



Jaspers Joint Assistance to Support Projects in European Regions • Jaspers Joint Assistance to Support Projects in European Regions



# JASPERS

Joint Assistance to Support  
Projects in European Regions





Institute of Physics of the ASCR, Czech Republic (Courtesy of ELI-Beamlines)

<b>Activity report</b>	<b>4</b>
⇒ 1. Institutional issues and organisation	7
⇒ 2. Organisational development	7
⇒ 3. Operational activities	12
⇒ 4. Activity by sector	14
<b>Financial information</b>	<b>28</b>
⇒ 1. The budget for 2010	29
⇒ 2. Summary of the Action: income and expenditure and payments received	29
<b>Annexes</b>	<b>30</b>
⇒ 1. Human Resources as at 31 December 2010	31
⇒ 2. Assignments completed since 2006	32
⇒ 3. Summary of assignments completed since 2006	34
⇒ 4. Funding from EC and national budgets for JASPERS-supported projects approved in 2010	34
⇒ 5. List of JASPERS-supported projects approved by the EC to end-2010	35
⇒ 6. Detailed list of assignments completed since 2006	37
⇒ 7. Summary Financial Statement 2010	45

# Activity report



Extension of  
underground gas storage  
in Wierchowice, Poland.  
See case study on p. 23.



JASPERS (Joint Assistance to Support Projects in European Regions) is a partnership between the European Commission (DG Regional Policy), the European Investment Bank (EIB), the European Bank for Reconstruction and Development (EBRD) and Kreditanstalt für Wiederaufbau (KfW). The combined efforts support the implementation of cohesion policy in the programming period 2007-2013 by providing the twelve countries that joined the EU between 2004 and 2007<sup>1</sup> with targeted specialist expertise for the preparation of projects to be submitted for grant financing from the Structural and Cohesion Funds. The objectives of JASPERS are to improve the quality of these projects and to facilitate timely preparation and approval, thereby improving the absorption of EU funds. JASPERS operates on the basis of Action Plans prepared annually for each Member State in cooperation with the national authorities and the European Commission. Assistance on specific assignments can be provided at any stage of the project cycle. The main focus of JASPERS is on the stages between project conception and preparation of the final application for EU funding. JASPERS may also support projects during the early phases of their implementation and give early stage sectoral "horizontal" advice.

## Overview

In 2010 JASPERS completed 159 assignments, 26 more than in 2009 (133) and the highest number since it began operations in late 2006. At end-December 2010, 399 assignments had been completed since JASPERS launched its activity; 366 assignments were receiving assistance across all JASPERS beneficiaries and in all sectors of activity, compared with 426 at 31 December 2009. Major projects accounted for some 77% of the active assignments and small projects and horizontal assignments for some 23%.

In 2010 the 12 beneficiary EU Member States submitted to the Commission 89 JASPERS-supported applications for EU funding under Structural Funds, compared with 61 the year before. A total of 58 major projects was approved by the Commission (45 in 2009) and a further 27 non-major projects were approved by national authorities during the year. From the beginning of JASPERS operations in late 2006 until 31 December 2010, a total of 103 JASPERS-supported major project applications were approved.

<sup>1</sup> Bulgaria, Czech Republic, Cyprus, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovenia and Slovakia.



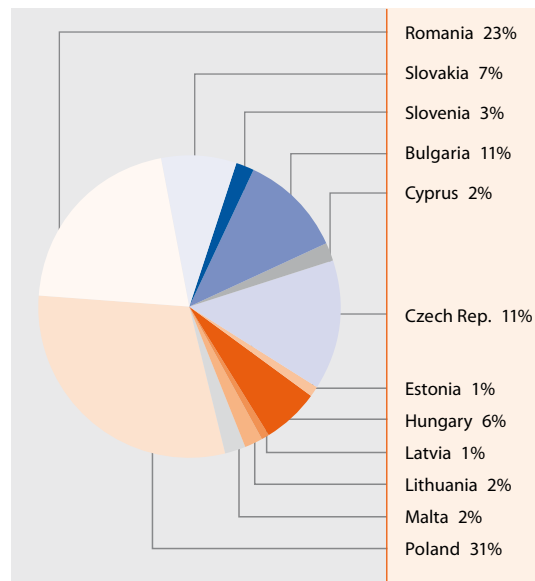
Žarnovica-Šašoske-Podhradie R1 expressway, Slovakia

JASPERS supported 80% of projects submitted to the Commission from the 12 EU countries and 90% of those approved as at 31 December 2010. The total investment volume for the projects supported by JASPERS-completed assignments from 2006 to 2010 was over EUR 40 billion, out of which the investment volume of projects approved by the Commission was over EUR 16 billion.

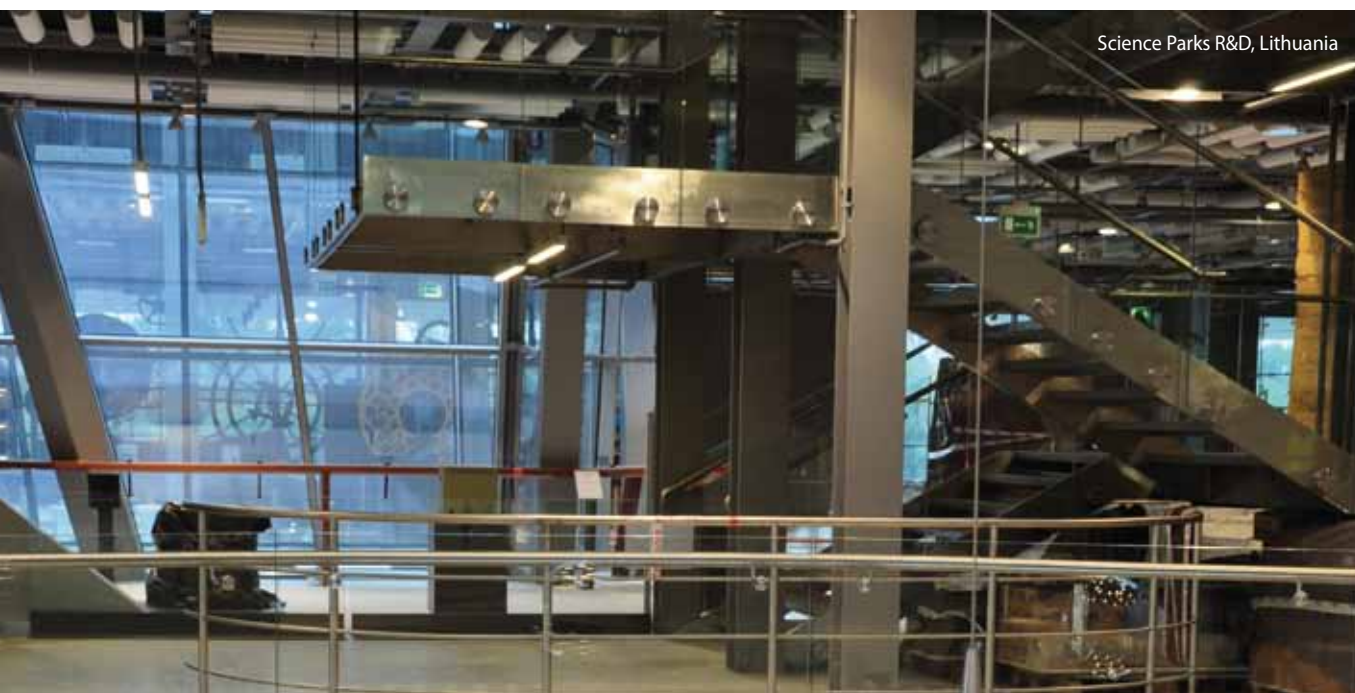
**Table 1: Number of completed assignments and JASPERS-supported applications submitted and approved by the EC as at 31 December 2010**

	2009	2010	Cumulative to end-2010
Number of completed assignments	133	159	399
Number of applications with JASPERS support submitted to DG Regional Policy	61	89	185
Applications approved	35	58	103

**Figure 1: Active and completed JASPERS assignments per country as at 31/12/2010 \***



\* Active: portfolio of assignments in progress as at 31/12/2010  
Completed: total number of assignments completed during 2010



Science Parks R&D, Lithuania



## 1. Institutional issues and organisation

### 1.1 Governance and reporting

JASPERS is supervised by a Steering Committee (SC) comprising two representatives from DG Regional Policy, two representatives from the EIB, two representatives from the EBRD and one representative with observer status from KfW. The SC is responsible for setting the strategic direction for JASPERS, deciding on major policy issues relating to JASPERS and approving its main activities and outputs (e.g. the Country Action Plans and the Annual Report).

The European Commission chairs the Steering Committee and the EIB provides the Secretariat. Meetings of the SC comprising representatives of the four partners were held in Luxembourg on 23 March and in Brussels on 22 November 2010. There were also regular staff level coordination meetings between JASPERS managers and DG Regional Policy throughout the year.

