

Financing Agreement
RO-PHARE-2005/17-690.01.02
Floods related measures in the transport sector

1. Basic Information

CRIS Nr (2005)	RO 2005/017/690.01.02	Country: Romania
Title	Assistance to develop a flood damage prevention strategy for Romania's transport network	
Sector	Priority sector Transport	Evaluation sector TR
Budget 'Floods' 2005	Total (Mio€) 2.0	Phare Contribution (Mio€) 2.0

2. Objectives

2.1. Overall Objective:

Contribute to efficient and safe transport in Romania in line with the EU harmonised legislation.

2.2. Project purpose

In view of the severe effect of the 2005 floods on transport infrastructure, this project will contribute to a flood-damage prevention plan in line with the measures developed in project 2004/16-772.03.14.

3. Description

3.1. Background and justification:

The transport sector is recognised as having great importance for the Romanian economy, especially as necessary infrastructure to enable the economy's efficient functioning. Due to poor economic conditions, investment in the transport sector has been low. The European integration and the strongly growing traffic flows require a high level of investment for new equipment and infrastructure, for roads, railways and inland waterways. The modal split in Romania, particularly in freight, is still less road-based than in the EU.

A further problem has arisen during 2005 caused by a series of catastrophically heavy rainfalls that has caused extensive flash-flooding and thus damage in excess of M€300 to the road and railway network (750 km of roads including 4 bridges totally destroyed and 204 bridges damaged to greater or lesser degree, 60 km of railway including 2 bridges destroyed and 30 bridges damaged). In addition to the direct costs of rehabilitation works, this has also shown the need for the capacity to establish a national strategy to prevent such flood damage to the transport infrastructure in the future.

The strategy must establish the actions and measures for the reduction of human losses and damages produced by floods for over 200 years in Romania.

At the present time, there is a series of working systems for human and goods protection carried out through:

- Dykes, which have a length of 9920 km;

- River beds regularization to a total of 6300 km;
- 217 temporary reservoirs of 893 mil. cubic metres placed in all basins and hydrographical area which dispose a freshet attenuation volume ;
- 1232 permanent reservoirs of 2017 mil. cubic metres which dispose both necessary volumes to satisfy the water demands and freshet attenuation volumes.

In spite of all these, repeated and intense freshets and associated floods remain an essential feature of Romanian water courses. Annually, thousands of land hectares are being flooded. Annually, on an average, 8 inhabitants lose their lives because of floods and the average multi-annual damages caused by floods exceed 100 MEUR.

Although the causes of these consequences are complex and varied, some of them are obvious:

- increased vulnerability of buildings and infrastructure;
- deficiency in conception and framing protection measures;
- a degree of protection close to the minimum value;
- negligence regarding the maintenance and exploitation of some protection works and of water bed courses;
- increased climatic variability manifested through an increased meteorological extreme phenomena, possible signals of climatic changes.

Other funding sources, both from EU pre-accession investment funds and also from IFI's will foreseeable fund for the rehabilitation works.

Meanwhile, action under this programme - as now amended – will provide TA to develop the capacity for provide and maintain a coherent national strategy for preventing flood-damage to transport infrastructure.

3.2. Activities:

The main activities (but not limited) will be the following:

- Assessment of the current situation of transport network (road and railway), with accent on the infrastructure located on the areas with risk or potential risk of floods. For this the Consultant will analyse the **map of** areas of natural risk flooding - annex 4a) of the Law no. 575 of 22 October 2001 on the Approval of the Spatial Planning of the National Territory, Section V – Areas of Natural Risk. In this phase, the Consultant shall closely collaborate with the Ministry of Environment and Water Management – the General Directorate for Structural Instruments Managements and the Water Management Department. In the field of foods prevention, MEWM will develop an overall flood prevention strategy under the sector programme environment.

