1. BASIC INFORMATION
1.1 CRIS number: 2002/000-606.01
1.2 Title of the project: Environmental protection and disaster prevention
1.3 Sector: Cross Border Co-operation / Environment protection.
1.4 Location: Poland, Lower Silesian voivodship, Nysa Euroregion.

2. OBJECTIVES
2.1 WIDER OBJECTIVE
- improvement of the condition of environment by limitation and elimination of dangerous substances which are liberated during major-accidents and by elimination of toxic products of combustion,
- institutional reinforcement of State Fire Services,
- ensuring much better realization abilities for resolutions of contracts and international agreements obliging State Fire Services to help German partner in case of ecological catastrophes and natural disasters.

2.2 PROJECT PURPOSE
- increase of efficiency and speed of rescue and firefighting actions following the purchase and implementation of new specialist equipment for operation strategies
- shortening the time needed by State Fire Services units to take effective intervention
- raising the safety level of population on both sides of Polish-German border by creating professional system of carrying out rescue actions in compliance with European norms

2.3 Accession Partnership and NPPA Priorities
This project complies with the National Programme of European Union Membership Preparation accepted by the Cabinet on 12 June 2001 and, in particular, with chapter 22 „Environment”. According to priority 22.16. NPPA - “Administrative and institutional strengthening necessary for approximation of Polish Environmental Law to Community Law”, this priority focuses, among other things, on: „strengthening the administration authorities in the field of the control of major – accident hazards involving dangerous substances”. The assumption of this priority provides as state planned „strengthening staff, organizing and technical potential of authorities which are responsible for implementation of EU Law, especially for the control of major-accident hazards involving dangerous substances”. State Fire Services is one of authorities which are to carry into effect above mentioned priority. The equipment strengthening of State Fire Services (especially the purchase of chemical accident units, but not only) – what this project is going to serve – aims at achievement a state planned. The project also complies with the Accession Partnership as far as mid-term priorities of environment protection are concerned.

2.4 Contribution to the realization of Preliminary National Development Plan and Joint Programming Document (JPD) Phare CBC/interreg Illa
The aims of this project are contained and serve the realization of the priority C – “Environment” described in Joint Programming Document Lower Silesia-Saxony for PHARE CBC II by aiming at limitation of threat/hazard for environment in order to strengthening ecological development of the borderland area. This project serves for realization of specific objectives of cross-border cooperation, such as “limitation of load of residues of dangerous substances in the air, soil and water”, “the surface of the soil better protected”, “better protection and development of scenery and nature in the borderland area” described in Joint Programming Document.

The project is also consistent with the assumptions of Preliminary National Development Plan which says that PHARE funds “will help in considerable increase of investments in these areas which are especially important in aspect of reaching inner and outer cohesion. It concerns, especially, (...) environment protection”.

2.5 Cross border impact
The duty of coming with immediate and efficient aid to the German partner, in case of catastrophes and natural diseases or other serious accidents, is imposed on State Fire Services by Art.1 of the agreement between and the Republic of Poland of 10 April 1997 relating to mutual help during catastrophes and natural disasters or other serious accidents. On the basis of this agreement, the Chief of State Fire Services and Federal Board of Technical Rescue Services signed on 20 August 1998 an agreement concerning close cooperation involving among others: removing wastes and pollutions and searching for and rescuing people and property.
The agreement between German Federal Republic and the Republic of Poland from 7 April 1994 concerning the cooperation in natural environment protection and the agreement between the Republic of Poland and German Federal Republic concerning the cooperation in water economy at border waters obliges the units of State Fire Services to take effective and quick actions in case of danger.

On the level of Lower Silesia Voivodship, the duty of common fight with the German partner against the consequences of natural disasters, and also common preventions from crisis situations results from the agreement concerning the cooperation between Lower Silesia Voivod and the Prime Minister of Saxony signed in Dresden on 2 May 2000. The Chief of State Fire Services in Wroclaw takes part in the works of the group of Lower Silesia Voivodship and presidium of Government District of Dresden concerning border cooperation in crisis management and protection from the consequences of natural disasters, where the practical aspects of cross-border cooperation in the works of rescue services protecting the environment form pollution and ecological catastrophes are analyzed.

In September 2001 within the works of the group the exercises of Polish and German Units of Fire Brigades were carried out, where Polish Units operated in the Saxony area. Both these exercises and everyday cooperation of the Administrative Unit Headquarters in Zgorzelec with the German partner – a.o. April 2001 – joint rescue action on Nysa Luzycka – removing 3 tones of heating oil from the river – revealed the necessity of equipment supplementation of the Polish partner.

