

Standard Project Fiche for Phare 2005

1. Basic Information

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|------------------------|---|
| 1.1 CRIS Number | 2005/017-454.03.01 |
| 1.2 Title: | Cross-border co-operation in prevention, surveillance and control of endemic infectious and parasitic diseases |
| 1.3 Sector: | Public Health/Social Development |
| 1.4 Location: | Bulgarian – Greek cross-border region |
| 1.5 Duration | <i>18 months</i> |

2. Objectives

2.1 Overall Objective:

Improve public health and achieve sustainable strengthening of the prevention, surveillance and control of the major endemic for the Balkan region emerging and re-emerging vector- and blood-borne infections and zoonoses of substantial health and social importance

2.2 Project purpose:

Establish a cross-border system for surveillance based on harmonized laboratory diagnosis and standards, exchange of information in the border and sustainable improvement of the control and prevention of endemic infectious and parasitic diseases. (Malaria, Echinococcosis/hydatidosis, Lyme disease, Q fever, Mediterranean spotted fever, Crimean Congo hemorrhagic fever, Viral hepatitis B and C)

2.3 Accession Partnership (AP) and NPAA priority

Employment and Social Policy

Building on effective programmes on surveillance and control of communicable diseases (CD) in line with the Community requirements and for health monitoring and information in line with EU standards

Roadmap for Bulgaria

Focused and adequate coordinated action in surveillance and control of CD in line with the *acquis*

2004 Regular Report on Bulgaria's Progress towards Accession

“Investment in the public health system and in particular in the system for communicable disease surveillance and control is required. Laboratory equipment and techniques should be updated to meet minimum EU requirements. The legislation relating to communicable diseases should be urgently updated and an early warning system developed”.

2.4 Contribution to National Development Plan)

The project goals are consistent with the main national development priorities. The project activities proposed are related to some ongoing national programmes such as: National Programme on vector-borne disease, National Programme on surveillance and control of echinococcosis and National Programme on STI.

2.5 Cross Border Impact

The current project has been prepared as a mirror initiative to the already funded under INTERREG II and INTERREG III Projects, which have been already implemented or are to start implementation by the Greek counterparts.

The project focuses on a number of endemic CD, typical for the whole Balkan region including Bulgaria and Greece, because of the similar climatic and geographical conditions. The targeted by the project diseases represent a real threat for the populations in the two neighbouring countries. Cross-border cooperation in the implementation of measures developed to prevent and control these diseases is critical for the successful management of human resources and improvement the quality of life for the Balkan populations in the near future. The synchronized CD surveillance and control performed by highly trained in epidemiology and modern laboratory techniques staff of the Regional Inspections of Public Health Protection and Control (RIPHPC) are activities ensuring a strong cross-border impact (social and health).

The common benefits will be reduction and prevention of further economic losses, community and people expenditures on health, school absenteeism, and losses of the tourist industry.

In general, it will improve the living standard of the border population.

3. Description

3.1 Background and justification:

This is the **first project in the Public Health Sector of Phare CBC** Bulgaria-Greece Programme. The project will initiate cooperation between the Bulgarian and the Greek agencies dealing with prevention, surveillance and control of endemic infectious and parasitic diseases in the cross-border region, and will improve the achievements of the national projects implemented in this sector.

The current cross-border Project draws attention to the prevention and control of infectious and parasitic diseases that are endemic in the cross-border region and activities are focused only in 4 districts. In most of these districts parasitological laboratories are lacking of suitable diagnostic appliances or with out-of-date equipment. The priorities here are given to strengthening mainly parasitological and partial assistance for microbiological laboratories.

The education on the targeted endemic zoonoses and blood-borne diseases was insufficient in the last years; further **health promotion among the population** is necessary, as well as **education of personnel**. These specific activities **require additional equipment** as: microscopes, multimedia and computers for parasitological laboratories. This priority areas identified by the National Health Strategy are considered in this Project.

This project is a **further development** of the **project BG 2004/016-711.02.03 and BG 2005/017-353.05.01 “Strengthening the National Surveillance System for Communicable Diseases”** financed under 2004 and 2005 Phare NP, aiming at ensuring the integration of the national CD surveillance system into the EU surveillance Networks.

The Project also aims at further development of the cooperation between Bulgaria and Greece, established by the INTERREG II Programme in the field of Human Resources and Environment Protection.

