities will be focused of purchase of equipment and modernisation of existing facilities. Listed activities will prepare laboratories for accreditation. The project will result in preparation of laboratories for audit by experts from Polish Centre for Testing and Certification.

The next project on the plant protection products quality is also realised by Plant Protection Institute and is aimed on Baltic Sea protection. It is international project for Baltic countries. It is planned in the frames of the project to buy sophisticated analytical laboratory equipment for providing tests of p.p.p residues. The costs of investment will be covered in equal parts by Polish and Danish side. Logical completion and continuation of consecutive adjustment programmes will enable for full adaptation of Plant Protection Inspection Service operational principles and effectiveness to European standards.

3.3. **Results**

- increase of PPIS employees professional qualifications
- increase of efficiency of harmful organisms diagnostics in the laboratories of Main Inspectorate and other laboratories Plant Protection Inspection inside the country according to EU standards
- establishing of producers and distributors registration system accordance to EU provisions
- implementation of system of quality control of plant protection products on the basis of provisions of Dir. 91/414/EEC
• establishing control system on testing procedures of plant protection products intended for registration
• familiarisation of the advisory service staff, producers organisations and individual producers with the EU legislation related to the register of producers and protected zones as well as to methods and techniques of plant protection substances application.

3.4. Activities
The project comprises partly an Institution Building component and partly investment. Investment support is closely linked to and results from plans aimed at institutional reinforcement of phytosanitary services.

Twinning
Implementation of EU legislation requires broader knowledge and skills of both employees of Plant Protection Inspection Service and plant material producers. Twinning co-operation with EU Member States will enable to get acquainted with the existing implementing systems which will assist Polish side in building its own system.

Twinning covenant will cover activities related to training courses and workshops for Inspection as well as the advisory service, organisations of producers and producers subjected to registration. Twinning will help to improve knowledge of Inspection staff in field of EU regulations and standards. It will also create possibility to include other parties mentioned above in process of harmonisation. Knowledge got during courses planned in project will help to create closer co-operation between Service and producers and other units in field of implementation of EU standards.

Within twinning one long term expert will be needed:
Main requirements concerning the long term expert:
- Expert on plant protection matters
- Good competence of EU and MS national plant protection laws (mainly Dir. 77/93, 93/51, 92/90, 93/50, 92/105, 91/414)
- High communicative skills

Main tasks of the long term expert
- Estimation of Plant Protection Inspection Service experts qualifications
- Estimation of registration system implementation process
- Establishing organisation details and subjects for training courses and workshops to be organised
- Control on training courses provided by Polish instructors
- Co-ordination and monitoring of project execution
- Providing advisory service for Inspection managers.

Workshops for Inspection employees planned in twinning project will be provided by short and medium-time experts. List of activities planned in every component is attached below.

Beneficiary institution of the twinning will be:
Plant Protection Inspection Service, laboratory of plant protection institute in Poznan responsible for testing quality of plant protection products, advisory services staff, producer organisations and farmers covered by the registration system.

1. Improvement of internal network of phytosanitary laboratories
• purchases of laboratory equipment and transport means intended for laboratories, which create diagnostic network inside the country. Project does not cover activities related to border inspection points laboratories. Improvement of laboratories in aim to satisfy provisions of Directive 98/22 is subject of Phare’99 project.
• purchase of equipment for utilisation of wastes produced during the laboratory tests
• the procurement of the equipment will be the subject of separate contracts.
• Twinning co-operation including:
  • Wastes utilisation system
    - training courses for laboratory staff (10 persons responsible for utilisation process) on legal provisions related to environment protection, standards related to laboratory tests and the newest methods of laboratory wastes utilisation. The courses will be conducted in Member State by the 2 short-term experts (10 days). Programme shall include visits in selected laboratories in aim to present different wastes utilisation systems.
- a visit in Poland of a EU Member State expert who is to determine, in co-operation with previously trained group of Polish specialists, the needs and to draw a specification of equipment necessary to establish a system of utilisation for wastes produced during the laboratory tests
- a visit of EU Member State expert in aim to evaluate implemented utilisation system (3 days)