### 1.2 JASPERS' new strategic outlook

The Steering Committee on 22 November 2010 approved a new strategy for JASPERS' activities through to 2013. While JASPERS' core focus will remain on support for the preparation of projects for the 2007-2013 period, as resources become available additional focus will be put on the preparation of projects for the next programming period, on horizontal and strategic support for Member States in the run-up to the next programming period, on capacity building and implementation support.

In anticipation of the new programming period and in order to generate a pipeline of ready projects for 2014, JASPERS was given the green light to support the development of new sectoral strategies, together with DG Regional Policy and the Member States, which will underpin the future new Operational Programmes. More emphasis will be placed on institution building and capacity improvement to encour-

age the transfer of know-how within Member States and among beneficiaries.

### 1.3 2010/2011 budgets

The estimated JASPERS budget for 2010 was presented to the meeting of the Steering Committee in Brussels on 23 November 2009. The 2010 budget comprised a DG REGIO contribution of EUR 26 million to JASPERS and a total budget of EUR 35.12 million. The European Commission's contribution covered 74% of the cost of JASPERS in 2010 and the in-kind contribution of the EIB, EBRD and KfW covered 26%.

## 2. Organisational development

### 2.1 The structure of JASPERS

At the end of 2010, 75 professional staff and 13 support staff were located in the Luxembourg headquarters and in three regional offices in Warsaw, Vienna and Bucharest. This corresponds to 80.5 full-time equivalents.

In 2010 JASPERS work was organised in six sectors: roads; ports, airports and railways; water and wastewater; urban infrastructure; solid waste and energy; and the knowledge economy. Sector Managers are responsible for the delivery of technical assistance provided by JASPERS in their sectors.

The Heads of regional offices continued to have a primary role as country managers in contacting and liaising with the Managing Authorities of the beneficiary countries and monitoring implementation of the Action Plans. They are also responsible for the administration of the offices.

The Heads of regional offices report to the Operations Manager who, in addition to ensuring a coordinated approach by the various offices and between the offices and Luxembourg, is in charge of overall relationship management with the national authorities

and the Commission’s geographical desks. The Operations Manager is also responsible for the overall execution of the various Action Plans and liaises, as required, with the Sector Managers and the Head of JASPERS.

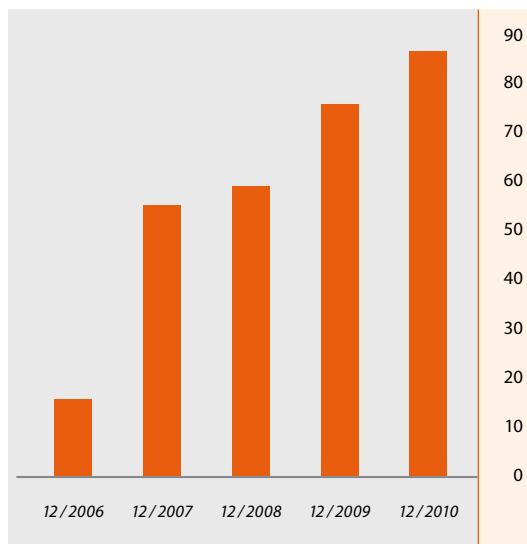
**2.2 JASPERS recruitment and staffing**

Following the 8% increase in the EU-funded budget contribution in 2010, there was an increase in staff numbers: JASPERS had 75 professional and 13 support staff at the end of December 2010, compared to 67 professional and 10 support staff at the end of 2009 (see Figure 2).

At year end, the Commission contributed funding for 51 experts and 13 support staff. The EIB provided 18 staff-years equivalent, the EBRD 2 staff-years equivalent and KfW 2.33 staff-years equivalent.

Between February and December 2010, 7 EC-funded, 3 EIB-funded and 2 EBRD-funded new experts and 5 support staff joined JASPERS. Over 70% of all JASPERS staff are based at the three regional offices (see Annex 1).

**Figure 2: Staff since 2006**



**2.3 Management information system and website**

An integrated management information system provides continuously updated relevant information for monitoring assignments and guiding strategic and operational decisions. It provides information on the status of JASPERS assignments, on the status of the applications for grants, on the use of resources, etc. In 2010, following recruitment of a new database Administrator and to reflect the new JASPERS strategy and associated reporting needs, improvements were planned and developed with the database host company in the following areas: monitoring of performance objectives, quarterly and annual reporting, flexible reporting, documentation storage, accommodating new implementation-oriented JASPERS assignments, consultancy tracking, contact management and security.



Gdynia main station, Poland





The JASPERS website, [www.jaspers-europa-info.org](http://www.jaspers-europa-info.org), is updated on a regular basis with news and information on JASPERS activities. During 2010 the “web info fiches project” was launched to automatically upload the database information on project and JASPERS assignments descriptions in the “web info” fiches available on the JASPERS website for access via the Projects tab. The screening, revision and clearing of the existing backlog was implemented in the course of the year, and most of the web fiches relating to completed assignments are available on the website.

#### 2.4 Engagement of consultants

At 31 December 2010, out of the EUR 5.0 million total annual budget for external consultancy services, EUR 4.8 million had been committed and EUR 3.3 million of this amount had already been disbursed, with the remaining EUR 1.5 million to be disbursed early in 2011 (accruals).

A total of 70 contracts were ongoing during 2010, spread among 43 different consulting companies. Of

these 70 assignments, 32 were awarded to JASPERS Framework Contractors, 34 were directly awarded (these were for small contracts costing less than EUR 35 000), and 4 were awarded following negotiation with several tenderers from various Member States.

Periodic reports on the implementation status of consultancy contracts and the quality of their output were produced during 2010.

**Table 2: Sectoral breakdown of consultancy assignments in 2010**

Sector/category	No of assignments	% of budget disbursed
Ports, airports and railways	12	17
Roads	3	4
Urban infrastructure	11	25
Water and wastewater	4	5
Solid waste and energy	16	11
Knowledge economy	10	13
EIA activities	11	19
JASPERS Administration	3	6



Riga Airport, Latvia



Sofia Metro, Bulgaria

### 2.5 Second JASPERS stakeholders' meeting

Following the first such meeting held in Krakow, Poland in May 2009, the second JASPERS stakeholders' meeting took place in Sofia on 17 June 2010. The event offered JASPERS' beneficiary countries the possibility to provide feedback and guidance to JASPERS and the Commission with regard to the present and the future direction of JASPERS.

Almost 100 participants from the JASPERS-supported countries attended the one-day meeting, including representatives from Managing Authorities and Intermediate Bodies.

The objective of this meeting was to identify measures to better assist countries, to enable more rapid absorption of the Structural Funds and to obtain feedback about the way forward for JASPERS. The meeting covered two main themes: reducing the time for submission and approval of grant applications and the new strategic outlook for JASPERS.

At the stakeholders' meeting in June 2010, JASPERS was asked:

- to maintain its core focus on project preparation for the 2007-2013 programme;
- to start work at an early stage on project preparation for the next programming period, to ensure a ready pipeline after 2013;
- to strengthen support provided in capacity building, in order to enable Management Authorities to develop their capacity to prepare, implement and monitor projects;
- to support the strategic work of the Member States in relation to their preparations for the next programming period;
- to expand support for project implementation to ensure that projects are constructed on time and achieve their objectives;
- to continue to provide support for non-major projects where there are complex issues or where the projects can serve as models.



## 2.6 JASPERS review meetings with DG Regional Policy

Regular tripartite and bilateral meetings (JASPERS-DG REGIO, JASPERS-Management Authorities/beneficiaries) were held during the year to exchange views on JASPERS activities and developments and to obtain feedback from the country and horizontal units of DG REGIO.

A meeting with DG Regional Policy Geographical Units took place on 1 June in Brussels. It was well attended and provided a forum for discussion of key issues in the areas of information sharing, the value added of JASPERS, reducing the time for approval of grant applications and the future direction of JASPERS.

During the meeting with the Geographical Units, it was emphasised by desk officers and heads of units that JASPERS should be involved at an early stage in the preparation of projects for the next programming period in order to ensure that it can have an influence on project design. This would reduce the risk of projects already being at the advanced construction

stage when JASPERS becomes involved, leaving its impact on improving the documentation rather than the underlying project.

On 18-19 May 2010 the Polish Ministry for Regional Development, in cooperation with JASPERS and the European Commission, held a seminar to support the Regional Authorities in the development of broadband network projects in Poland. The seminar brought together officials from the EIB, DG Regional Policy, DG Competition and DG Information Society as well as representatives from national organisations that have successfully managed the implementation of broadband projects.

On 8 June 2010 a meeting took place in Brussels between JASPERS and DG Environment representatives to increase mutual awareness and share methodologies and project analysis criteria.

Also of particular note was the meeting of the Visegrad countries plus Slovenia, organised by the Czech authorities in Prague in October 2010 with JASPERS and the Commission, as a follow-up to the Stakeholders' Meeting in Sofia.