The regional governmental authorities in the border regions are very much interested to establish an **effective and sustainable partnership** in prevention, surveillance and control of endemic infectious and parasitic diseases. The Governors of the Bulgarian, Greek and Turkish border regions have conducted a workshop on malaria on 4th of April 2005 in Seres. The purpose of the workshop was to identify the problems by presenting studies of malaria cases in the border regions. The participants have agreed to coordinate their efforts and to initiate a cross-border association for prevention, surveillance and control of malaria.

The Prefecture of Seres already implemented a project funded by INTERREG II against malaria in the border region. Establishment of a scientific center with a laboratory, mapping the mosquito areas, and implementing measures for reduction of mosquito population are some of the activities to be implemented within the project.

The Prefecture of Evros and Haskovo Region have envisaged another project to be funded under INTERRE IIIA / PHARE CBC Greece - Bulgaria. The goal of the project is to implement a Program with practical measures for fighting off with the mosquitoes in the both regions.

In order to expand in operational and training aspects the positive results obtained during the previously completed Interreg II Programme “Inter-border co-operation on prophylaxis of viral diseases (Hepatitis B, Hepatitis C and STD)” (1998-2000), this Project will focus on a number of endemic infectious and parasitic diseases like malaria, echinococcosis, HBV, HCV, and tick-borne zoonoses. These infections and parasitoses are typical for the whole region based on the similar climatic and geographical conditions defining their common ecological and epidemiological features. Thus, they represent a real threat for the populations in the two neighbouring countries.

The *regional public health structures* involved in the Project are RIPHPC in Blagoevgrad, Haskovo, Kardjali and Smolyan. The RIPHPC represents the operational core of CD surveillance and control. Within the RIPHPC structure laboratory network exists, which covers the etiological diagnosis and surveillance. The RIPHPC specialists in epidemiology, microbiology, virilgy and parasitology are conducting CD surveillance and control activities and health promotion. All these public health services are supervised and financed by the Ministry of Health (MoH).

At this stage the **regional RIPHPC** laboratories do not have enough capacity including equipment to implement advanced laboratory methods for confirmation of infectious and parasitic diseases. The **absence of a specific training programs and appropriate PC software** limits the possibilities for early detection of important health events.

Both countries will benefit from the results of the Project not only on regional but also on national level. A substantial progress is expected in obtaining evaluation of the situation and setting up of an efficient cross-border system of surveillance and control of infectious and parasitic diseases. The harmonization of the educational programs will be an additional benefit.

The project will enhance the experience and capacity of the involved Bulgarian experts regarding all aspects of the implementation and maintenance of good medical practice in the prevention and control of targeted diseases.

An essential part of the project is **focused on creating of a public awareness** and improving health promotion regarding the prevention of the targeted diseases by conducting special public trainings, using mass media, etc. All activities will be directed to the community and implemented through community participation.

The overall weakness of the institutions involved in the CD surveillance and control in Bulgaria is in the lack of modern equipment for quick diagnosis, insufficient financial resources and trained specialists in early detection, investigation and reporting of health risks and diseases.

3.2. Sectoral rationale

N/A

3.3 Results

Component 1

- A Network for cross-border co-operation initiated by the established Border Coordination Committee in prevention, surveillance, early response and control of endemic infectious and parasitic diseases between Bulgaria and Greece;
- Mirror systems in malaria and zoonoses prevention, surveillance and control set up;
- Improved system for prevention, surveillance and control of endemic and blood-borne infectious and parasitic diseases including:
 - Harmonized diagnostic methods in both countries;
 - Surveillance and control standards harmonised with the European standards;
 - Epidemiological maps of the cross border regions created;
 - Updated and harmonized CD system for monitoring, surveillance, control and prevention developed and introduced;
 - Improved capacity of the Bulgarian experts and institutions in surveillance and control of endemic and blood-borne infectious and parasitic diseases;
- A public awareness created and involvement the general population in the conducted activities assured;
- Technical specifications for equipment prepared.