Taking all the above into consideration, it seems obvious that the purchase of modern equipment by State Fire Services and locating it in the area of four administrative units included in this project will have a positive trans-border effect. Ecological safety on both sides of the border will increase. In case of fire or ecological catastrophe in the area of Germany, the units of Polish State Fire Services will be able to cooperate at the other side of the border with German units more efficiently. Thus, the German society will benefit from the realization of this project, as the number of high-class specialist equipment will increase and it can be used in order to support the German partner in case of a local threat. Thanks to this fact, it will be possible to diminish both casualties and material losses.

3. DESCRIPTION

3.1 Background and justification

Threats resulting from civilization development and especially catastrophes and natural disasters cannot be eliminated in spite of monitoring and preventive actions. But minimizing the consequences of these threats can have positive influence on attractiveness of the area by increasing the level of safety of the inhabitants and entrepreneurs and thereby stimulate economic development. Direct neighborhood of Poland and Germany determines the necessity of creating rescue systems that can cooperate and help each other during rescue actions.

In earlier period no Phare project connected with rescuing was realized in Lower Silesia voivodship. Further development and adjusting the rescue services to the European standards, within the present budget, requires support from other financing sources.

3.2 Linked activities

Since the creation of Lower Silesia Voivodship in 1999, the actions aiming at increasing the safety of the citizens and optimal organization of the rescue services have been carried out. Their core is National Fire-Fighting and Rescue System that frames organizationally all actions taken by rescue forces: state and volunteer ones. This system allows optimizing the effects of rescue actions with respect to human resources and the owned equipment.

At present, the criterion conditioning the capacities of National Fire-Fighting and Rescue System is the quantity and the quality of the owned fire extinguishing and specialist equipment. Phare programmes have not been realized in Lower Silesia voivodship so far.

3.3 Results of the project

Realization of this project will allow creating the system that ensures high level of safety in case of fires, catastrophes and natural disasters and more efficient cooperation with the services located on the other side of the border what will contribute to the increase of the investment safety in the location of project realization.

3.4 Activities:
Realization of the enterprise shows a need the purchase of:
1 heavy-duty chemical accident unit
2 heavy-duty fire-extinguishing tenders
6 medium sized rescue-extinguishing tenders
1 container with a pump of high efficiency
2 tractors – container carriers

4. INSTITUTIONAL FRAMEWORK
4.1 The project will be realized within the organizational structure of State Fire Services established on 24 August 1991 by the bill on State Fire Services. Voivod Headquarter of State Fire Services in Wroclaw and Administrative Unit Headquarters of Zgorzelec, Boleslawiec, Luban, Lwowek Slaski will take part in realization of the project.

4.2 There are no institutional limitations for the project. The effects of the project will not lead to the change of described institutional frames.

4.3 Not applicable.

4.4 In this project, the Voivodship Headquarters will be the ordering party and will finalize the tender for the purchase of the equipment referred to in this project. The purchased equipment will be transferred to fire-fighting and rescue units of State Fire Services located in the administrative units of Zgorzelec, Boleslawiec, Lwowek Slaski, and Luban. The State Fire Services will be the owner of the equipment.

Beneficiary: Komenda Wojewodzka Państwowej Straży Pożarnej we Wrocławiu, ul. Borowska 138, 50-552 Wrocław, tel +48 071 368 22 01; fax +48 071 367 33 74; e-mail kw@kwpsp.wroc.pl

5. BUDGET (M€)

<table>
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<th>Task</th>
<th>Financing PHARE CBC 2002</th>
<th>Country co-financing</th>
<th>Financing international financial institutions</th>
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<td>Investment support</td>
<td>Institutional development support</td>
<td>Total PHARE</td>
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<td>Total</td>
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<td>0</td>
<td>2</td>
<td>0.7</td>
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</table>

Co-financing will be available.

6. IMPLEMENTATION ARRANGEMENTS
6.1 Implementation agency
Implementing agency:
Phare CBC Implementing Authority
Ministry of Internal Affairs and Administration
00-522 Warsaw, 36 Krucza Street, Poland
Phone: +4822 6959910/11
Telefax: +4822 6959912/13
E-mail: Phare@wwpwp.it.pl
www.wwpwp.it.pl
PAO:
Mr Zenon Kosiniak – Kamysz
Under-secretary of State
Ministry of Internal Affairs and Administration
02-591 Warsaw, 5 Batorego Street, Poland

6.2 Twinning
Not applicable

6.3 Nonstandard aspects
During preparation and implementation of the project beneficiary will strictly obey contracting procedures DIS (decentralized implementation system), as described in “Practical Guide for implementation of PHARE, ISPA and SAPARD programs”

