

List of Case Study Pairs

	CCI	Project Title/Descrip	Country	Sector	Size(€m)	Rationale	
1	Non JASPERS	2008CZ161PR001	Electrification including pre-electrification adaptations of the railway line Letohrad – Lichkov state border.	Czech Rep	Rail	80.0	Both projects include the following elements: electrification of a single track railway line; dewatering/drainage; construction/reconstruction of bridges and culverts; exchange and cable laying; new traction wiring. We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects are rail projects and as such would have similar technical/engineering issues; (3) both projects are of the same scale, circa €70-80m. On this basis, any differences that arose in relation to the progression of the projects / project outcomes could highlight the affect of the availability of JASPERS support.
	JASPERS	2009CZ161PR010	"Electrification of Zábřeh-Šumperk track section" is a line traffic construction - an electrification of the existing single track line has been identified as a key objective of this project.	Czech Rep	Rail	73.8	
2	Non JASPERS	2008SI161PR002	Construction of motorway section Šilvnica - Draženci with a total length of 19,85 km	Slovenia	Roads	278.2	Both projects include the following elements: construction of 4-lane motorway sections; drainage works; protections/displacements/new constructions of public utility lines such as waterworks; public lighting; emergency call; telecommunication networks; the construction of motorway bridges; overpass bridges; underpasses; vertical and horizontal signalization and with safety and protective fences. The non-JASPERS project includes the construction of a petrol station and rest areas on both sides of motorway which may explain some of the difference in the costs of both projects. We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects are ROAD (motorway) projects and as such would have similar technical/engineering issues; (3) while the project costs are different, they are both of the same broad scale of magnitude. There is no obvious reason why these projects would experience differences in terms of the appraisal processes, impact assessment and funding approval periods. We consider that differences that may have arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
	JASPERS	2008SI161PR001	Construction of the four-lane motorway at the section Beltinci - Lendava with a total length of 17,200m.	Slovenia	Roads	116.5	
3	Non JASPERS	2009RO161PR037	The project addresses waste management (WM) in Suceava County. The project will fund the construction of WM infrastructure, equipment and the technical assistance needed to realise the 'Priority Infrastructure Investment Plan' identified in the Suceava County Waste Management Master Plan. The project includes the following components: residue collection facilities; facilities for separate collection of recyclable waste; • new sanitary landfills; a sorting plant; three new transfer stations; establishment of a civic amenity area; biowaste will be home composted; civic amenity centres for the collection of bulky waste, hazardous waste; closure, capping and landscaping of 7 existing landfills; establishment of home composting in rural areas and suburban areas of the county; TA, supervision and final design, as well public awareness.	Romania	Solid Waste	64.0	Both projects include the development of integrated waste management infrastructure including landfills, sorting plants and transfer stations. As both projects were progressed in the same Member State ; and both projects relate to the development of waste management infrastructure and as such would have faced similar technical/engineering issues; and the project costs are broadly similar, we consider that any differences that may have arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
	JASPERS	2009RO161PR036	The project refers to the development of an integrated waste management system in Cluj County. The main infrastructure to be developed included: a central waste management facility in Cluj Napoca (landfill, sorting plant, MBT plant); 3 transfer stations in Huedin (western part), Gherla (north-eastern part) and Mihai Viteazu (southern part).	Romania	Solid Waste	47.5	
4	Non JASPERS	2009RO161PR015	The project comprises water supply and wastewater investments. The present project represents the first step of the Masterplan for development of water infrastructure in Bacau County. The investments are focused on the following components: Water Supply: rehabilitation of water treatment plants, extensions of water distribution networks, including metering. Wastewater: extension of sewage networks, pumping stations and main collectors, rehabilitation and construction of wastewater treatment plants.	Romania	Water and Wastewater	146.1	Both projects relate to water supply and wastewater investments including: rehabilitation of water treatment plants; extensions of water distribution networks; metering/SCADA systems; extension of sewage networks and pumping stations; and rehabilitation and construction of wastewater treatment plants. We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the development of water and wastewater infrastructure and as such would have faced similar technical/engineering issues; (3) the project costs are broadly similar. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