Kopernik Centre, Warsaw, Poland



### 3. Operational activities

#### 3.1 2010 Action Plan process

JASPERS operates on the basis of Action Plans agreed annually for each country in cooperation with the beneficiary Member State concerned and the European Commission.

All Action Plans were signed by the end of July 2010. In some countries this took longer than expected, partly due to formalities on the national authority's side. However, in all the countries JASPERS had already identified and pre-agreed its work programme for 2010 with the national authorities and DG Regional Policy between November 2009 and February 2010.

#### 3.2 Project portfolio at 31 December 2010

The JASPERS assignments portfolio at 31 December 2010 is available in Annex 2.

Of the 366 assignments receiving assistance across all JASPERS beneficiaries and in all sectors of activity at the end of 2010, over two thirds (280) were major projects. About a third (109) were in the ports, airports and railways sector. The remaining 257 active assignments concerned water and wastewater (75), roads (70), solid waste and energy (62), urban infrastructure (29) and the knowledge economy (15), and 6 were multi-sectoral assignments. A total of 57 assignments concerned small projects and 29 were horizontal assignments.



Table 3: JASPERS operations completed by country

Country	Total 2006 to date	2006	2007	2008	2009	2010
Bulgaria	31	0	0	6	9	16
Cyprus	6	0	0	1	1	4
Czech Republic	46	0	1	5	17	23
Estonia	13	0	2	3	6	2
Hungary	35	0	2	16	9	8
Latvia	11	0	3	3	2	3
Lithuania	9	0	0	2	6	1
Malta	11	0	1	4	4	2
Poland	97	3	3	9	34	48
Romania	97	0	8	21	27	41
Slovakia	19	0	0	3	8	8
Slovenia	20	0	0	9	9	2
Multi-country	4	0	2	0	1	1
<b>Total</b>	<b>399</b>	<b>3</b>	<b>22</b>	<b>82</b>	<b>133</b>	<b>159</b>

Table 4: JASPERS operations completed by sector

Sector	Total 2006 to date	2006	2007	2008	2009	2010
Knowledge economy	16	0	0	0	4	12
Ports, airports and railways	58	0	3	11	23	21
Roads	48	0	0	7	24	17
Solid waste and energy	101	1	9	20	22	49
Urban infrastructures and services	44	1	1	9	22	11
Water and wastewater	119	1	7	32	36	43
Multi-sector	12	0	1	3	2	6
Miscellaneous	1	0	1	0	0	0
<b>Total</b>	<b>399</b>	<b>3</b>	<b>22</b>	<b>82</b>	<b>133</b>	<b>159</b>

### 3.3 Highlights from regional offices

The JASPERS Northern regional office in Warsaw covers Poland, Estonia, Latvia and Lithuania. The office recorded a significant increase in the number of new assignments in 2010, covering over 180 assignments and completing 54 of them in the twelve-month period. Completions included 48 assignments in Poland, two in Estonia, three in Latvia and one in Lithuania. JASPERS' Warsaw office focused on project applications for submission during 2010 and 2011. JASPERS continued to assist beneficiaries both with project applications and in replying to interruption letters if required, in order to facilitate the grant approval process.

The JASPERS Central Europe regional office in Vienna serves the Czech Republic, Malta, Slovakia, Hungary and Slovenia. In 2010 this office covered some 150 assignments and completed 43 of them. Activities in all countries continued at a high level in terms of providing advice to the Managing Authorities. Overall, the Managing Authorities from the countries covered by the Vienna regional office continued to make intensive use of the local JASPERS presence and advice on sector issues, such as strategic transport matters and selection criteria for major research and development schemes.

The JASPERS Southern Europe regional office in Bucharest covers Romania and Bulgaria. In 2010, the JASPERS portfolio in these two countries included 175 active assignments in all the sectors, of which over 30% (57) were completed by the end of the year. The actions were evenly distributed between the environmental and the transport sectors in both countries. In addition, over 10% of the active assignments were in horizontal tasks and advice provided at the request of the national authorities, showing a growing trend since 2009 for this type of action.

## 4. Activity by sector

### 4.1 Roads

Projects in the road sector include motorways and expressways along the TEN Corridors and Priority Projects and major city bypasses and ring roads. The total value of road projects for which JASPERS assistance had been sought as at 31 December 2010 in the 2007-2011 programming period is estimated at EUR 30 billion. Most of them are major projects, with an average cost of over EUR 290 million. Non-major projects represent some 8.8% and include model projects to be replicated (elimination of road-railway level crossings, horizontal actions relevant to all projects in the sector/country and institutional support actions).

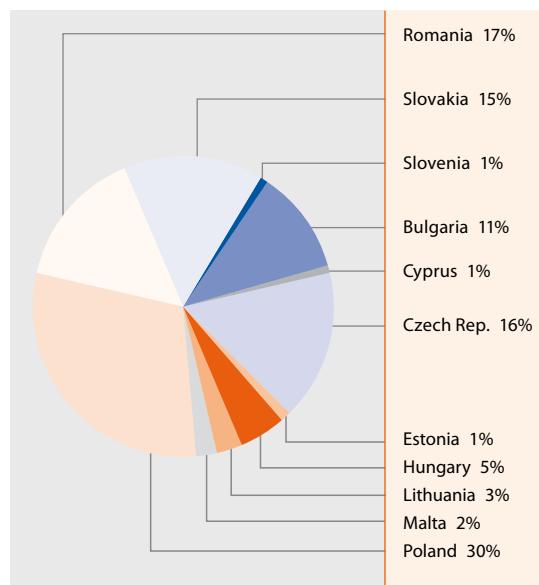
In 2010, the Action Plans agreed with beneficiary countries included a total of 91 assignments with a total estimated investment cost of about EUR 21 billion. Due to the lengthy preparatory period required for road projects, several operations span two or more Action Plans. New operations introduced, in addition to typical road construction and rehabilitation projects, include TA and horizontal actions such as project assessment, tolling systems and ITS (Intelligent Transport Systems). Active assignments at the end of 2010 were 70.

Road projects are intended to implement the trans-European transport strategy, to ensure safe and reliable connections and support regional development. Fluid traffic conditions, schemes to ensure that traffic does not pass through villages and cities, road safety measures and the strict application of mitigation measures contribute to improving safety, reducing pollution due to congestion and reducing the impact on the environment.



A total of 17 assignments were completed in 2010, with a total estimated value of about EUR 6.5 billion. Thirteen were approved by the European Commission (four in Poland, two each in Latvia and Slovenia, and one each in Bulgaria, Estonia, Malta, Romania and Slovakia). In 2010, the first application was submitted and approved for Bulgaria (Trakia motorway: see case study below). JASPERS was also active in providing horizontal support on several technical and institutional issues. Examples include the analysis of the impact of the introduction of tolling on some national roads and expressways (Poland), a comprehensive study of tolling strategy (Romania), support on option analysis, demand and CBA (Slovakia), and guidelines for project appraisal (Lithuania). Particular attention is paid to ensuring that these types of support, though implemented in specific countries, are disseminated and utilised as appropriate in other JASPERS countries.

**Figure 3: Detailed distribution of active and completed JASPERS assignments in road projects as at 31/12/2010**



**Trakia motorway, Bulgaria**

The construction of the remaining part of the Trakia motorway – 115 km between Stara Zagora and Karnobat – will complete the 361 km-long motorway and connect Sofia with the Black Sea ports of Burgas and Varna. The project is a major step forward in the implementation of Bulgaria’s motorway development strategy, which provides for a network linking the main towns and cities. This will ensure efficient connections and serve as the main arteries for medium/long-distance traffic.



Cross-section of Trakia motorway, Bulgaria

### Key project features

The Trakia motorway is divided into five lots. Lots 1 and 5 are already completed, while the project presented is for the construction of the remaining three lots (2, 3 and 4), covering a total of 115.2 km of new motorway, complying with modern standards (29 m cross-section) and with a design speed of 140 km/h. The project also includes five interchanges, 10 bridges and more than 50 over/under-passes to enable local traffic to cross the motorway safely.



Beltinci-Lendava motorway, Slovenia

### JASPERS' role

- Overall support to the Bulgarian authorities for the definition of priority projects in the road sector. This included participation in concept development for the project, structuring of the external assistance for preparation of the project, clarification of procedures and overall organisation of the preparatory process
- Support for the finalisation of tender documents
- Review and guidance to the consultant for the preparation of the application and related documents, including demand analysis and traffic forecasts, CBA modelling, assumptions, etc.)
- Provision of the structure for the summary of the EIA procedure and guidelines for its preparation
- Assistance to the beneficiary for answering questions from DG REGIO seeking clarification of certain points.