6.4 Contracts
The purchase of equipment will be covered by one contract for the amount of 2,7M€ - joint co-financing
7. IMPLEMENTATION SCHEDULE
7.1 Beginning of the tender period
1st quarter of 2003
7.2 Beginning of the project operation.
2nd quarter of 2003
7.3 Finishing of the project
2nd quarter of 2004

8 EQUAL OPPORTUNITY
The project is neutral as equal rights of men and women are concerned. The realization of the project does not discriminate any sex. Operation of the equipment and the participation in National Rescue and Fire-Fighting System is determined only by the possessed entitlements described by law in force that does not discriminate any sex

9 ENVIRONMENT
The analysis of chemical and ecological threats in Lower Silesia voivodship and operational protection and the capacities of the rescue units of the National Fire-Fighting and Rescue System were carried out. The analysis was carried out in the first quarter of 2001.
The analysis of chemical and ecological threats and of the operational capacities is contained in the report “Analysis of chemical and ecological threats and operational protection of the Lower Silesia voivodship” is contained in the report prepared by the Voivodship Headquarters of the State Fire Services in Wroclaw. It is available at the City Headquarter.
Realization of the project allows for increasing the operational capacities of the units of the State Fire Services related to fighting and minimizing the consequences of failures and other incidents resulting from releasing the dangerous substances. The conclusions contained in the report show a need of creating a net of rescue equipment displacement and accepting defined organizational solutions. These solutions include specialist preparation of defined group of rescue team members (now being realized), and creation of a specialist group for chemical-ecological rescue team for the area of the western part of the voivodship. This component of the project can be realized only after supplementing the equipment in the course of the project realization.

10 RATES OF RETURN
This is a non-profit enterprise. The present rate of return is at level of 24.6%.

11 INVESTMENT CRITERIA
11.1 Catalytic effect:
Realization of the project will result in increase of the level of safety of entrepreneurs and society, and indirectly the economic development of the region. Raising the standard of rescue operations will allow to:
- diminish the threats to life and safety of the population resulting from fires, accidents and natural disasters;
- diminish the cost of treatment of the victims of fires, accidents and natural diseases as a result of professional rescue actions
- minimize loses
- create a safe region what will indirectly influence its economic development. Investors prefer investing in the areas ensuring a suitable level of safety
11.2 Co-financing
Funds for the purchase of the equipment are also obtained form other sources. Apart from the national budget, also self-government authorities and economic entities of Lower Silesia voivodship financially co-finance the needs of State Fire Services.
11.3 Additionality
Phare funds will be a replenishment of budget funds. The size of the budget funds is not big enough and does not allow for purchasing new equipment.
11.4. Project readiness and size
At the moment of allocation of funds it is possible to start the immediate realization of the enterprise. Technical specification of required equipment has already been prepared. Required own assets will be
included in the budget of Voivodship Headquarter of State Fire Services in Wroclaw and respective administrative unit headquarters of the State Fire Services.

11.5 . Sustainability
The project will be self-sustainable in long-term perspective. The equipment bought within the programme will be modern, of high quality, designed for long term use and complying with EU requirements. The financial self-sufficiency of the project will be guaranteed by financial funds allocated by The Voivodship Headquarters of State Fire Services and administrative unit headquarters of State Fire Services. They will cover the expenses related to the maintenance, upkeep and storage of the purchased equipment.

11.6 . Compliance with state aids provisions
The project is consistent with the decisions of European Treaty signed on 16 December 1991, associating the Republic of Poland and European Communities and their member countries, saying about help of a state.

11.7 . Contribution to the National Development Plan and Joint Programming Document
The aims of this project are contained and serve the realization of the priority C – “Environment” defined in Joint Programming Document Lower Silesia – Saxony for PHARE CBC II by aiming at limitation of threat/hazard for environment in order to strengthening ecological development of the borderland area.

The project is also consistent with the assumptions of Preliminary National Development Plan which says that PHARE funds “will help in considerable increase of investments in these areas which are especially important in aspect of reaching inner and outer cohesion. It concerns, especially, (...) environment protection”.

12 CONDITIONALITY AND SEQUENCING

The realization of this project depends on receiving necessary funds from Phare fund to purchase the equipment. The beneficiary has prepared technical specification of the equipment mentioned in the application. At the moment of receiving a positive decision the tender documentation will be prepared and the tender procedure will begin in 2003.