	JASPERS	2009RO161PR019	Extension and Rehabilitation of Water and Wastewater Infrastructure in Mures County. The measures consist of investments concerning drinking water treatment and distribution as well as wastewater collection and treatment for six agglomerations / water supply zones situated in Mureş County and one agglomeration / water supply zone from Harghita County. The investments are focused on the following components: rehabilitation / extension water supply system and sewerage system; new WWTP; pumping stations; wastewater pumping stations; discharge pipes; SCADA system;	Romania	Water and Wastewater	137.4	
5	Non JASPERS	2007PL161PR001	Project includes modernization of railway infrastructure, Line 271 Wrocław - Poznan from km 1.700 to km 163.400. (161KM)	Poland	Railways	390.3	Both projects relate to the modernisation of railway infrastructure, in the case of the non-JASPERS project the rail section subject to modernisation is 161KM, in relation to the JASPERS project the rail section subject to modernisation is 63KM. We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects are rail projects and as such would have similar technical/engineering issues; (3) both projects are broadly of the same magnitude in terms of their project costs. On this basis, any differences that arose in relation to the progression of the projects / project outcomes could highlight the affect of the availability of JASPERS support.
	JASPERS	2010PL161PR005	This project relates to the modernisation of a section of the No. 9 railway line linking the Warszawa Wschodnia and Gdynia Główna stations in Poland. (63 KM)	Poland	Railways	453.4	
6	Non JASPERS	2011PL161PR013	The project involves the construction of a segment of the regional road from nat road no 94 to the regional road no 4555. (8.4KM)	Poland	Roads	86.8	Both projects relate to the construction of roads in Poland – one a regional road 8.4KM in length the second an expressway 6.9 KM in length.
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	JASPERS	2010PL161PR002	The project comprises the construction of 6.9 KM of the new expressway section of S19 between interchange Stobierna and Rzeszów Wschód.	Poland	Roads	73.8	Both projects relate to the construction of roads in Poland. We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects are road projects and as such would have similar technical/engineering issues; (3) both projects are broadly of the same magnitude in terms of their project costs. There is no obvious reason why these projects would experience differences in terms of the appraisal, impact assessment and funding approval periods. We consider that any differences that may have arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
7		CCI	Project Title/Descrip	Country	Sector	Size(€m)	
	Non JASPERS	2011PL161PR003	Construction of Expressway S7, Episode Elbląg (S22) - Olsztynek (S51), the section Elbląg (S22) - Miłomłyn. (51KM)	Poland	Roads	594.5	One project relates to the construction of 51 KM of expressway; the second project relates to the upgrade of 11.7 KM of existing urban section of national road no 8 to expressway standard.
	JASPERS	2010PL161PR004	The project comprises the reconstruction of the 11.7 KM section of the S8 Expressway between interchanges Powązkowska and Marki	Poland	Roads	664.6	We choose this pairing of projects as they are both Polish projects; both projects are road projects and as such would have similar technical/engineering issues; (3) both projects are broadly of the same magnitude in terms of their project costs. There is no obvious reason why these projects would experience differences in terms of the appraisal, impact assessment and funding approval periods. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
8		CCI	Project Title/Descrip	Country	Sector	Size(€m)	
	Non JASPERS	2009PL161PR048	The arrangement of water and sewage in the Town and Municipality Horse	Poland	Water and Wastewater	68.6	Both projects relate to water supply and wastewater investments.
	JASPERS	2009PL161PR019	The project covers the improvement of water supply and sewage disposal infrastructure for the municipalities of Białystok and Wasilkow	Poland	Water and Wastewater	51.4	We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the development of water and wastewater infrastructure and as such would have faced similar technical/engineering issues; (3) the project costs are broadly similar. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
9		CCI	Project Title/Descrip	Country	Sector	Size(€m)	
	Non JASPERS	2007PL161PR005	Expansion and reconstruction of the Water Treatment Plant in Nowa Sol. Expansion and reconstruction of the sewage treatment plant in Nowa. Construction of sewerage network in Nowa Sol.	Poland	Water and Wastewater	47.4	Both projects relate to the construction and reconstruction of water and wastewater infrastructure, including water treatment plants and wastewater/sewerage treatment plants. While one project is almost twice the size of the other, it is considered unlikely that the differences in costs would have a significant impact on the respective appraisal, impact assessment and approval time periods.