Hricovske Podhradie-Zilina D3 motorway, Strazov, Slovakia

### Key dates

<b>04-2009</b>	Start of Environmental Impact Assessment (the EIA had already been conducted in 1993 and 1998, but the alignment of the road was subsequently modified)
<b>12-2009</b>	Decision on EIA
<b>04, 08 and 09-2010</b>	Issue of building permits for the three lots
<b>06-2010</b>	JASPERS Completion Note and submission of application to the Commission
<b>04, 06 and 07-2010</b>	Signature of works contracts for the three lots
<b>12-2010</b>	Positive decision from Commission
<b>First quarter 2013:</b>	Expected end of construction





#### 4.2 Ports, airports and railways

In 2010 JASPERS worked on 130 assignments in the ports, airports and rail sector, supporting projects with an estimated investment cost of approximately EUR 25 billion. As in previous years, the rail sector provided the largest share of JASPERS assignments (75) with airports (15) and ports (14) representing a similar proportion to 2009.

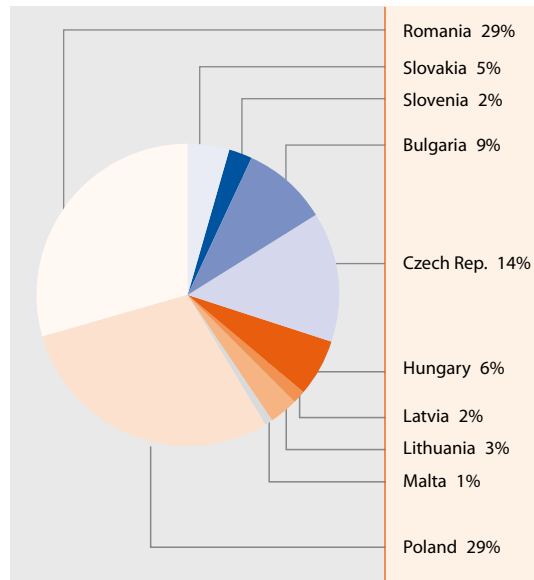
During 2010 some 21 assignments were completed, 18 of them supporting major projects for which grant applications were submitted to the European Commission. Six major rail projects were approved by the Commission during the year (two in the Czech Republic and one each in Romania, Hungary, Slovenia and Slovakia), for a total project cost of EUR 1.3 billion.

In Poland four major project applications were submitted to the Commission in the rail sector.

In Romania, progress continued on the preparation of rail projects with the assistance of JASPERS and the first project in the rail sector was approved (ERTMS Pilot Project).

In Bulgaria, following intensive JASPERS support, the first major rail project (Parvomai-Svilengrad) was submitted to the European Commission. In 2010 JASPERS also assisted in the final preparation of two further rail applications which would, if implemented in this financial perspective, represent the full allocation of funds for the sector in Bulgaria.

**Figure 4: Detailed distribution of active and completed JASPERS assignments in port, airport and railway projects as at 31/12/2010**



Bucharest wastewater infrastructure, Romania

### 4.3 Water and wastewater

The water and wastewater division mainly supports assignments concerning water supply and wastewater as well as flood risk management. Based on the 2010 Action Plans, the Water Division supported some 116 assignments. A total of 42 new water assignments were covered in 2010, while 74 assignments were carried over from 2009. The 2010 investment volume supported by this division was in excess of EUR 9 billion, a 20% increase compared to the previous year.

With regard to the composition of the water sector portfolio in 2010, 75 assignments concerned major projects (cost greater than EUR 50 million), amounting to an investment volume of more than EUR 8 billion. Some 25 assignments were non-major projects (EUR 25 million to EUR 50 million), corresponding to an invest-

ment volume of about EUR 1 billion. In agreement with national authorities and DG-REGIO, JASPERS has retained these assignments in the 2010 Action Plans although the EC changed the threshold for major environmental projects from EUR 25 million to EUR 50 million in June 2010.

Some 16 assignments in 2010 concerned horizontal tasks, including upstream project screening and scoping exercises. A total of 83 assignments concerned water supply and wastewater investments (to comply with EC Directives) and 17 were flood risk management schemes.

A total of 43 water assignments and one water-related multi-sector assignment were completed. Of these, 75% were major projects, 16% non-major projects and 9% horizontal or scoping assignments. The investment value of the assessed projects exceeds EUR 3.5 billion.



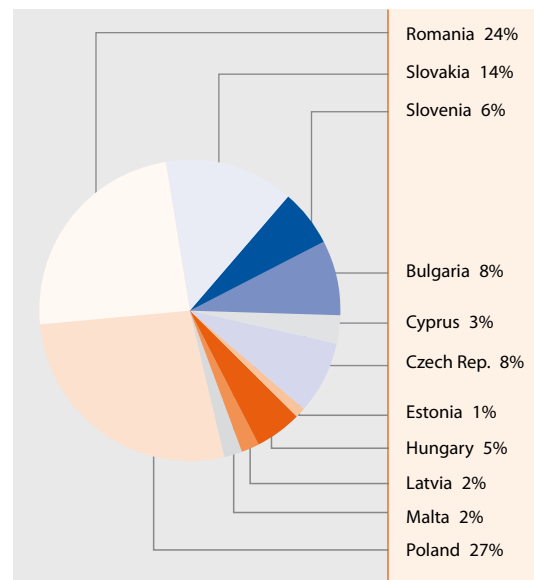
Reinforcement of banks of the Danube river, Hungary



In 2010, 31 projects supported by the Water Division achieved EU grant approval. They concern 19 major water projects (18 wastewater and 1 flood risk management), one non-water project and 11 non-major water projects. The European Commission approved some EUR 1.25 billion in grants to co-finance major water projects, for an investment volume of more than EUR 1.9 billion (112% higher than in 2009.)

In addition, national authorities approved almost EUR 250 million of grants to cofinance non-major JASPERS-supported water projects worth some EUR 400 million. While JASPERS countries have generated a steady pipeline of water supply and wastewater projects that can be moved towards maturity by the JASPERS experts, flood risk management is generally less mature. This sector requires capacity strengthening and more comprehensive support for sector development and project preparation. JASPERS completed four flood-related assignments in 2010 and helped secure grant approval for two (Hungarian) flood risk management projects.

**Figure 5: Detailed distribution of active and completed JASPERS assignments in water and wastewater projects as at 31/12/2010**



### Flood protection projects along the Tisza river in Hungary

In mid-2008 JASPERS started work on assisting with flood protection projects in Hungary, resulting in the approval of three major projects so far, with a fourth still under preparation:

- Hany-Tizzasuly flood level reducing reservoir project
- Nagykunsag flood level reducing reservoir project
- Szamos Krazna koz flood reducing reservoir project
- Complex development of flood protection system with flood plain revitalisation in Bereg.

The total cost of these projects is EUR 316.1 million, of which EUR 264.2 million in the form of an EC grant (Cohesion Fund).

Originally 30 potential sites for emergency reservoirs were identified and 11 were later shortlisted based on technical (terrain, water diversion by gravity) and environmental (ecology and land use) considerations. The first group of the above-mentioned four reservoirs will lower the downstream flood levels by at least 50 cm (at the Serbian border, closer to the project location), leaving a further 50 cm reduction to be achieved by the planned reservoirs.

### Key project features

- Protection of the flood risk area in Eastern Hungary along the River Tisza
- Following the overall flood protection plan (Vásárhegyi Plan) along the River Tisza
- Preventive flood mitigation by controlled diversion/retention of part of the flow in reservoirs
- Use of flood waters for landscape management (wetlands, drought prevention)
- Lowering the peak flood levels by 1 metre through a chain of flood retention reservoirs in the Hungarian part of the flood plain
- Protecting almost 600 000 people living in the area from the risk of flooding
- Six reservoirs either completed or under construction: Tiszaroff and Cigand (already built), Hanyi-Tiszasuly, Nagykunsag and Szamos Kraszna (under construction, reviewed by JASPERS and approved by the EC) and Bereg (currently under JASPERS review).

### JASPERS' role

- Review of the programme concept, including compliance with flood and water framework directives, landscape management
- Review of feasibility study and EIA
- Consultation and mediation with and between the EC and Hungarian authorities in the approval process.



Example of two water reservoir inlet structures



Flood reservoir dyke to be constructed



#### 4.4 Solid waste and energy

The solid waste and energy division covers projects in the solid waste and energy sector, including waste management, rehabilitation of polluted sites, renewable energy, oil and gas, flue gas cleaning, district heating and energy efficiency.

District heating and energy efficiency projects, which previously came under the urban infrastructure and services division, were added to the responsibilities of the solid waste and energy division on 1 January 2010.

The Action Plans agreed for 2010 with beneficiary countries included a total of 111 assignments (40% for solid waste and 60% for energy), a 20% increase from the previous year, supporting projects for a total estimated investment cost of about EUR 8.2 billion.

New operations were introduced in the course of the year in the fields of energy production, gas production, district heating and solid waste management.

All solid waste and energy projects are designed to comply with the relevant EU standards.

Waste management projects focus on the recovery of materials and energy, the diversion of biodegradable waste from landfills, final disposal of that waste in an appropriate manner and the rehabilitation of polluted sites. Renewable projects are aimed at increasing the share of renewable energy in line with the 2020 targets and energy efficiency projects at making better use of the energy generated. In the oil and gas sector, the focus is on supporting improvements in systems operation and security of supply, whereas flue gas cleaning and district heating projects are concerned with facilitating compliance with emission standards in power plants.