Component 2

- Laboratory and IT equipment provided

3.4 Activities (including Means)

Component 1 - Technical Assistance:

General activities:

- Establishing a Network for cross-border co-operation and a Border Coordination Committee in prevention, surveillance, early response and control of endemic infectious and parasitic diseases between Bulgaria and Greece;
- Providing continuing staff education; Preparing of training materials, exchange of specialists and organization of short courses;
- Promoting harmonisation of the laboratory diagnosis and epidemiological surveys standards for the targeted diseases;
- Implementation of the harmonized standards to improve the access of the population to the medical services and enhance the quality of lab confirmation of the targeted infectious and parasitic agents;
- Setting up epidemiological information exchange in the border region;

- Raise professional staff capacity in CD diagnosis and control;
- Improve management capacity of the involved institutions;
- Creating of a public awareness and improving health promotion regarding the prevention of the targeted diseases by conducting special public trainings, using mass media, etc and actively involve the population in the conducted activities;
- Preparation of technical specifications for the equipment of laboratories for microscopical, serological and bimolecular examinations and the needs of hardware and software for data collection and processing in the four Bulgarian regions

Mirror activities:

Malaria

- Establishing a mirror system for cross-border cooperation for surveillance and prevention;
- Mapping of the mosquito breeding sites in the border area;
- Research program on monitoring the mosquito species population;
- Research program on monitoring the larvae population at mosquito breeding sites;
- Monitoring the effectiveness of sprayings;
- Health promotion and involvement of the general population in malaria prevention activities.

Zoonoses (Echinococcosis/hydatidosis, Q fever, Marseilles fever, Lyme disease, Crimean Congo hemorrhagic fever):

- Recording of zoonoses, both in Greece and Bulgaria and creation of an epidemiological map of the cross border regions;
- Harmonize the diagnostic methods in both countries;
- Harmonize the surveillance and control standards for the targeted diseases with the European standards;
- Control of risk factors regarding targeted diseases affecting the inhabitants of the boarder area;
- Undertaking of sero-epidemiological, entomological and zoological investigations in the endemic foci of the four regions aimed at achieving basic information needed for the development of inter-border activities for preventive and interventional measures against the endemic infections;
- Conducting systematic monitoring for defining the endemic foci activity;
- Improve epidemiological investigation and control of targeted diseases;
- Scientific workshops for know-how exchange and training of experts.

Additional activities:

Malaria:

- Development a stratification of the border regions of Bulgaria and Greece regarding the malaria risk through a study of the receptivity, vulnerability and malariogenic potential;
- Elaboration of a system of control measures aiming at prevention of malaria endemic and epidemic spreading including a probable situation of introduction of autochthonous malaria cases in both countries.

Viral hepatitis B and C:

- Establishment the spreading of the blood- borne viral (HBV, HCV) infections among risk gropes in the Bulgarian-Greece boundary regions;
- Improving diagnosis of the hepatitis viruses with purpose of more effective control and prevention;

- Monitoring of the HBV, HCV by ELISA- and PCR- based qualitative and quantitative analyses in order to outline a joint preventive measures for restriction of these infections among human population in Bulgarian-Greece boundary regions.

Component 2 - Equipment acquisition for monitoring and maintenance activities

- Laboratory equipment: microscopes, incubators, centrifuges, termocyclers, ELISA-systems, safety cabinets etc.;
- Field equipment for mosquitoes monitoring;
- Equipment and larvicides for mosquitos' control;
- IT, communication and training equipment: computer systems and appropriate software, faxes, copy machines, internet connections, etc.;
- Movable laboratory and four cars for emergency situations and mobile teams field work, for control and making laboratory tests in isolated locations, for conducting the health education;
- Diagnostics, reagents stocks and supplies.

3.5 Linked Activities

The Project is linked with the following programs, projects and other events already completed or under implementation as it follows:

Ongoing national programs such as:

National Program on vector-borne disease,

National Program on surveillance and control of echinococcosis, and

National Program on STI.

Projects:

Interreg II Programme: “Interborder co-operation on prophylaxis of viral diseases (Hepatitis B, Hepatitis C and STD)”, 1998-2000;

Phare Projects: BG 2004/016-711.02.03 and BG 2005/017-353.05.01 “Strengthening the National Surveillance System for Communicable Diseases”

Cross-border conferences, workshop and experts meetings on mosquito control and protection of public health in 2001, 2004 and 2005 in Seres, and on zoonoses control in 2003 in Thessaloniki;

Setting up a Cross-border association for control of mosquitoes between the border Greek, Bulgarian and Turkish regions/prefectures on 4 April 2005;

3.6 Lessons learned:

The conferences, workshops and meetings and the assessment studies on malaria and mosquito conducted separately or in cooperation between Bulgarian and Greek authorities and agencies on a national and regional level have identified that the mosquito populations and malaria cases are growing and become an issue in the cross-border region, affect people health, deteriorate people life standard and disturb tourism development.