	JASPERS	2009PL161PR008	The project covers the improvement of water supply and sewage disposal infrastructure for the town of Zory	Poland	Water and Wastewater	80.2	We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
10		CCI	Project Title/Descrip	Country	Sector	Size(€m)	
	Non JASPERS	2009PL161PR035	This project includes the creation of a Center of Biology and Chemical Sciences	Poland	Knowledge Economy	66.8	We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the establishment of centres for research. While one project is almost twice the size of the other, it is considered unlikely that the differences in costs would have a significant impact on the respective appraisal, impact assessment and approval time periods.
	JASPERS	2007PL161PR015	The establishment of a leading Central European biomedical research centre	Poland	Knowledge Economy	98.8	We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
11		CCI	Project Title/Descrip	Country	Sector	Size(€m)	
	Non JASPERS	2008CZ161PR002	Modernization of the Track Veseli nad Lužnicí – Tábor. Part 1. Doubi near Tábor – Tábor Section) is part of the 4th national railway corridor. This is a single-track, electrified line that will be made a double-track line. The range of modernization work in this section includes, apart from making a double-track line, adaptation and reconstruction of the track substructure, reconstruction of the track superstructure, drainage of level crossing bridges, restoration of control and communication equipment, adaptation and establishment of a new contact line, and building a new transformer station.	Czech Rep	Rail	146.5	We have changed the JASPERS project, to create a new case study pairing. Both projects now relate to the modernisation of sections of the rail line. Both projects are being progressed by the same Member State, and are of the same broad magnitude of scale in terms of project costs. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
	JASPERS	2007CZ161PR001	In total 53km of railway tracks will be renewed, the substructure will be reinforced, the drainage system renewed, bridges and viaducts rebuilt, the superstructure will be fully replaced and the control and communication equipment will be renewed.	Czech Rep	Rail	210.6	
12		CCI	Project Title/Descrip	Country	Sector	Size(€m)	
	Non JASPERS	2009RO161PR038	Integrated Waste Management System in Caras Severin County	Romania	Solid Waste	37.1	Both projects relate to the development of integrated waste management systems.
	JASPERS	2009RO161PR035	Integrated Waste Management in Neamt County	Romania	Solid Waste	39.7	We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the development of waste management systems and as such would have faced similar technical/engineering issues. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight
13		CCI	Project Title/Descrip	Country	Sector	Size(€m)	
	Non JASPERS	2010RO161PR002	Rehabilitation and modernization of water supply and sewerage system in Ilfov County	Romania	Water and Wastewater	90.8	Both projects relate to the rehabilitation and modernisation of water supply and wastewater/sewerage system.
	JASPERS	2011RO161PR003	Rehabilitation and Extension of the Water and Wastewater Systems in Galati County, Romania	Romania	Water and Wastewater	116.8	We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the rehabilitation and modernisation of water supply and wastewater/sewerage system and as such would have faced similar technical/engineering issues; (3) both projects are broadly of the same cost. We consider that differences that arose in relation to the
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	CCI	Project Title/Descrip	Country	Sector	Size(€m)		
15	Non JASPERS	2009PL161PR011	Construction of Buildings Departments of Chemistry and Biology, University of Gdansk	Poland	Knowledge Economy	63.0	We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the establishment of research facilities. (3) The projects are of the same order of magnitude in terms of their total costs. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
	JASPERS	2007PL161PR017	The project deals with the construction and equipment of a new physical R&D infrastructure, the launch of new research programmes and new methods to conduct research, unifying the know-all of different centres of expertise, at the Wielkopolska Centre of Advanced Technologies, in Poznań.	Poland	Knowledge Economy	69.9	
16	Non JASPERS	2010RO161PR023	Extension and modernization of the water supply and sewerage systems-wastewater treatment in Botosani County	Romania	Water and Wastewater	126.8	Both projects relate to the rehabilitation and modernisation of water supply and wastewater/sewerage system. We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the rehabilitation and modernisation of water supply and wastewater/sewerage system and as such would have faced similar technical/engineering issues; (3) both projects are broadly of the same cost. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
	JASPERS	2009RO161PR001	Rehabilitation and extension of water and wastewater infrastructure in Arad County Romania	Romania	Water and Wastewater	165.7	
17	Non JASPERS	2007PL161PR007	The project relates to incorporating the Poznań and Brick Oslina agglomerations in the bulk sewage systems - according to the National Programme of Municipal Wastewater Treatment.	Poland	Water and Wastewater	64.1	Both projects relate to wastewater infrastructure. The JASPERS project incorportes extending a sewer network and modernising a Wastewater Treatment Plant, while the non-JASPERS project incorporates extending/modernising a sewer network. On the basis of the non-JASPERS projects available this was the closest match available. It will be a backup if case studies 8 and 9 can not go ahead.