As in previous years, most of the assignments were concentrated in Romania, Bulgaria and Poland. The increase from EUR 25 million to EUR 50 million in the threshold for major projects in the environmental sector adopted in 2010 did not have a significant impact on the number of assignments in this sector. Even though projects under EUR 25 million no longer have to be submitted to the European Commission, the majority of beneficiaries decided to keep the assignments involving projects below EUR 50 million in the Action Plans.

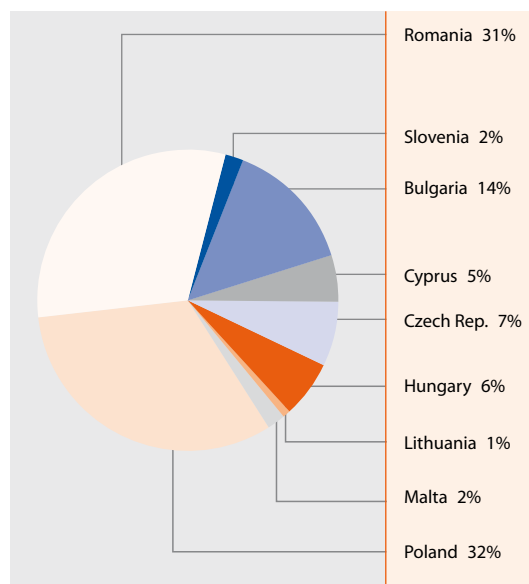
A total of 49 assignments was completed in 2010, about twice as many as in 2009. Some 16 projects were approved during the year (nine major projects approved by the European Commission and seven non-major projects approved by national authorities).

Assignments completed in 2010 in the solid waste and energy sector also included the closure of non-compliant landfills and two horizontal tasks in Cyprus: a seminar on CBA and funding gap analysis and another on project applications. The former was of particular importance for the beneficiaries of major projects in Cyprus (Nicosia and Limassol landfills, rural waste water, Limassol highway and Nicosia cultural centre).

In the course of 2010 the European Commission authorised, under the EU state aid rules, the provision of state grants amounting to EUR 390 million for the construction of or capacity increases in four underground gas storage sites in Poland. This facilitated the submission of the four underground gas storage projects prepared with the assistance of JASPERS (Mogilno, Wierchiwice, Stratochina and Kosqkowo). JASPERS assisted the beneficiary to address the state aid issue and the corresponding assignments were completed between January and June 2010. In the second half of the year, two of the three applications approved by the Commission involved district heating projects in Romania.



**Figure 6: Detailed distribution of active and completed JASPERS assignments in solid waste and energy projects as at 31/12/2010**





### Wierchowice underground gas storage, Poland

The project consists of expansion of the underground gas storage in Wierchowice (Eastern Carpathians, Poland) in order to improve the security of supply in the country in line with the Operational Programme Infrastructure and Environment 2007-2013. The project takes advantage of an existing natural formation that was previously utilised as a gas field and now provides an ideal geological trap to store gas. This expansion will include all the required elements to inject and draw gas from and to major gas pipelines as needed. This is the first time that this type of project is being considered for Structural Funds support. The corresponding application for funding was submitted to the European Commission in December 2010.

### Key project features

Located in one of the most gas-dependent areas in Poland in terms of connections to residential and commercial customers, the project is intended to increase security of supply and cope with increasing gas demand in wintertime. The storage capacity provided is 625 million m<sup>3</sup>. The total project cost is EUR 547 million, of which EUR 250 million is supported by EU funds. Synergies are ensured with other JASPERS-supported projects in the sector in Poland (improvement of the gas transmission system and the construction of an LNG terminal in Swinoujscie.) Benefits also derive from the replacement of CO<sub>2</sub> emissions with alternative fuels.



Trench and pipeline construction

### JASPERS' role

- Preparation of a gas market study to place this and other related projects in the sector in Poland within a relevant planning framework
- Advice on the institutional set-up
- Preparation of a study to address relevant state aid issues
- Support for the Managing Authority and beneficiary in the pre-notification and notification process to resolve state aid issues and ensure that the assistance from the EU funds is compatible with the single market rules
- Review of the project application prior to submission to the EC
- Coordination with the EC, Managing Authority and project beneficiary
- Ongoing support during the EC appraisal process.

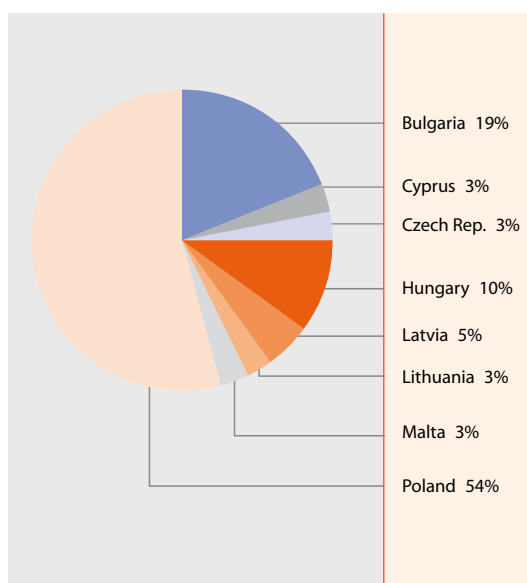
#### 4.5 Urban infrastructure

In 2010 JASPERS worked on 40 assignments in the urban infrastructure sector, with the majority of assignments being related to urban transport.

During 2010 JASPERS completed 11 assignments in this sector, eight of them resulting in major projects for which grant applications were submitted to the European Commission. In Bulgaria, with the assistance of consultants, JASPERS continued to provide intensive support for five integrated urban transport projects, where there has been notable progress in the finalisation of contracts for feasibility studies. Meanwhile, in 2010 the Burgas integrated urban transport project was submitted to the European Commission.

Considerable progress was made in the preparation of urban transport projects in Poland and two major projects were approved during the year in Krakow and Warsaw.

**Figure 7: Detailed distribution of active and completed JASPERS assignments in urban infrastructure projects as at 31/12/2010**



#### Riga and Pieriga Mobility Plan (RPMP)

The project relates to the development of an integrated mobility master plan for Riga and Pieriga (metropolitan area) for:

- recognising the integration of the region;
- balancing road transport development in the region with the development of public urban transport;
- planning road infrastructure for the medium and long term, considering links to port areas, airports and railway stations;
- setting up an institutional framework for implementing a mobility strategy across the region;
- combining existing and planned investments that have been assessed primarily at the city level into a complex system of infrastructure serving the region;
- identifying additional investments needed for the region;
- multi-annual financing planning, identifying the sources of financing.





Riga and Pieriga Mobility Plan, Latvia

### Key project features

The development of the Mobility Plan has involved six tasks:

- description and analysis of the current situation;
- definition of vision and sub-objectives;
- traffic modelling;
- development of transport system variants;
- development of the recommended transport system variant;
- development of an action programme.

In parallel, a Strategic Environmental Assessment was carried out by the consultant and submitted to public consultation before being approved by the Steering Committee.

Synergies with other projects also being supported by JASPERS included:

- Riga airport development;
- Krievu Sala harbour development.

### JASPERS' role

Prepare draft ToR for technical assistance for the Project Management Unit (PMU) in the Ministry of Transport.

Prepare draft ToR for the Integrated Mobility Master Plan Study.

Follow-up of RPMP.

#### 4.6 Knowledge economy

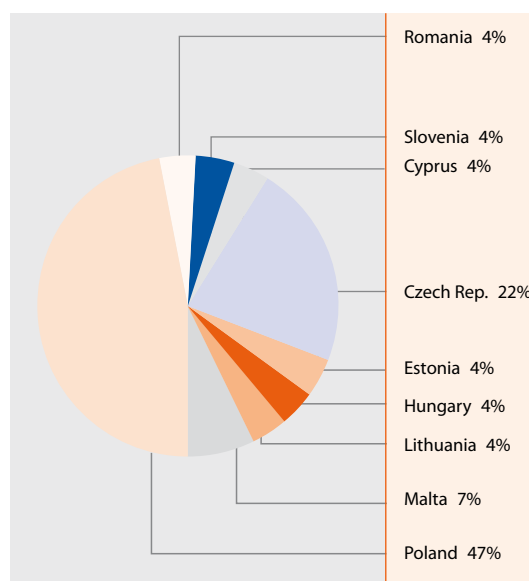
Developing and making effective use of knowledge requires appropriate policies, institutions, investments and coordination across all sectors that constitute knowledge economies. To better channel the technical expertise for these projects, in 2010 JASPERS created a dedicated team to assist beneficiaries from the early stages of project conception through to the final application for EU funding, regrouping 26 projects that were covered under the urban sector and a dozen newly proposed assignments under the different 2010 Action Plans.