The regional officials and experts have agreed that the problem can be effectively solved by combining the efforts on the both sides of the border including in the area of establishing mirror surveillance and control systems and methods. For this they need to establish networks, modern equipped laboratories and trained staff.

4. Institutional Framework

The Ministry of Regional Development and Public Works will be acting as a **Contracting Authority** with the overall responsibility for the programme implementation, administrative, technical and financial management of the grant scheme.

A **Steering Committee** will be composed of representatives from the following institutions:

- The Ministry of Regional Development and Public works
- Ministry of Health;
- RIPHPCs in Blagoevgrad, Smolyan, Kurjali and Haskovo;
- District administrations involved in the project,
- Representative of Greek regional administration;
- EC Delegation as observer.

5. Detailed Budget

	Phare/Pre-Accession Instrument support	Co-financing			Total Cost
€M		National Public Funds (*)	Other Sources (**)	Total Co-financing of Project	
Year 2005 - Investment support jointly co funded					
Component 2 – Supply of equipment	0.675	0.225	-	0.225	0.900
Investment support – sub-total	0.675	0.225	-	0.225	0.900
<i>% of total public funds</i>	<i>max 75 %</i>	<i>min 25 %</i>			

Year 2005 Institution Building support					
Component 1 – TA	0.800	-	-	-	0.800
IB support	0.800	-	-	-	0.800

Total project 2005	1.475	0.225	-	0.225	1.700
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(*) contributions from National, Regional, Local, Municipal authorities, FIs loans to public entities, funds from public enterprises
(**) private funds, FIs loans to private entities

6. Implementation Arrangements

6.1 Implementing Agency

The Implementing Agency will be the Ministry of Regional Development and Public Works through its IA Phare CBC.

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Local institutions:

RIPHPC Blagoevgrad

RIPHPC Smolyan

RIPHPC Haskovo

RIPHPC Kardjali

6.2 Twinning

N/A

6.3 Non-standard aspects

N/A

6.4 Contracts

One Service contract – Phare amount 0.800 M€

One Supply contract – Total amount – 0.900 M€including: Phare amount 0.675 M€and 0.225 M€
national co-financing

7. Implementation Schedule

	Service contract	Supply of equipment
Start of tendering/call for proposals	January 2006	November 2006
Start of project activity	October 2006	August 2007
Project completion	March 2008	December 2007

8. Equal Opportunity

Equal opportunity for men and women to participate in all the components of the project will be ensured.

The project implementation procedures will ensure that the project brings benefits to both men and women and as well to the ethnic groups.

9. Environment

The activities will not have any harmful effects on the environment and EIA and screening is not required.

10. Rates of return

N/A

11. Investment criteria (applicable to all investments)

11.1 Catalytic effect

Without PHARE CBC assistance, the Project would not be implemented in the near future because of lack of national funds. EU PHARE CBC funds will catalyze the implementation of the EC environmental *acquis* and assist the country during pre-accession period.

11.2 Co-financing

The investment component is to be co-financed by the National Fund which will provide 25 % of the total costs of the equipment.

11.3 Additionality

No other financing sources from the private sector or from IFIs were available for financing this project.

11.4 Project readiness and size

The project is ready to start according to the implementation chart (Annex 2).

A Technical Assistance under a PPF 2003 (Framework Contract) will be provided in order to prepare the TOR for the first component and needs assessment and Technical Specifications for the second component.

11.5 Sustainability

The Project will be sustainable in the long term because of the crucial importance of the measures to be taken for surveillance, control and prevention of epidemic prone communicable diseases in the border area.

The maintenance and operational costs for the monitoring and other activities will be undertaken by the project beneficiaries (Ministry of Health).

According to the recommendations and lessons learned from previous projects, the beneficiaries have to ensure a proper implementation of the project by providing the

necessary personnel, qualified and available to undertake the responsibilities and to ensure the sustainability after the project completion.

11.6 Compliance with state aids provisions

The Project respects the state aids provisions.

