

**7th National Coordinators Meeting
Data Collection Workshop**

Location: Skopje, Republic of Macedonia

April 22 - 23, 2008

**Definition of Infrastructure Project Indicators
draft**

1 DEFINITION OF PROJECT DATA COLLECTED

Modify project

Country	Serbia	Name	Completion of Belgrade by pass, ;
Start node	Dobanovci	End node	Ostružnica
Code	SERRD017.2	National code	
IFI code		REBIS code	
Status	-	Category	CD
Intervention type	[1NEW] New	Length [km]	17
Start date	2006 - 03 - 08	End date	2007 - 03 - 08
Total cost [MEuro]	4.2	Base year for cost	2004
Budget contribution [MEuro]	4.2	Grants contribution [MEuro]	
IFI loans contribution [MEuro]		Private contribution [MEuro]	
Base year traffic demand	29200	Forecasted traffic growth [%]	
International passenger percent		International freight percent	
Capacity assessment		Distance savings [km]	
Operating costs savings [Euro]		Time savings [h]	
Maintenance costs savings [Euro]		NPV [MEuro]	
Economic rate of return [%]		Financial rate of return [%]	
Description	The Belgrade by-pass comprises of the following sections: • Section A (10 km from Batajnica to	Financing remark	
Project remark	the investment cost indicates the amount needed to complete the works on th section	Project objective & rationale	Entire traffic on Corridor X passes right through the center of Belgrade and it creates hudge problems with
Proposed solutions & standards	Construction of wearing course on Sector 1,2 and 3 to full 4-lane standard motorway profile.The	Environmental effects	-
Other unquantifiable effects		Coherence & linkages	Currently international traffic is passing through centre of the City of Belgrade. The traffic from E75 route

	Field	Description	
1	Country	Automatic	
2	Name	Name of the project as appears in official documents	
3	Start node	Nearest node of the Core Network	
4	End node	Nearest node of the Core Network	
5	Code	SEETO Project Code	
6	National code	Project Code	
7	IFI code	Project Code	
8	REBIS code	Project Code	
9	Status		
10	Category (Should be project Status)	Current status of the project: 1 - Project identified and term of reference prepared, 2 - Prefeasibility Study Completed, 3 - Feasibility Study Completed, 4 - Project Financing Agreement concluded, 5 - Design Completed, 6 - Tender process completed, 7 - Works started, 8 - Works completed, 0 - Other specify in the "Project Remark Field"	
11	Intervention type	1 - New, 2 - Upgrade, 3 - Rehabilitation, 0 - Other specify in the "Project Remark Field"	
12	Length [km]		
13	Start date	Works Start date	
14	End date	Works end Date	
15	Total cost [MEuro] (The year which is used for price level of the financial inputuro)	Estimated Cost	

	Field	Description	
16	Base year for cost	The year which is used for price level of the financial input	
17	Budget contribution [MEuro]	Financing Sources	
18	Grants contribution [MEuro]	Financing Sources	
19	IFI loans contribution [MEuro]	Financing Sources	
20	Private contribution [MEuro]	Financing Sources	
21	Base year traffic demand	AADT	
22	Forecasted traffic growth [%]	Annual Growth Rate in the next five years period	
23	International passenger percent	Share of international passenger traffic	
24	International freight percent	Share of international freight traffic	
25	Capacity assessment	Estimated section capacity, if available	
26	Distance savings [km]	Estimated distance savings in km	
27	Operating costs savings [Euro]	Estimated first year savings in vehicle operating cost in EUR	
28	Time savings [h]	Estimated time savings in hours	
29	Maintenance costs savings [Euro]	Estimated first year savings in maintenance cost in EUR	
30	NPV [MEuro]	NPV - if available from recent studies	
31	Economic rate of return [%]	EIRR (%) - if available from recent studies	
32	Financial rate of return [%]	FIRR (%) - if available from recent studies	
33	Description	General Description of the project	
34	Financing remark	Remarks which better explains financing parameters	
35	Project remark	Remarks which better explains project status	
36	Project objective & rationale	<ul style="list-style-type: none"> • Describe the existing problems that need to be addressed. • Define target values of performance indicators which need to be achieved (benchmarks). • Define the impact on economic growth and employment. • Describe how does the project contribute to improved mobility, accessibility and safety. • Provide evidence on project role and importance (priority given in the national plan etc)." 	
37	Proposed solutions & standards	<ul style="list-style-type: none"> • Define the need for improvement of existing standards. • Specify EU standards which are to be implemented. • Describe main elements of proposed technical solutions. • Compare proposed technical solution with alternative options." 	
38	Environmental effects	1 - Large positive effects, 2 - Moderate positive effects, 3 - No direct or indirect effect on environment, 4 - Negative effect on environment	
39	Other unquantifiable effects	Environmental	
40	Coherence & linkages	<ul style="list-style-type: none"> • Describe the type and relevance of physical linkages in the network. • Explain existing and potential connections with other modes of transport. • Indicate other projects which need to be implemented in close connection to this project. • Specify the need for new legislation, regulations and procedures related to implementation of the project." 	