The Knowledge Economy portfolio mainly contains R&D infrastructure, science parks, science museums and ICT projects involving the planning and roll-out of broadband infrastructure, to give populations in rural areas access to high-speed internet and telecoms services. To meet the growing requests of Member States for support in this area, the Knowledge Economy team was reinforced with two ICT specialists. Projects in Poland represented the largest share of the total portfolio (32 assignments), followed by the Czech Republic, Malta and Hungary.

Thirteen assignments were completed in 2010. Two more completions concerned horizontal tasks (workshops on broadband networks and on cultural centres and museums in Poland). Overall, JASPERS' Knowledge Economy team completed 40% of the projects that were in the pipeline (60% of the backlog of the assignments created before 2010).

In the course of 2010, the first grants for JASPERS-assisted knowledge economy projects were approved by the European Commission: the Polish ID-card, the Lower Silesian Centre for Materials and Biomaterials at the Wrocław Research Centre EIT+, the Centre for Preclinical Research in Warsaw and the Katowice/Zabrze Research Centre for Clean Coal Technology.

**Figure 8: Detailed distribution of active and completed JASPERS assignments in knowledge economy projects as at 31/12/2010**





### The Wrocław Research Centre EIT+ (Poland)

The Wrocław Research Centre EIT+ was created in November 2007 as a limited liability company. The shareholders of the company are: Wrocław Municipality, the local government of Lower Silesia Province, Wrocław University of Technology, the Medical University in Wrocław, Wrocław University of Environmental and Life Sciences, and the University of Wrocław. The new company will create a modern research facility in a campus location, bring together the R&D expertise available in the city, lead new R&D efforts and develop intellectual property. It will concentrate on innovative technologies in nanotechnology and advanced materials, biotechnology and advanced medical technologies or IT and communication technologies.

#### Key project features

- A partnership of the key players in the Wrocław area
- A prime campus development at Pracze, close to the city
- Dedicated R&D resources and core programmes in nanotechnologies and biotechnologies
- Dedicated team to exploit the intellectual property created.

#### JASPERS' role

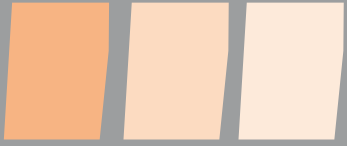
- Advise on scope of the project
- Clarify policy and other questions with the European Commission
- Review feasibility study, grant application, CBA documents, environmental assessment
- Advise on timing the application process to allow for construction procurement
- Implementation support.

#### Key dates

- 06-2007:** JASPERS assistance started
- 12-2009:** JASPERS Completion Note
- 06-2010:** European Commission approval
- 06-2010:** Conference "European Research Infrastructures for Innovation and Development", organised by Wrocław Research Centre EIT+



Wrocław Research Centre EIT+, Poland



# Financial information





### 1. The budget for 2010

In line with Article 3 of the Contribution Agreement, the budget of the Action is based on eligible costs for financing by the Commission, as well as on the contributions of the EIB, the EBRD and KfW in the form of professional and support staff time. In the Contribution Agreement the estimated total cost of the Action in 2010 was EUR 35 120 000.

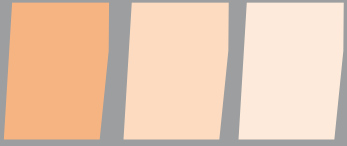
### 2. Summary of the Action: income and expenditure and payments received

By the end of 2010, 51 of the 58 budgeted EU-funded professional staff and 13 of the 14 EU-funded support staff had been recruited.

The financial statement for 2010 in Annex 7 shows the breakdown of eligible expenditure from 1 January to 31 December 2010.



Closure of non-compliant landfills, Cyprus



# Annexes





## Annex 1 – Human Resources as at 31 December 2010

### Human Resources as at 31 December 2010

Staff	EC	EIB	EBRD	KfW	Total
Professional staff	51	18	3	3	75
Support (including temporary external staff)	13	0	0	0	13
<b>Total</b>	<b>64</b>	<b>18</b>	<b>3</b>	<b>3</b>	<b>88</b>

*of which to be allocated in*

	EC	EIB	EBRD	KfW	Total
Warsaw	20	2	1	0	23
Vienna	15	1	0	3	19
Bucharest	18	1	2	0	21
Luxembourg	11	14	0	0	25
<b>Total</b>	<b>64</b>	<b>18</b>	<b>3</b>	<b>3</b>	<b>88</b>

### Professional staff

	Director managers	Sector managers	Other	Heads of office	Transport		Environment		Urban & Knowledge Development		EIA specialist	Financial administrator	Total
					Engi- neer	Econ- omist	Engi- neer	Econ- omist	Engi- neer	Econ- omist			
Warsaw	0	0	0	1	4	3	4	2	0	4	3	0	21
Vienna	0	0	2	1	4	2	3	2	0	1	1	0	16
Bucharest	0	0	0	1	4	2	5	4	0	0	2	0	18
Luxembourg	1	6	0	0	1	0	2	1	2	2	1	4	20
<b>Total</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>13</b>	<b>7</b>	<b>14</b>	<b>9</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>4</b>	<b>75</b>

### Support staff

	General sector	IT database	Total
Warsaw	3	0	3
Vienna	3	0	3
Bucharest	3	0	3
Luxembourg	3	1	4
<b>Total</b>	<b>12</b>	<b>1</b>	<b>13</b>

*"Other" = Including professional staff input from EIB's PJ and other Directorates and KfW*

Annex 2 – Assignments completed since 2006

2010		SECTOR								PROJECT TYPE		
Country	TOTAL	Water & wastewater	Solid waste & energy	Roads	Ports, airports & railways	Urban infrastructure and services	Knowledge economy	Multi-sector	Other	MAJOR	SMALL	HORIZ.
		WAT	SWE	ROD	RAL	MUN	KE	MSE	MIS			
Bulgaria	16	2	9	1	1	2	0	1	0	4	8	4
Cyprus	4	1	3	0	0	0	0	0	0	0	2	2
Czech Republic	23	4	2	5	5	1	6	0	0	21	2	0
Estonia	2	1	0	1	0	0	0	0	0	1	0	1
Hungary	8	4	0	1	2	0	0	1	0	7	0	1
Latvia	3	1	0	0	2	0	0	0	0	3	0	0
Lithuania	1	0	0	0	0	0	1	0	0	1	0	0
Malta	2	1	1	0	0	0	0	0	0	1	1	0
Poland	48	12	16	3	4	8	5	0	0	37	7	4
Romania	41	12	17	4	5	0	0	3	0	24	9	8
Slovakia	8	5	0	1	2	0	0	0	0	8	0	0
Slovenia	2	0	1	1	0	0	0	0	0	1	1	0
Multi Country	1	0	0	0	0	0	0	1	0	0	0	1
<b>Total</b>	<b>159</b>	<b>43</b>	<b>49</b>	<b>17</b>	<b>21</b>	<b>11</b>	<b>12</b>	<b>6</b>	<b>0</b>	<b>108</b>	<b>30</b>	<b>21</b>

2009		SECTOR								PROJECT TYPE		
Country	TOTAL	WAT	SWE	ROD	RAL	MUN	KE	MSE	MIS	MAJOR	SMALL	HORIZ.
		Bulgaria	9	4	4	0	1	0	0			
Cyprus	1	0	1	0	0	0	0	0	0	0	1	0
Czech Republic	17	4	2	4	5	1	1	0	0	16	0	1
Estonia	6	1	0	3	1	1	0	0	0	4	2	0
Hungary	9	3	1	2	2	1	0	0	0	9	0	0
Latvia	2	0	0	0	1	1	0	0	0	1	1	0
Lithuania	6	0	3	0	0	1	1	1	0	2	0	4
Malta	4	1	2	0	1	0	0	0	0	3	0	1
Poland	34	11	4	5	1	11	1	1	0	23	5	6
Romania	27	7	5	5	3	6	1	0	0	17	1	9
Slovakia	8	2	0	2	4	0	0	0	0	7	1	0
Slovenia	9	3	0	3	3	0	0	0	0	3	6	0
Multi Country	1	0	0	0	1	0	0	0	0	0	0	1
<b>Total</b>	<b>133</b>	<b>36</b>	<b>22</b>	<b>24</b>	<b>23</b>	<b>22</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>89</b>	<b>18</b>	<b>26</b>

2008		SECTOR								PROJECT TYPE		
Country	TOTAL	WAT	SWE	ROD	RAL	MUN	KE	MSE	MIS	MAJOR	SMALL	HORIZ.
		Bulgaria	6	3	1	0	1	1	0			
Cyprus	1	0	1	0	0	0	0	0	0	0	1	0
Czech Republic	5	2	0	0	3	0	0	0	0	4	0	1
Estonia	3	2	0	1	0	0	0	0	0	0	0	3
Hungary	16	7	3	1	1	4	0	0	0	16	0	0
Latvia	3	0	0	2	1	0	0	0	0	3	0	0
Lithuania	2	0	1	0	1	0	0	0	0	1	0	1
Malta	5	1	2	1	0	1	0	0	0	3	1	0
Poland	11	1	5	0	1	3	0	1	0	3	0	6
Romania	18	10	6	0	2	0	0	0	0	12	0	9
Slovakia	3	1	0	1	1	0	0	0	0	2	0	1
Slovenia	9	5	1	1	0	0	0	2	0	3	4	2
<b>Total</b>	<b>82</b>	<b>32</b>	<b>20</b>	<b>7</b>	<b>11</b>	<b>9</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>51</b>	<b>8</b>	<b>23</b>