12. Conditionality and sequencing

N/A

ANNEXES TO PROJECT FICHE

1. Logframe in standard format
2. Detailed implementation chart
3. Contracting and disbursement schedule, by quarter, for full duration of project (including disbursement period)
4. Reference list of relevant laws and regulations
5. Indicative technical specification of Equipment for Parasitological, Microbiological and Virulological laboratories, for mobile laboratory and Epidemiological departments
6. Supporting document – Agreement

Annex 1-Logical framework

LOGFRAME PLANNING MATRIX Cross-border co-operation in surveillance and control of epidemic prone infections and parasitic diseases		Programme name and number	
		Contracting period expires: November 30, 2007	Disbursement period expires: November 30, 2008
		Total budget: MEUR 1.700	Phare budget MEUR 1.475
Overall objective	Objectively Verifiable Indicators	Sources of Verification	
<ul style="list-style-type: none"> Improve public health and achieve sustainable strengthening of the prevention, surveillance and control of the major endemic for the Balkan region emerging and re-emerging vector- and blood-borne infections and zoonoses of substantial health and social importance. 	<ul style="list-style-type: none"> Decreased number of infected people EU standards met. 	<ul style="list-style-type: none"> Country reports Health care statistics and reports Official Reports on the implementation 	
Project purpose	Objectively Verifiable Indicators	Sources of Verification	Assumptions
<ul style="list-style-type: none"> Establish a cross-border system for surveillance based on harmonized laboratory diagnosis and standards, exchange of information in the border and sustainable improvement of the control and prevention of endemic infectious and parasitic diseases. (Malaria, Echinococcosis/hydatidosis, Lyme disease, Q fever, Mediterranean spotted fever, Crimean Congo hemorrhagic fever, Viral hepatitis B and C). 	<ul style="list-style-type: none"> Monitoring and information system in place Improved national system 	<ul style="list-style-type: none"> Official Monitoring Reports Official Reports Project Implementation Monitoring by EC Delegation Country reports Health care statistics 	<ul style="list-style-type: none"> Good cross border cooperation. Positive impact of the implementation of the project activities

Results	Objectively Verifiable Indicators	Sources of Verification	Assumptions
<p>1. A Network for cross-border co-operation initiated by the established Border Coordination Committee in prevention, surveillance, early response and control of endemic infectious and parasitic diseases between Bulgaria and Greece;</p> <p>2. Mirror systems in malaria and zoonoses prevention, surveillance and control set up;</p> <p>3. Improved system for prevention, surveillance and control of endemic and blood-borne infectious and parasitic diseases including:</p> <ul style="list-style-type: none"> • Harmonized diagnostic methods in both countries; • Surveillance and control standards harmonised with the European standards • Epidemiological maps of the cross border regions created; • Updated and harmonized CD system for monitoring, surveillance, control and prevention developed and introduced; • Improved capacity of the Bulgarian experts and institutions in surveillance and control of endemic and blood-borne infectious and parasitic diseases; • A public awareness created and involvement the general population in the conducted activities assured. <p>4. Laboratory and IT equipment provided.</p>	<ul style="list-style-type: none"> • Established network for cross-border cooperation • Border Coordination Committee promoted • Initiated Mirror systems • Harmonized diagnostic Methods • Harmonized surveillance and control standards • Completed epidemiological map • Existing harmonized CD system for monitoring, surveillance, control and prevention • A trained staff of the regional laboratories trained-12 • Equipped laboratories-4 	<ul style="list-style-type: none"> • Project Reports • Project Implementation Monitoring by EC Delegation • Official Monitoring Reports • Reports developed by the consultant • Phare CBC Monthly meetings • Border Coordination Committee • Joint Monitoring Committee • Ministries web sites 	<ul style="list-style-type: none"> • Support from other relevant institutions • Output relevant to project beneficiaries needs • Project time-schedule followed