- training of laboratory staff:
  Management of phytosanitary diagnostic laboratory according to demands of EU standards in the field of plant health and quality assurance system.
  Training course for managers (heads of laboratories and study directors) of Central Laboratory and Regional Laboratories of the Plant Protection Inspection Service – (organised in MS, for 10 persons)
  Content:
  ? Quality policy: organisation of laboratory, demands for facilities, staff, safety devices etc;
  ? Laboratory facilities, methods employed, handling of test items;
  ? Implementation and documentation of quality system in diagnostic laboratory, critical points of the system;
  ? Test reports and certificates;
  ? Handling of complaints and anomalies, sub-contracting of tests;
  ? Methods of internal audit
  and other subjects important for the quarantine laboratory activity and implementation of quality assurance system.
  The use of electron microscope for the detection and identification of viruses and virus-like pathogens
  Training course for specialists virologists (5 persons, organised in MS).
  Content:
  Preparation of slides and observation under electron microscope as well as the identification of the typical representatives of the following groups of pathogens:
  ? viroids, like Chrysanthemum stunt viroid or Potato spindle tuber viroid;
  ? viruses belonging to various groups, i.e. isometric, longitudinal etc.;
  ? phytoplasmas.

  The use of PCR technique for the detection and identification of viruses and virus-like pathogens
  Training course for specialists virologists (5 persons).
  Content:
  ? The detection of Potato spindle tuber viroid and Chrysanthemum stunt viroid by PCR.
  ? The detection of phytoplasmas (Pear decline MLO, Potato stolbur MLO, Apple proliferation MLO or others) by PCR.
  ? The detection of plant viruses by PCR using gel-free methods of amplification products detection (e.g. TaqMan System or Molecular beacon).

  Identification of species and pathotypes of potato cysts nematodes with capillary electrophoresis system, with PC and detection devices
  Training course for specialists nematologists (2 persons, organised in MS).
  Content:
  ? Introduction to capillary electrophoresis system .
  ? Preparation of the material for identification (detailed procedures, list of chemicals).
  ? Conducting of electrophoresis and interpretation of results.

  PCR-based diagnostics of fungal organisms
  Training course for specialists mycologists (5 persons, organised in MS).
  Content:
  ? General information on application PCR technique for the detection and identification of fungi.
  ? Differentiation of *Tilletia* species using PCR.
- Differentiation of Monilinia species using PCR.
- Detection and identification of Cochliobolus carbonum and Stenocarpella maydis.

Workshops for 5 persons (for Central Laboratory and Regional Laboratories) who will be responsible in the future for quality control of the laboratory tests. Four weeks training abroad is planned within the Project. In order to fulfil the requirements of EN45001 and GLP standards the Plant Protection Inspection Service envisages employment of such persons. The training will aim at the familiarisation of the participants with the EU standards related to the quality of laboratory tests, scope of work of the persons who hold similar positions in the EU Member States and their responsibilities. Training will be conducted in one of the Member States by 3-4 experts.

Polish partner undertakes to cover the employment cost of the new employees.

2. **Producers registration system** – activities carried out within this component will be aimed at the popularisation of EU phytosanitary legislation (producer registration and protected zones). The component will include preparation of the materials on phytosanitary issues. The materials will contain basic information on the harmonisation of Polish regulations with the EU standards and the relevant changes in the plant production system. The materials should clearly identify new laws and responsibilities of Polish producers resulting from these changes. They will contain data on the rules of phytosanitary protection against the selected quarantine organisms (data on potato cultivation will be elaborated first).

The materials will be developed in consultation with the EU expert. The following actions are planned under twinning co-operation:

- a visit of an expert who will determine the needs in respect of the contents of selected information material. The expert tasks will include familiarisation with the legal acts and the crop protection system enforced in Poland, harmonisation degree of Polish legislation with the EU standards, and establishment of a information material concept in co-operation with Main Inspectorate of Plant Protection staff – the short-term expert mission is planned for 15 days.
- workshops for Main Inspectorate of Plant Protection and Voivodeship Inspectorates aiming at the familiarisation with the approaching modification of the Polish agricultural production within adjustment to the EU legislation requirements. Workshops will be focused on legal provisions of the following Directives: 77/93, 92/90, 93/50, 92/105, 92/70, 92/76, 93/51 and differences in systems implemented in Member States. Additionally basic teaching techniques should be included to properly prepare future Polish instructors. The training should be based on the information compiled by the foreign expert during his mission to Poland. Following the examples of necessary modifications Polish inspectors will familiarise with the methods of knowledge transfer and efficient communication with the farmers (co-operation with expert on interpersonal communication will be recommended). Programme shall include examples of information campaigns provided to farmers in selected MS. At the consecutive stages training participants will be take over the responsibility for training courses and meetings with the advisory services and farmers.
  - two 5-day training courses are foreseen for 20 PPIS staff,
  - carried out by 3 EU experts
  - in MS

- Training for field inspectors and advisory services – two-day training will be carried out by Main Inspectorate of Plant Protection and Voivodeship Inspectorate inspectors under supervision of an EU expert. Training will be conducted by previously trained Inspection staff and short-term expert
  - 20 participants (PPIS and advisory service employees) in each voivodship (16 training courses) – 320 persons
  - Interpretation will be needed

- A series of training courses for farmers, importers and exporters – the training courses will be aimed at the familiarisation with the fundamentals of EU legislation, plant and plant product protection rules, registration related duties and benefits. Training courses will also divulge information on the protected zones and responsibilities connected with
plant production in these zones - training for 150 persons in each voivodship (2400 participants in total).

3. Testing of plant protection products quality
   - Purchase of appliances for quality testing of plant protection substances: this will be the subject of a separate contract.
   - Workshop for the Plant Protection Institute laboratory staff related to the application of the purchased equipment and standard sample preparation. Workshop course will be carried out in one of the EU Member States with assistance of the short-term expert. Four-day workshop for 4 persons is planned.
   - Training programme for the Ministry of Agriculture and Rural Development (MARD), Plant Protection Service and Plant Protection Institute aimed at creation of control system on plant protection products testing procedures
     - A visit of EU expert (15 days) to collect information and necessary documents to prepare expertise on system of control on p.p.p. testing procedures. The expertise shall compare registration systems in EU Member States and in Poland. It should be focused mainly on necessary harmonisation of Polish system to legal provisions and control procedures obligatory in EU
     - Study visit for 5 specialists from MARD and PPIS in selected Member States focused on legal provisions related to control of testing procedures (Dir. 91/414) and international standards on p.p.p. pre-registration tests. Programme shall cover visits in units providing field and laboratory tests.
     - Workshops provided by 2 short-term EU experts for Plant Protection Institute and Plant Protection Inspection Service staff (15 persons) responsible for supervision on testing units – 4 day
     - Training courses for staff of unit providing pre-registration tests (scientific institutes, universities, research units). The courses will include information about EU provisions, international standards and control system on testing procedures. 3 courses organised in Poland for 15 persons each.
   - Training programme and information campaign executed in the frames of twinning covenant (provisions of Directive 91/414/EEC)
     The project will include, inter alia, preparation of information material on registration, correct application and quality control of pesticides. The material will contain fundamental information on the harmonisation of Polish legislation with the EU requirements. The legislation modifications will entail changes in the methods of crop protection against harmful organisms. The information should underline the need of correct application of pesticides so as to protect the health of humans and animals and the natural environment. The materials will contain rules of the protection for crops against selected harmful organisms.
     The material will be elaborated with assistance of the short-term EU expert.
     The following actions are planned under twinning co-operation:
     - a visit of an expert who will determine the needs in respect of the contents of selected information material. The expert tasks will include familiarisation with the legal acts and the crop protection system enforced in Poland. After the collected data are compared with the tendencies observed in the EU Member States the expert’ task will consist in establishing information material concept in co-operation with the Main Inspectorate of Plant Protection staff — the short-term expert mission is planned for 15 days.
     - Workshops for the Inspection staff. Following the examples of necessary modifications Polish inspectors will familiarise with the methods of knowledge transfer and efficient communication with the farmers. Co-operation with expert on interpersonal communication issues will be recommended. The course shall include examples of information campaigns executed in selected MS. At the consecutive stages training participants will take over the responsibility for training courses and meetings with the advisory services and farmers.
     - two 5-day training courses are foreseen for 20 PPIS staff
• carried out by 3 EU experts,
• in MS