	JASPERS	2009PL161PR008	The project covers the improvement of water supply and sewage disposal infrastructure for the city of Sochaczew. he main project elements are a) Extension and modernisation of the sewer network; b) Modernisation of Main WWTP. The main components comprise the replacement and modernisation screens, sand catchers and secondary radial-flow tanks, coverage of the sludge storage place and the modernisation of power supply.	Poland	Water and Wastewater	53.6	
18	Non JASPERS	2010CZ161PR012	The project is titled "Optimisation of the Horni Dvořitě State Border - České Budějovice Railway Line" - The project is a railway construction project to optimize the existing České Budějovice – Horni Dvořitě single-tracked electrified line no. 196. This route section that is about 57 km long already underwent its partial refurbishing in 1996 - 2000 as a part of preparatory electrification adjustments and the subsequent electrification of the line itself.	Czech	Rail	65.2	Both projects relate to the rehabilitation /electrification of railway lines, and the reconstruction/construction of railway stations. We choose this pairing of projects owing to the fact that: (1) both projects were progressed in the same Member State and as such would have faced the same administrative issues; (2) both projects relate to the rehabilitation /electrification of railway lines, and the reconstruction/construction of railway stations and as such would have faced similar technical/engineering issues; (3) both projects are broadly of the same cost. We consider that differences that arose in relation to the progression of the projects / project outcomes are likely to highlight the affect of the availability of JASPERS support.
	JASPERS	2008CZ161PR018	The project consists of rehabilitating and electrifying a 11.2 km regional railway line section between Znojmo and Šatov.	Czech	Rail	62.2	
19	Non JASPERS	2009RO161PR037	Integrated Waste Management System in Sibiu County.	Romania	Solid Waste	26.9	Back-up if case study 12 can not go ahead.
	JASPERS	2009RO161PR041	Integrated Solid Waste Management System Timis County.	Romania	Solid Waste	34.6	
20	Non JASPERS	2009PL161PR002	Construction of Expressway S7-Grójec stretch Białobrzegi	Poland	Roads	172.2	Both projects relate to the reconstruction of existing roads, with the associated ancillary works i.e. construction or reconstruction of bridges, viaducts, flyovers, culverts. Although, one project involves remodelling an existing single-way carriageway to a dual-carrageway expressway, and the second relates to the rehabilitation of an existing national road so as to widening it to 3 traffic lanes, this difference will not affect the appraisal process, impact assessment or likely approval periods.
	JASPERS	2007PL161PR019	National Road n°4 is being systematically rehabilitated and this project constitutes a further rehabilitation of 6 sections comprising in total 55 km located	Poland	Roads	148.9	
20	Non JASPERS	2009RO161PR003	Extension and Modernization of Water and Wastewater infrastructure in Dolj County.	Romania	Water and Wastewater	150.3	Back-up if case study 13 can not go ahead
	JASPERS	2010RO161PR022	Rehabilitation and extension of water and wastewater infrastructure in Suceava	Romania	Water and Wastewater	148.2	