Activities	Means		Assumptions
<p>Component 1 - Technical Assistance:</p> <p>General activities:</p> <p>Establishing a Network for cross-border co-operation and a Border Coordination Committee in prevention, surveillance, early response and control of endemic infectious and parasitic diseases between Bulgaria and Greece;</p> <p>Providing continuing staff education; Preparing of training materials, exchange of specialists and organization of short courses;</p> <p>Promoting harmonisation of the laboratory diagnosis and epidemiological surveys standards for the targeted diseases;</p> <p>Implementation of the harmonized standards to improve the access of the population to the medical services and enhance the quality of lab confirmation of the targeted infectious and parasitic agents;</p> <p>Setting up epidemiological information exchange in the border region;</p> <p>Raise professional staff capacity in CD diagnosis and control;</p> <p>Improve management capacity of the involved institutions;</p> <p>Creating of a public awareness and improving health promotion regarding the prevention of the targeted diseases by conducting special public trainings, using mass media, etc and actively involve the population in the conducted activities.</p> <p>Mirror activities:</p>	<ul style="list-style-type: none"> • 0.800 MEUR Service Contract • 0.900 MEUR Supply Contract • Number of staff from the beneficiary, from the Implementing Agency and other institutions involved in the project implementation • The consultants' team • Equipment for qualitative and quantitative monitoring 		<ul style="list-style-type: none"> • The personnel will be willing to implement this project • Effective co-operation between GR and BG

<p>Malaria</p> <p>Establishing a mirror system for cross-border cooperation for surveillance and prevention; Mapping of the mosquito breeding sites in the border area; Research program on monitoring the mosquito species population; Research program on monitoring the larvae population at mosquito breeding sites; Monitoring the effectiveness of sprayings; Health promotion and involvement of the general population in malaria prevention activities.</p> <p>Zoonoses (Echinococcosis/hydatidosis, Q fever, Marseilles fever, Lyme disease, Crimean Congo hemorrhagic fever): Recording of zoonoses, both in Greece and Bulgaria and creation of an epidemiological map of the cross border regions; Harmonize the diagnostic methods in both countries; Harmonize the surveillance and control standards for the targeted diseases with the European standards; Control of risk factors regarding targeted diseases affecting the inhabitants of the boarder area; Undertaking of sero-epidemiological, entomological and zoological investigations in the endemic foci of the four regions aimed at achieving basic information needed for the development of inter-border activities for preventive and interventional measures against</p>			
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<p>the endemic infections; Conducting systematic monitoring for defining the endemic foci activity; Improve epidemiological investigation and control of targeted diseases; Scientific workshops for know-how exchange and training of experts.</p> <p>Additional activities: Malaria: Development a stratification of the border regions of Bulgaria and Greece regarding the malaria risk through a study of the receptivity, vulnerability and malariogenic potential; Elaboration of a system of control measures aiming at prevention of malaria endemic and epidemic spreading including a probable situation of introduction of autochthonous malaria cases in both countries.</p> <p>Viral hepatitis B and C: Establishment the spreading of the blood- borne viral (HBV, HCV) infections among risk gropes in the Bulgarian-Greece boundary regions; Improving diagnosis of the hepatitis viruses with purpose of more effective control and prevention; Monitoring of the HBV, HCV by ELISA- and PCR- based qualitative and quantitative analyses in order to outline a joint preventive measures for restriction of these infections among human population in Bulgarian-Greece boundary regions.</p>			
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<p>Component 2 - Equipment acquisition for monitoring and maintenance activities</p> <p>Laboratory equipment: microscopes, incubators, centrifuges, termocyclers, ELISA-systems, safety cabinets etc.;</p> <p>Field equipment for mosquitoes monitoring;</p> <p>Equipment and larvicides for mosquitos' control;</p> <p>IT, communication and training equipment: computer systems and appropriate software, faxes, copy machines, internet connections, etc.;</p> <p>Movable laboratory and five cars for emergency situations and mobile teams field work, for control and making laboratory tests in isolated locations, for conducting the health education;</p> <p>Diagnostics, reagents stocks and supplies.</p>			
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Annex 2 – Detailed implementation chart

<i>Project title:</i> Cross-border co-operation in surveillance and control of epidemic prone infections and parasitic diseases																												
Components	2006												2007												2008			
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
1. Service contract	T	T	T	T	T	T	T	T	C	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
2. Equipment acquisition											T	T	T	T	T	T	T	T	C	I	I	I	I	I				
T = Design/Tender preparation C = Contracting I = Implementation																												