Training for PPIS regional units and advisory services staff – two-day training courses will be carried out by previously trained Polish specialists and 2 short-term EU experts.
• 20 PPIS and advisory service employees in each voivodship (16 training courses) – 320 persons
• interpretation will be needed during courses

A series of training courses for farmers – the training courses will be aimed at the familiarisation with the fundamentals of EU legislation (91/414), plant and plant product protection rules to ensure the production of food compliant with the EU standards. The lectures will also tackle environment protection issues. The training courses are foreseen for 150 persons in each voivodship (2400 participants in total).

4. Institutional Framework
Plant Protection Inspection Service is an official administrative body reporting to the Minister of Agriculture and Rural Development, responsible for the realisation of State duties related to plant protection. The following unit constitutes diagnostic base of the Inspection: Central Laboratory in Torun, 4 regional laboratories in Bydgoszcz, Katowice, Radzyn Podlaski and Leszno as well as Voivodeship laboratories. The project is addressed to all organisational units of the Inspection except the border posts, which have been covered by a Phare ’99 project. PPIS is target institution and will be the owner of the project.

5. Detailed budget:

<table>
<thead>
<tr>
<th>Contract 1</th>
<th>Investment (IN) MEURO</th>
<th>Institution Building (IB/M mantle)</th>
<th>Total PHARE MEURO</th>
<th>National Cofinancing MEURO</th>
<th>TOTAL MEURO</th>
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Polish co-financing will be covered mainly by the national budget, but also by private funds (e.g. activities related to training courses organised for producers’ groups and for individual producers). Within the frames of the project Poland will meet the following costs:
⇒ reconditioning of laboratory premises, basic laboratory equipment, chemical reagents and exploitation materials;
⇒ preparation of premises and infrastructure for waste utilisation system
⇒ preparation of work posts and allocation of funds for new employees
⇒ preparation of premises and basic equipment for quality control of plant protection substances;
⇒ partial covering of the costs related to all training activities organised in frames of the project
⇒ covering of the costs related to local training programmes to be organised by Polish specialists;
⇒ covering of the costs related to preparation of instruction materials elaborated by Plant Protection Inspection Service;
⇒ logistical and administrative background for training activities.

The Polish authorities have assured that the Government cofinancing is available either through the
reserve budget foreseen specifically by the Ministry of Finance for this purpose each year, or directly through the budget of the relevant Ministry.

6. Implementation arrangements
6.1. Implementing Agency:
PAO: P. Samecki, Undersecretary of State at the Office of the Committee for European Integration
Al. Ujazdowskie 9, Warsaw. Tel.: 4822 694 75 42, 4822 694 7195, 4822 694 6064, FAX: 4822 694 7194, 4822 625 0380.
CFCU: Foundation “Cooperation Fund”, 6/12 Nowy Swiat St., 00-400 Warsaw.
The CFCU is responsible for handling tendering, contracting and payments of contracts on behalf of the Ministry of Agriculture and Rural Development which itself shall be responsible for preparing projects and managing their technical implementation.
The part of the project concerning Institutional Building is going to be realised in a form of Twinning Covenant with EU Member States.

6.2 The **twinning** programme will be under joint responsibility of the Director of PPIS and the Plant Protection Service of the Twinning Country/ies, who will meet twice a year or more frequently if necessary. The programme shall have two managers: one Polish and one representing the Twinning Partner Country/ies.
Main Inspector of Plant Protection will be responsible for implementation of the project.
Twinning partner will be chosen from among countries, which will present their offers for cooperation.
Twinning partner will be selected according to following criteria and requirements:
- Phytosanitary service meeting all the EU standards
- Availability of structure and qualified human resources enabling to delegate experts providing technical support
- Efficient registration system of producers and plant products distributors
- Availability of system of plant protection products quality control
The Plant Protection Inspection Service will be the beneficiary institution in the twinning component.
The envisaged period of assignment for the PAA – 1 year.