ANNEXES TO THE PROJECT

1. Log frame matrix in standard format
2. Detailed graph of implementation.
3. Quarterly schedule of contracts and disbursement for the full time of the project.
Annex 1: LogFrame

LOGFRAME PLANNING MATRIX

Cross-border environment protection and overcoming consequences of catastrophes and natural disasters in Lower Silesia voivodship and Saxony land in respect to national, federal and EU institutions.

<table>
<thead>
<tr>
<th>Programme name and number</th>
<th>contracting period expires 15/10/04</th>
<th>Disbursement period expires 15/10/05</th>
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<td>LOGFRAME PLANNING MATRIX</td>
<td>Disbursement period expires 15/10/05</td>
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<tr>
<td></td>
<td>Total budget</td>
<td>Phare budget:</td>
</tr>
<tr>
<td></td>
<td>2.7 m. EUR</td>
<td>2 m. EUR</td>
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</table>

### Overall objective

- Characterize broad/strategic objectives
  - improvement of the condition of environment by limitation and elimination of dangerous substances which are liberated during major-accidents and by elimination of toxic products of combustion,
  - institutional reinforcement of State Fire Services
  - ensuring much better abilities for realization of resolutions of contracts and international agreements obliging State Fire Services to help German partner in case of ecological catastrophes and natural disasters.

### Objectively verifiable indicators

- reduced level of pollution of air, surface of solid and water of Odra and Nysa Luzycka river-basin,
- fulfilling the resolutions of international contract and agreements concerning help to the German partner in case of catastrophes and natural disasters

### Sources of verification

- statistical data of incidents and interventions of Fire Service EWID collected at Main Headquarter of State Fire Service and Voivodship Headquarter of National Fire Brigade,
- data from monitoring conducted by Voivod Inspection of Environment Protection,
- results of specialist analyses and research conducted by main Headquarter of State Fire Service, made a year after the end of realization of the project.
<table>
<thead>
<tr>
<th><strong>Project purpose</strong></th>
<th><strong>Objectively verifiable indicators</strong></th>
<th><strong>Sources of verification</strong></th>
<th><strong>Assumptions</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>- increase of efficiency and speed of rescue and firefighting actions due to purchase and implementation of new specialist equipment</td>
<td>- lower number of death-toll of accidents and fires</td>
<td>- statistical data of incidents and interventions of Fire Brigade EWID collected at Main Headquarter of national Fire Brigade and Voivodship Headquarter of National Fire Brigade, - data from monitoring conducted by Voivod Inspection of Environment Protection - results of specialist analyses and research conducted by main Headquarter of National Fire beneficiary’s reports made a year after the end of the realization of the project</td>
<td>- changes in legislation, national politics and in European Union concerning international cooperation at fighting the consequences of fires, catastrophes and natural disasters</td>
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<tr>
<td>- shortening the time needed to take effective intervention by State Fire Service units</td>
<td>- 10% lower value of loses caused by fires and lower level of emission of toxic products of combustion to atmosphere</td>
<td>- 3 hour shorter time of intervention of specialist chemical rescue group</td>
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<tr>
<td>- lowering the average age of fire and rescue engines for a minimum 30%</td>
<td>- beneficiary report made immediately after contracting</td>
<td>- proper allocation, maintenance in readiness of the purchased equipment, - proper qualifications and the skill in maintenance of the personnel, - delay in contract procedures, - events of vis major traits</td>
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<tr>
<td>- creating a modern system in the area of Lower Silesia the role of which is to counteract natural disasters and ecological catastrophes.</td>
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<td>- beneficiary report made immediately after contracting</td>
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<tr>
<td><strong>Activities</strong></td>
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<td><strong>Assumptions</strong></td>
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<td>- purchase of the equipment mentioned in the project: 1 heavy-duty chemical accident unit, 1 heavy-duty fire-extinguishing tender, 6 medium sized rescue-extinguishing tenders, 1 container with the water rescue equipment, 1 “pump” container with a pump of high efficiency, 2 tractors – containers’ carriers</td>
<td>- signing the contract for the delivery of the mentioned equipment</td>
<td>- training of the users</td>
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<td>- signing the contract for the delivery of the mentioned equipment</td>
<td>- training of the users</td>
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<td><strong>Preconditions</strong></td>
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<td>- taking the decision to realize the project</td>
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<td>- signing proper agreements</td>
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**Aneks 2-3: Implementation, contracting and disbursement schedule,**

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### Estimated Costs

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### Schedule of Realization

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### Schedule of Contracting

- **Harmonogram**

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### Schedule of Disbursement

- **Contract 1**

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**Legend:**

- **D** = designing of sub-projects
- **C** = tenders and contracting
- **I** = realization of contracts and payments

*give the sums in m. EURO increasingly*