- Preparation of the strategy

The Consultant will prepare, in a coherent and synthetic form, a strategic document which should contain (but not limited) the following:

- objectives;

- the short presentation of the current situation of transport network, with accent on the infrastructure situated on the areas with risk/potential risk of floods;
- proposed corrective measures for remediate the existing damages and for preventing the future damages to the transport infrastructure;
The Consultant will establish selection criteria in order to prioritize the proposed measures which will take a concrete form of project proposals that can improve the system of flood prevention and decrease the impact to the transport infrastructure.
- indicators of achievement

For the preparation of the strategy, the Consultant will collaborate with representatives of CFR SA, NCMNR, Ministry of Transport Construction and Tourism and Ministry of Environment and Water Management.

▪ Provision of on-the-job training

The Consultant will provide on-the-job training for approx. 34 persons from the MTCT and Beneficiaries in order to increase the capacity to improve the flood prevention strategy for transport sector.

3.3. Results:

- A strategy for take preventive measures against flood damage to the Romanian transport infrastructure network
- Trained staff (approx. 34 persons) in place, capable to update the flood damage prevention strategy.

4. Linked activities:

This strategy shall also integrate within an overall national flood-damage prevention programme developed under another floods related project 2005-17-690.01.01 in the environment sector.

That land-transport sector-related strategy shall be integrated with other sectoral strategies, for example as concerns agricultural drainage and river navigation, and also be coherent with the foreseen EU *acquis* in the matter.

5. Detailed Budget

MEURO

Phare 2005/017-690.01.		PHARE contribution			National co-finance ¹	Total
Measure no.	Title	INV	IB	Phare Total	INV	Total
02	Flood damage prevention strategy for Romania's road and railway network	0.00	2.00	2.00	0.00	2.00

¹ National co-financing will include any finance through the IFI's

6. Implementation Arrangements

This programme will be implemented under the provisions of Financing Memorandum 2004-16-772 and Financing Agreement 2005-17-690. Any budgetary figures contained in this document not covered by these agreements shall be considered as estimates not committing any of the two parties to the agreements for providing finance.

6.1. Implementing Agency

The Implementing Agency will be the Central Finance and Contracts Unit (CFCU).

The Implementing Agency will retain the overall responsibility for the implementation of the programme, including: approval of tenders documents, evaluation criteria, evaluation of offers, signature of contracts, authorisation and payments of the invoices.

Contact person CFCU:

Mrs. Carmen Rosu

Central Finance and Contracting Unit (CFCU)

44 Mircea Voda Blvd, Bucharest, sector 3 Romania

Tel: 0040-1-326.55.55

6.2. Implementing Authority:

The Implementing Authority will be the Ministry of Transport, Constructions and Tourism (MTCT), through the General Directorate for Foreign Financial Affairs.

MINISTRY OF TRANSPORT, CONSTRUCTIONS AND TOURISM

Directorate General for Foreign Financial Affairs (DGFFA)

Contact person: Mrs. Liliana Barna - Director General

38 Dinicu Golescu Av, 1st floor, room 17,

Sector 1, Bucharest, Romania

Tel/fax: 0040 - 21- 319.61.27 / 222.20.70

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Within MTCT there are some directorate with responsibilities in the area of floods, respectively:

- General Directorate for Investments, Acquisitions and Concessions
- General Directorate for Infrastructure and Railway Transport
- General Directorate for Infrastructure and Road Transport
- General Directorate for Naval Transport
- General Directorate for Environment
- General Directorate for Acquisitions in Public Works and Rural Infrastructure
- General Directorate for Territorial and Urban Planning and Housing Policy.

6.3. Final Beneficiary:

The main beneficiaries will be the National Company for Motorways and National Roads in Romania – S.A (RNCMNR) and CN CFR SA.

RNCMNR

Contact person: **Mr. Liviu Damboiu, Director**

38, Bld. Dinicu Golescu, sector 1, Bucharest

Tel: 0040-21-311.09.63

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CN CFR SA.