Annex 3 – Contracting and disbursement schedule by quarter

Cross-border co-operation in prevention, surveillance and control of endemic infectious and parasitic diseases															
Components	Cumulative contracting schedule by quarter MEUR														Total
	2005		2006				2007				2008				
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Service contract					0.800	0.800	0.800	0.800	0.800	0.800	0.800				0.800
Supply contract									0.675	0.675	0.675				0.675
Total Phare					0.800	0.800	0.800	0.800	1.475	1.475	1.475				1.475
BG co-financing – Supply contract									0.225	0.225	0.225				0.225
Total Service contract					0.800	0.800	0.800	0.800	0.800	0.800	0.800				0.800
Total Supply contract									0.900	0.900	0.900				0.900
Total contracting					0.800	0.800	0.800	0.800	1.700	1.700	1.700				1.700

Cross-border co-operation in prevention, surveillance and control of endemic infectious and parasitic diseases															
Components	Cumulative disbursement schedule by quarter in MEUR														Total
	2005		2006				2007				2008				
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Service contract						0.480	0.480	0.480	0.720	0.720	0.720	0.800			0.800
Supply contract									0.405	0.608	0.675	0.675			0.675
Total Phare						0.480	0.480	0.480	1.125	1.328	1.395	1.475			1.475
BG co-financing – Supply contract									0.135	0.203	0.225	0.225			0.225
Total Service contract						0.480	0.480	0.480	0.720	0.720	0.720	0.800			0.800
Total Supply contract									0.540	0.810	0.900	0.900			0.900
Total disbursement						0.480	0.480	0.480	1.260	1.530	1.620	1.700			1.700

ANNEX 4:

Reference list of relevant laws and regulations

The Law of Health and its amendments

Some of the specific MoH regulations are listed below:

- Regulation No 26/2005 of MoH for notification, registration and reporting of communicable diseases
- Regulation No 4/21.06.2000 of MoH for notification, investigation and registration of food-born outbreaks
- Regulation No 13/07.08.1998 of MoH for organization of prophylaxis and control of hospital acquired infections
- Instruction No 9/25.09.2000 of MoH for control of Influenza and Acute respiratory diseases
- Instruction No 3/11.02.1997 of MoH for prevention, treatment and control of indigenous parasitic diseases
- Order No RD-09-111/18.03.2002 of MoH: National standard of clinical microbiology
- Order No RD-09-181/29.04.2002 of MoH: Medical standard of virology
- Order No RD-09-211/16.05.2002: National standard of medical parasitology
- Regulation No 137/19.07.2000 of MoH for border sanitary control in Republic of Bulgaria
- Regulation No 4/04.04.1992 for testing and notification of HIV/AIDS

EC acts on Public Health

- The **Decision 1786/2002/EC** of the European Parliament and of the Council of 23 September 2002 adopting a programme of Community action in the field of public health (2003-2008)

EC acts on infectious diseases prevention:

- **Decision No 2119/98/EC** of European Parliament and of the Council of 24 September 1998 setting up a network for the epidemiological surveillance and control of communicable diseases in the Community
- Commission **Decision 2000/57/EC** which specifies an early warning and response system (EWRS) to alert public health authorities in Member States and the Commission on outbreaks with greater than national dimensions, so that a co-ordinated EU action may be required
- Commission **Decision 2000/96/EC** specifies the list of communicable diseases to be placed progressively under EU-wide surveillance and the criteria for their selection.
- Commission **Decision 2002/253/EC** of 19 March 2002 laying down case definitions for reporting communicable diseases to the Community network under Decision No 2119/98/EC of the European Parliament and the Council
- Commission **Decision 2003/534/EC** of 17 July 2003 amending Decision No 2119/98/EC of European Parliament and the Council and Decision 2000/96/EC as regards communicable diseases listed in those decisions and amending Decision 2002/253/EC as regards the case definitions for communicable diseases
- Commission **Decision 2003/542/EC** of July 2003 amending Decision 2000/96/EC as regards the operation of dedicated surveillance networks
- Proposal for a Regulation of the European Parliament and of the Council Establishing a European Centre for Disease Prevention and Control **COM/2003/0441 final** - COD 2003/0174