2007		SECTOR								PROJECT TYPE		
Country	TOTAL	Water & wastewater	Solid waste & energy	Roads	Ports, airports & railways	Urban infrastructure and services	Knowledge economy	Multi-sector	Other	MAJOR	SMALL	HORIZ.
		WAT	SWE	ROD	RAL	MUN	KE	MSE	MIS			
Czech Republic	1	0	1	0	0	0	0	0	0	1	0	0
Estonia	2	1	0	0	1	0	0	0	0	2	0	0
Hungary	2	1	0	0	0	1	0	0	0	1	0	1
Latvia	3	0	2	0	0	0	0	1	0	2	0	1
Malta	1	0	1	0	0	0	0	0	0	0	1	0
Poland	3	0	2	0	0	0	0	0	1	2	0	1
Romania	8	3	3	0	2	0	0	0	0	5	0	3
Multi Country	2	2	0	0	0	0	0	0	0	0	0	2
<b>Total</b>	<b>22</b>	<b>7</b>	<b>9</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>8</b>

2006		SECTOR								PROJECT TYPE		
Country	TOTAL	WAT	SWE	ROD	RAL	MUN	KE	MSE	MIS	MAJOR	SMALL	HORIZ.
Poland	3	1	1	0	0	1	0	0	0	3	0	0
<b>Total</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>

<b>Grand total</b>	<b>399</b>	<b>119</b>	<b>101</b>	<b>48</b>	<b>58</b>	<b>44</b>	<b>16</b>	<b>12</b>	<b>1</b>	<b>264</b>	<b>57</b>	<b>78</b>
--------------------	------------	------------	------------	-----------	-----------	-----------	-----------	-----------	----------	------------	-----------	-----------



Wrocław, Poland

### Annex 3 – Summary of assignments completed since 2006

2006 to date		SECTOR								PROJECT TYPE		
Country	TOTAL	Water & wastewater	Solid waste & energy	Roads	Ports, airports & railways	Urban infrastructure and services	Knowledge economy	Multi-sector	Other	MAJOR	SMALL	HORIZ.
		WAT	SWE	ROD	RAL	MUN	KE	MSE	MIS			
Bulgaria	31	9	14	1	3	3	0	1	0	12	11	8
Cyprus	6	1	5	0	0	0	0	0	0	0	4	2
Czech Republic	46	10	5	9	13	2	7	0	0	42	2	2
Estonia	13	5	0	5	2	1	0	0	0	7	2	4
Hungary	35	15	4	4	5	6	0	1	0	33	0	2
Latvia	11	1	2	2	4	1	0	1	0	9	1	1
Lithuania	9	0	4	0	1	1	2	1	0	4	0	5
Malta	11	3	6	1	1	0	0	0	0	7	3	1
Poland	97	25	28	8	6	21	6	2	1	68	12	17
Romania	97	32	31	9	12	9	1	3	0	58	10	29
Slovakia	19	8	0	4	7	0	0	0	0	17	1	1
Slovenia	20	8	2	5	3	0	0	2	0	7	11	2
Multi	4	2	0	0	1	0	0	1	0	0	0	4
<b>Total</b>	<b>399</b>	<b>119</b>	<b>101</b>	<b>48</b>	<b>58</b>	<b>44</b>	<b>16</b>	<b>12</b>	<b>1</b>	<b>264</b>	<b>57</b>	<b>78</b>

### Annex 4 – Funding from EC and national budgets for JASPERS-supported projects approved in 2010 (EUR m)

Country	Community amount	National public amount	Other funding	Total 2010	Total (2008-2010)
Bulgaria		334	88	423	865
Czech republic		258	219	486	791
Estonia		222	34	341	341
Hungary		588	133	721	4 052
Latvia		206	39	246	359
Malta		131	34	178	178
Poland		2 594	755	3 538	3 538
Romania		1 099	864	1 962	4 334
Slovakia		200	193	448	1 025
Slovenia		183	197	382	642
<b>Total</b>		<b>5 814</b>	<b>2 557</b>	<b>8 724</b>	<b>16 125</b>

Source: Infoview DG-REGIO



## Annex 5 – List of JASPERS-supported projects approved by the European Commission to end-2010

Country	Title	Total cost (EUR m)	EU grant (EUR m)
<b>2010</b>		<b>8 724</b>	<b>5 814</b>
Bulgaria	Construction of Trakia Motorway	363	286
	Integrated water project-Gabrovo	60	48
Czech Republic	Rail optimisation Stribro - Plana	218	105
	Rail optimisation Plana - Cheb	210	117
	Clean-up and recultivation of Diamo site, Midlovary	31	20
	Cheb wastewater	26	15
Estonia	Tallinn Ulemiste Road Junction	81	68
	E-20 Vao-Mardu section	109	88
	North Estonia Regional Hospital Tallinn	151	67
Hungary	Szamos-Kraszna	62	53
	Budapest - Szekesfehervar	485	413
	Erd	105	70
	Nagykanizsa	41	29
	Mecsek-Drava Recultivation	28	23
Latvia	Incukalns and Olaine Decontamination	29	22
	E22 Road section Riga (Tinuži) - Koknese	145	123
	E22 Road section Ludza - Terehova	71	61
Malta	Malta South Sewage Treatment	70	59
	Rehabilitation of landfills, phase 2	31	22
	Upgrade TEN-T road network	77	49
Poland	Katowice/Zabrze: Research Centre for Clean Coal/Chemical Coal Processing	49	35
	Warsaw Expressway S8 Konotopa-Powazkowska	638	453
	Motorway A4 Krakow-Tarnow	1 102	873
	Warsaw Expressway S8 Powazkowska-Marki	665	548
	Warsaw: launching rail link for Fryderyk Chopin Airport (rolling stock)	67	43
	Bielsko Biala water and wastewater	62	32
	Kraków agglomeration: Public transport - Stage 2	86	55
	Reconstruction of national road no 4 section Machowa - Lancut	149	121
	Poznan: Centre for Advanced Technologies	63	54
	The expansion and modernisation of the water supply and sewer systems in Bialystok and the borough of Wasilkow	51	28
	Zory water and wastewater	80	43
	Warsaw: Centre for Preclinical and Technological Research	99	78
	Wroclaw: Dolnoslaskie Centre for Materials and Biomaterials	153	107
	Polish ID Card	171	79
	Bialystok: European Art Centre - Opera House and Concert Hall	68	30
	Walcz water and wastewater	34	16
Romania	Extension/modernisation water supply/sewerage system in Constanta county	238	145
	Extension/modernisation water supply/sewerage system in Alba county	126	80
	Extension/modernisation water supply/sewerage system in Braila county	119	74
	Implementation of ECTS/ERTMS level II on Chitila-Crivina section	61	44
	Construction of Timisoara - Arad Motorway	388	124
	Integrated Waste Management Neamt	40	24
	TIMISOARA District Heating Project	69	27
	BACAU District Heating Project	75	32
	Extension/modernisation water supply/sewerage system in Iasi county	169	104
	Integrated Waste Management Mures	54	32
	Extension/modernisation water supply/sewerage system in Dambovita county	139	108
	Extension/modernisation water supply/sewerage system in Arad county	166	107
	Extension/modernisation water supply/sewerage system in Vrancea county	127	83
	Extension/modernisation water supply/sewerage system in Bistrita-Nasaud county	83	64
	IASI District Heating Project	73	31
	Integrated Waste Management Arad	35	22