Contact person: **Mr. Traian Preoteasa, Director**

38, Bld. Dinicu Golescu, sector 1, Bucharest

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The other beneficiaries will be the following directorate within MTCT:

- General Directorate for Investments, Acquisitions and Concessions
- General Directorate for Infrastructure and Railway Transport
- General Directorate for Infrastructure and Road Transport
- General Directorate for Naval Transport
- General Directorate for Environment
- General Directorate for Acquisitions in Public Works and Rural Infrastructure
- General Directorate for Territorial and Urban Planning and Housing Policy.

6.4. Non-standard aspects

There are no „non-standards aspects”. The „Practical Guide to contract procedures financed from the General Budget of the European Communities in the context of external actions” will strictly be followed.

7. Equal Opportunity

Equal opportunity for men and women to participate in all the components of the project will be ensured. Women’s participation will be measured by the extensive use of monthly time sheet for the personnel.

8. Environment

All activities will comply with relevant EU acquis, including environment acquis. The strategy will be closely coordinated with the overall flood prevention strategy developed under the sector programme environment.

ANNEXES TO PROJECT FICHE

Logical framework matrix in standard format (compulsory)

Detailed implementation chart (compulsory)

Contracting and disbursement schedule by quarter for full duration of programme (including disbursement period) (compulsory)

Annex 1

LOGFRAME PLANNING MATRIX FOR		Programme name and number	2005-17-690.01.02
ASSISTANCE TO DEVELOP A FLOOD DAMAGE PREVENTION STRATEGY FOR ROMANIA'S TRANSPORT NETWORK		Contracting period expires: 30.11.2007	Disbursement period expires: 30.11.2008
		Total budget: 2,000,000EURO	Phare budget: 2,000,000 EURO
Overall objective	Objectively verifiable indicators	Sources of verifications	
Contribute to efficient and safe transport in Romania in line with the EU harmonised legislation.	Progress in the EU integration process	<ul style="list-style-type: none"> - Ministry of Transport, Constructions and Tourism reports - Transport statistics - Surveys 	
Project purpose	Objectively verifiable indicators	Sources of verification	Assumptions
To contribute to a flood-damage prevention plan in line with the measures developed in project 2004/16-772.03.14.	Drafted flood prevention strategy	Ministry of Transport, Constructions and Tourism reports Sector administrators reports	Using the knowledge obtained during the training
Results			
	Objectively verifiable indicators	Sources of verification	Assumptions

A strategy for take preventive measures against flood damage to the Romanian transport infrastructure network Trained staff in place, capable to draft a flood damage prevention strategy.	The strategic document for flood prevention approved 34 trained persons	Ministry of Transport, Constructions and Tourism reports	
Activities	Means	Sources of verification	Assumptions
Technical Assistance for development of a flood prevention strategy	TA contract	- Reports from CFCU, Ministry of Transport, Constructions and Tourism and final beneficiaries	<ul style="list-style-type: none"> - High quality consultants - On-time preparation of Tender Dossier
			Preconditions
			<ul style="list-style-type: none"> - The ratification of the Financing Memorandum

ANNEX 2**DETAILED TIME IMPLEMENTATION CHART***"Assistance to implement new safety aspects of the EU legislation in the field of road transport"*

	2004							2005							2006							2007							2008																				
Calendar months	M	J	J	A	S	O	N	D	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	M	J	J	A	S	O	N	D					
TA for development of flood prevention strategy																						D	D	D	C	C	C	I	I	I	I	I	I	I	I	I													
D = Design / Tender Preparation, C = Contracting, I = Implementation, R = Review																																																	

Annex 3

Contracting and disbursement schedule by quarter

Annex 3 – Contracting and disbursement schedule by quarter (Phare 2004 funds)															
<i>“Assistance to implement new safety aspects of the EU legislation in the field of transport”</i>															
Components	Cumulative disbursement schedule by quarter in MEUR (planned)														Total Phare Allocation
	2004		2005				2006				2007				
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Contracting															
TA for development of a flood prevention strategy									2.00						2.00
Total contracting:									2.00						2.00
Disbursement															
TA for development of a flood prevention strategy									0,800	0,968	1,240	2,000			2.0
Total disbursement:									0,800	0,968	1,240	2,000			2.0