ANNEX 5 - Indicative technical specification of equipment

Equipment for Parasitological and Microbiological laboratories, and for mobile laboratory			
Parasitological Laboratories			
Sort of equipment	Quantity	Unit price (in Euro)	Total Price (in Euro)
Laboratory equipment			
Microbiological safety cabinet	4	2 800	11 200
Light microscopes-	4	800	3 200
Fluorescent microscopes	4	15 000	60 000
Stereo microscopes	4	10 000	40 000
Incubators	4	2 000	8 000
Incubators-CO ₂	4	5 000	20 000
Freezer -(-20 ⁰)	4	600	2 400
Freezer -(-70 ⁰)	4	12 000	48 000
Refrigerator	4	500	2 000
Centrifuges	4	1 300	5 200
ELISA readers	4	3 500	14 000
Hot plate /stirrer	4	800	3 200
Balance	4	700	2 800
Thermomixer,	4	2 000	8 000
Incubator – shaker	4	1 000	4 000
Water bath	4	800	3 200
Vortex mixer	4	250	1 000
Vertical gel electrophoresis with power supply	4	1 200	4 800
Variable micro pipette set	8	150	1 200
Real time PCR for on-site analysis of microorganisms, portable	1	50 000	50 000
Diagnostic kits, media reagents, consumables, and glassware			130 000
Consumables for PCR			50 000
Horizontal gel electrophoresis	4	3 500	14 000
Digital camera	4	2000	8 000
Subtotal			494 200
Microbiological Laboratories			
Sort of equipment	Quantity	Unit price (in Euro)	Total Price (in Euro)
Laboratory equipment			
Light microscopes-	4	800	3 200
Sterilisers	4	2 000	8 000
Incubators	4	2 000	8 000
Freezer -(-20 ⁰)	4	600	2 400
Refrigerator	4	500	2 000
Centrifuges	4	1 300	5 200
Balance	4	700	2 800
Thermomixer,	4	2 000	8 000
Incubator – shaker	4	1 000	4 000
Water bath	4	800	3 200
Vortex mixer	4	250	1 000
Vertical gel electrophoresis with power supply	4	1 200	4 800
Variable micro pipette set	8	150	1 200
Diagnostic kits, media reagents,			130 000

consumables, and glassware			
Consumables for PCR			50 000
Horizontal gel electrophoresis	4	3 500	14 000
Digital camera	4	2000	8000
Subtotal			255 800
IT, communication and training equipment for Parasitology Units			
Computer configurations	4	500	2000
Multimedia and Notebook	4	2 500	10 000
Printer	4	100	400
Scanner	4	100	400
Copier	4	300	1200
Fax	4	200	800
Software products			20 200
Training materials			5000
Vehicles	4	10 000	40 000
Subtotal			80 000
Equipment for the fieldwork, mosquito monitoring and spraying			
Data processing and storage software with GIS and WEB interface			10 000
Mobile lab. Vain	1	20 0000	20 000
Software for statistical analysis, drawing maps, GIS data processing			10 000
Equipment for samplings for mosquito control: dippers ,blouses, hats, gloves, plastic boots, hand sprayers			10 000
Equipment for sprayings: spraying machines, larvicides , masks, gloves			20 000
Subtotal			70 000
Total			900 000



HELLENIC REPUBLIC
MINISTRY OF HEALTH & WELFARE
NATIONAL SCHOOL OF PUBLIC HEALTH
Dept. of Veterinary Public Health
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Athens, September 6, 2004

Ref. Nb.: 33/04

To: Assoc. Prof. Rossitza Kurdova-Mintcheva
Head, Parasitology and Tropical Medicine Department
Head, National Reference Parasitic Diseases Diagnostic Laboratory
National Consultant in Parasitology of Ministry of Health
National Centre of Infectious and Parasitic Diseases
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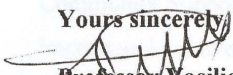
**Re: Participation in the proposed projects in terms of the Community Initiative
INTERREG III BULGARIA/GREECE**

Dear Prof Kurdova,

Following our close cooperation for the design and implementation of actions for the prevention of high risk factors and the improvement of the quality of life of the inhabitants of Greece and Bulgaria frontier regions, we are glad to inform you of our willingness to participate in your proposed projects in terms of the community initiative INTERREG III.

We consider these projects initiatives of great importance to our country in particular to the development of the frontier area where the professionals and experts involved in public health should cooperate in health policy planning for the improvement of the quality of health services and the quality of life of the inhabitants of the cross-border region.

Yours sincerely,


Professor Vasilios Kontos
Head of Department of Veterinary Public Health
National School of Public Health, Athens, Greece