6.3 There are no non-standard procedures planned in the project.

6.4 Expected number of contracts – 2
contract 1 – investment project – total value 2,92 MEURO
contract 2 – twinning project – total value 2,00 MEURO

7 Implementation schedule:
The project Implementation will take place in the years 2001 – 2002. Sequencing of activities will be as follows:
1. Twinning co-operation will start in the 1st quarter of 2001 and will be continued regularly up to 4th quarter of 2002
2. The investment component will be implemented according to the following schedule:
   ⇒ Elaboration of Terms of Reference – 4th quarter of 2000
   ⇒ Tendering and contracting – 1st – 2nd quarter of 2001
   ⇒ Implementation of investments:
   * supply of laboratory equipment, technical devices and transportation means 3rd – 4th quarter of 2001
   * purchase of waste utilisation equipment for the laboratories – 1st – 2nd quarter of 2002
   * supply of equipment for testing of plant protection substances – 1st quarter of 2002

<table>
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<tr>
<th>Realisation time-table</th>
<th>2001</th>
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<td>I-III</td>
<td>IV-VI</td>
</tr>
</tbody>
</table>

04.06 Phytosanitary administration / 10
### Twinning agreement

### Investments

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Laboratory equipment and means of transport</td>
<td></td>
<td></td>
</tr>
<tr>
<td>waste utilisation system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment to control plant protection products</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 8. Equal opportunities:
Women participation results from employment structure of Plant Protection Inspection Service itself, where women constitute over 50% of staff. Participation of women in the project will be measured by percentage ratio of women participating in the study visits, training programmes and seminars.


#### 11. Investment criteria: n.a.

#### 12. Conditionality and sequencing
In 2000 the Law on Crop Protection will be amended. Over the period of 2000-2002 the regulations on the following issues will be introduced:
- control of the most dangerous diseases and plant pests
- registration of producers and plant passports
- protected zones
- specifications of the organisms subject to control.
### Annex 1: LOGFRAME PLANNING MATRIX FOR PROJECT

<table>
<thead>
<tr>
<th>Programme Number</th>
<th>Project Title</th>
<th>Date of Drafting</th>
<th>Planning Period</th>
<th>Total Budget of Project:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Phare: 4,0 MEURO</td>
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</tbody>
</table>

#### Wider Objectives

<table>
<thead>
<tr>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjusting of working principles and methods of phytosanitary administration in Poland to those binding in the EU. Achievement by Polish phytosanitary administration of the standard and efficacy of activity equivalent to the level of phytosanitary administration existing in the EU Member States.</td>
<td>Harmonisation of legal regulations, organisation and standards of activity of phytosanitary administration with those existing in the EU. Establishing phytosanitary standards according to the rules applied in the EU Member States.</td>
<td>Documents provided by Ministry of Agriculture and Rural Development. Analyses and evaluations made by the Main Inspectorate of Plant Protection Analyses and assessments made by the EU experts.</td>
<td>A: Detailed knowledge of legal and organisational structures compulsory in EU A: Harmonisation of working principles and methods of phytosanitary administration with those obligatory in the EU Member States; A: Adequately qualified personnel of Plant Protection Inspection R: Lack of understanding and commitment of Polish Government in preparation of agricultural sector for integration with the EU.</td>
</tr>
</tbody>
</table>

#### Immediate Objectives

<table>
<thead>
<tr>
<th>(5)</th>
<th>(6)</th>
<th>(7)</th>
<th>(8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outputs of Project</td>
<td>Indicators of Achievement</td>
<td>Sources of Information</td>
<td>Assumptions and Risks</td>
</tr>
<tr>
<td>--------------------</td>
<td>---------------------------</td>
<td>-----------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>(9) Efficient control of crop wholesomeness</td>
<td>? Implementation of phytosanitary standards compliant with those existing in the EU.</td>
<td>? Documents of MARD;</td>
<td>? A: Detailed knowledge of legal and organisational structures obligatory in EU;</td>
</tr>
<tr>
<td>? Increased efficiency of Inspection’s diagnostic activities</td>
<td>? Proper application of EPPO testing procedure</td>
<td>? Reports and evaluation made by long term expert;</td>
<td>? A: Proper use of models of EU Member States;</td>
</tr>
<tr>
<td>? Detection and determination of organisms harmful to plants, including the geographical range in Poland, using methods obligatory in EU countries;</td>
<td>? Uniformed rules of producers and distributors registration system according to EU Directives</td>
<td>? Analyses and evaluation of Main Inspectorate of Plant Protection;</td>
<td>? A: Harmonisation of models to the national conditions;</td>
</tr>
<tr>
<td>? Increased of PPIS employees professional qualifications</td>
<td>? Efficient control of quality of plant protection products system according to EU directive 91/414</td>
<td>? Tests performed after the completion of each training course for inspectors;</td>
<td>? A: Further work of trained personnel in Plant Protection Inspection Service structures;</td>
</tr>
<tr>
<td>? Equipping of Inspection organisational unit with laboratory as well as transportation means.</td>
<td></td>
<td>? Results of EU phytosanitary inspections,</td>
<td>? A: Training staff achieve adequate positions in Plant Protection Inspection Service structures</td>
</tr>
<tr>
<td>? Establishing of producers and distributors registration system</td>
<td></td>
<td>? Plant Protection Inspection Service documents;</td>
<td></td>
</tr>
<tr>
<td>? Implementation of FOSS-NIRS technique used for quality control of plant protection substances</td>
<td></td>
<td>? Reports obtained from the different stages of project implementation</td>
<td>? R: Not adequate time is given to personnel for attending training activities;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>? Monitoring reports from project implementation;</td>
<td>? R: Trained personnel leave Plant Protection Inspection Service structures;</td>
</tr>
<tr>
<td>Inputs</td>
<td>Indicators of Achievement</td>
<td>Sources of Information</td>
<td>Assumptions and Risks</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------</td>
<td>------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>? teaching personnel professionally prepared for conducting training courses</td>
<td>? successful completion of twinning covenant</td>
<td>? Reports and evaluation made by experts;</td>
<td>? A; Proper and high quality training programmes;</td>
</tr>
<tr>
<td>? Pre-Accession Advisor</td>
<td>? training programmes for 500 employees of the Inspection organised according to the planned subjects</td>
<td>? Analyses and evaluations by Main Inspectorate of Plant Protection;</td>
<td>? A; High quality technical support;</td>
</tr>
<tr>
<td>? educational materials</td>
<td>? equipment installed and operational</td>
<td>? Work progress reports of project implementation.</td>
<td>? A; Highly qualified Polish training staff</td>
</tr>
<tr>
<td>? training courses and workshops</td>
<td></td>
<td></td>
<td>? A; Getting knowledge of EU Member Countries models during cooperation in frames of Twinning Covenant</td>
</tr>
<tr>
<td>? logistic and administration subsidiaries for training activity</td>
<td></td>
<td></td>
<td>? R; Lack of readiness of Polish government institutions to financially contribute;</td>
</tr>
<tr>
<td>? premises to carry out phytosanitary control operations;</td>
<td></td>
<td></td>
<td>? R; No acceptation of farmers to participate in the project.</td>
</tr>
<tr>
<td>? supplies of laboratory equipment and transport means;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>? producers and farmers own financial means</td>
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Annex 2-4: Implementation, contracting, and disbursement schedules

<table>
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<td>C</td>
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<tr>
<th>Disbursement schedule</th>
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<td>2.85</td>
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<td>3.7</td>
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|                         |     |     |     |     |     |     |     |
|                         | 0.0 |     |     |     |     |     |     |

|                         |     |     |     |     | 4.0 | 4.0 |

Legend:
- D = design of sub-projects
- C = tendering and contracting
- I = contract implementation and payment

Budget In MEURO

<table>
<thead>
<tr>
<th>IV '00</th>
<th>I'01</th>
<th>II '01</th>
<th>III '01</th>
<th>IV '01</th>
<th>I '02</th>
<th>II '02</th>
<th>III '02</th>
<th>IV '02</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>II</td>
<td>III</td>
<td>IV</td>
<td>V</td>
<td>VI</td>
<td>VII</td>
<td>VIII</td>
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