Country	Title	Total cost (EUR m)	EU grant (EUR m)
<b>2010 (continued)</b>			
Slovakia	Procurement of Rolling stock	232	89
	Expressway R1 (Zarnovica - Sasovske Pohradie)	216	111
Slovenia	Motorway A2 Ponikve - Hrastje	95	34
	Modernisation railway line Divacka-Koper	130	68
	Motorway A2 Pluska - Ponikve	124	53
	Integrated measuring and information system for water	33	28
<b>2009</b>		<b>6 349</b>	<b>3 517</b>
Bulgaria	Sofia Metro Extension - Phase I	379	157
	Integrated water project-Vratza	63	51
Czech Republic	Water quality improvement in Jihlava and Svratka Rivers above New Mills reservoir	29	18
	Water Protection of the Dyje river Basin - Stage II	65	39
	Rail optimisation Benesov-Strančice	211	111
Hungary	Miskolc Municipal Transport	152	116
	Szeged city railway system	119	87
	Mid-Danube Recultivation	31	26
	Bekecsaba	72	51
	Hanyi-Tizsasıly	103	85
	Nagykunság	55	45
	Nyireghaza	62	34
	Mecsek-Dráva Solid Waste	68	40
	Sopron-Szent Gotthard	198	168
	Budapest: METRO Line 4	1 418	729
	Mako	68	39
	Győr Solid Waste	38	22
	Motorway M43	343	201
	Székesfehérvár	42	22
	Motorway M0	490	386
Latvia	Construction of second Track Skiveri - Krustpils (Riga - Krustpils section)	113	66
Romania	Olt County Water ISPA	73	61
	Integrated Waste Mgmt Bistrita-Nasaud	44	27
	Brasov County Water ISPA	189	145
	Construction of Cernavoda - Constanta Motorway	414	71
	Construction of Constanta bypass	192	53
	Integrated Waste Mgmt Giurgiu	32	20
	Integrated Waste Mgmt Vrancea	43	27
	FGD system installing at: Craiova 1 and 2 Power Plants	115	22
	Modernisation and development of Constanta Port Infrastructure	144	58
	Upgrading of TEN-T National Roads N 24& N 24B	148	87
	Upgrading of Zalau - Alesd TEN-T National Road	114	67
Slovakia	D1 Mway (Sverepec-Vrtizer)	380	224
	Modernisation of rail track ( Zilina Krásno nad Kysucou)	198	86
Slovenia	Regional Waste Management Center Ljubljana	144	78
<b>2008</b>		<b>1 052</b>	<b>781</b>
Hungary	Debrecen Municipal Transport	71	55
Romania	Teleorman County Water ISPA	122	99
	Giurgiu County Water ISPA	72	58
	Calarasi County Water ISPA	99	81
	Tulcea County Water ISPA	114	91
	Sibiu County Water ISPA	90	72
	Gorj County Water ISPA	91	74
	Cluj County Water ISPA	80	64
	Cluj and Salaj Counties Water ISPA	197	146
Slovenia	Motorway Beltinci-Lendava	116	42
<b>Total 2008-2010</b>		<b>16 125</b>	<b>10 112</b>



## Annex 6 – Detailed list of assignments completed since 2006

Country	Sector	Type	Title	Completion date
<b>2010</b>				
Bulgaria	WAT	Major	Integrated water measures in Pernik	29/12/2010
	WAT	Horizontal	Identify bottlenecks in programme management	29/12/2010
	MSE	Horizontal	Support in finalising the CBA Manual and in providing a seminar to interested parties	21/12/2010
	RAL	Major	Electrification of the railway line Plovdiv – Svilengrad and modernisation of Corridors IV and X, Phase 2: Parvomai - Svilengrad	01/12/2010
	SWE	Small	Regional waste management measure in Veliko Tarnovo region	15/11/2010
	SWE	Small	Regional waste management measure in Levski region	15/11/2010
	SWE	Small	Regional waste management measure in Varna region	15/11/2010
	SWE	Small	Integrated Waste Management Borovo (Byala) Region	15/11/2010
	SWE	Small	Integrated Waste Management Kostenets Region	15/11/2010
	SWE	Small	Integrated Waste Management Lukovit Region	04/11/2010
	SWE	Small	Integrated Waste Management Pleven Region	06/10/2010
	ROD	Major	Construction of Trakia Motorway	11/06/2010
	SWE	Small	Regional waste management measure in Vidin region	21/05/2010
	SWE	Horizontal	Support the development of criteria for the selection of energy efficiency investments in municipal school buildings	28/04/2010
	MUN	Major	Burgas Integrated Urban Transport Project	26/04/2010
	MUN	Horizontal	Competition and institutional issues related to EU co-financed urban transport projects in Bulgaria	23/04/2010
	Cyprus	SWE	Horizontal	Seminar on Project Applications for Structural Funds
SWE		Small	Closure of non-compliant landfills in Larnaca & Ammochostos Regions	18/08/2010
SWE		Small	Closure of non-compliant landfills in Paphos Region	18/08/2010
Czech Republic	WAT	Horizontal	Strengthening the capacity to perform CBA and Funding Gap analysis	08/03/2010
	KE	Major	BIOCEV - Biotech & Biomed Research Center	29/12/2010
	RAL	Major	Modernisation of railway line Benesov u Prahy	27/10/2010
	KE	Major	IT4Innovations	25/10/2010
	SWE	Major	CVEVL - Centre for research of energetic exploitation of the lithosphere	06/10/2010
	WAT	Major	Improvement of Water Quality in the Upper Morava river Basin - Stage II	23/09/2010
	ROD	Major	I/58 Pribor Bypass	23/09/2010
	KE	Major	CEITEC - Central European Institute of Technology	22/09/2010
	RAL	Major	Modernisation of Rail Corridor III Praha - Plzen	13/09/2010
	KE	Major	ICRC - International Clinical Research Center	27/08/2010
	WAT	Major	Sewerage system Brno	18/08/2010
	ROD	Major	R1 513 Vestec - Lahovice	29/06/2010
	ROD	Major	I/38 Moravske Budejovice Bypass	29/06/2010
	KE	Major	Sustainable Energy Research Pilsen	29/06/2010
	KE	Major	ELI - Czech Republic	29/06/2010
	WAT	Small	Usti nad Orlici wastewater	15/06/2010
	SWE	Small	Steti - small hydro power plant	08/06/2010
	ROD	Major	Expressway R48 Rychaltice - Frydek Mistek	03/06/2010
	ROD	Major	R1 512 Junction D 1 - Vestec	21/05/2010
	RAL	Major	Electrification Zabreh - Sumperk	21/05/2010
	WAT	Major	Cista Becva II	17/05/2010
	RAL	Major	Reconstruction of railway node Breclav stage 1	22/04/2010
MUN	Small	City road traffic control and regulation system in Prague	12/03/2010	
RAL	Major	Modernisation of western part of Prague main station - stage 2 of platforms I-IV	26/02/2010	
Estonia	ROD	Major	Mid Estonia E263 Tallinn-Tartu-Voru-Luhamaa road, Aruvalla-Kose section and Mao bypass	22/01/2010
Hungary	WAT	Horizontal	CBA guide for non-major environmental and energy projects	15/01/2010
	WAT	Major	Danube - reinforcement of embankments	21/12/2010
	RAL	Major	Reconstruction of Óbuda-Esztergom railway line	27/10/2010
	WAT	Small	Small Balaton	23/07/2010
	RAL	Major	Development of the railway infrastructure in the region of Zahony	22/06/2010
WAT	Major	Tapio	30/04/2010	

Country	Sector	Type	Title	Completion date
<b>2010 (continued)</b>				
	MSE	Horizontal	CBA Guidelines	29/03/2010
	ROD	Major	Construction of sections of Trunk Road No.4. in Pest County	04/03/2010
	WAT	Small	Tisza flood-plain	05/02/2010
Latvia	RAL	Major	Riga Airport	18/08/2010
	RAL	Major	Riga port - development of Krievu sala	02/06/2010
	WAT	Major	Latvia HPP Safeguard Programme	11/05/2010
Lithuania	KE	Major	Science Parks R&D Lithuania	23/07/2010
Malta	SWE	Small	CBA for the Restoration and Rehabilitation of Historic Fortifications	29/12/2010
	WAT	Major	Malta South Sewage Treatment	02/07/2010
Poland	RAL	Major	Modernisation of line E30/C-E30, section Krakow-Rzeszow, stage III	30/12/2010
	SWE	Major	GAZ SYSTEM transmission Gustorzyn-Rembelszczyna	29/12/2010
	WAT	Small	Wodzislaw Slaski - Karkoszka II Wastewater Treatment Plant	21/12/2010
	MUN	Major	Krakow: Increase in percentage share of environmentally-friendly public rail transport in servicing the inhabitants and mass events	17/12/2010
	WAT	Small	Brwinow water and wastewater management	17/12/2010
	MUN	Major	Poznan: Purchase of modern low-floor tram fleet	16/12/2010
	MUN	Major	Poznan: Establishment of a tramway route Lecha - Franowo	13/12/2010
	SWE	Major	GAZ SYSTEM transmission Gustorzyn-Odolanow	08/12/2010
	SWE	Major	GAZ SYSTEM transmission Szczecin-Gdańsk	01/12/2010
	SWE	Small	Rehabilitation of lake Górká in Trzebinia	17/11/2010
	WAT	Major	Jaworzno wastewater management	10/11/2010
	SWE	Major	Malechowo Wind Farm	10/11/2010
	SWE	Horizontal	Guideline for Preparation of Sewage Sludge Management Strategy	05/11/2010
	MUN	Horizontal	Workshop on EIA culture projects	27/10/2010
	SWE	Major	Waste management in Warsaw Stage I	20/10/2010
	SWE	Small	Rehabilitation of post-military areas	20/10/2010
	ROD	Major	Motorway A-1 section Torun - Strykow	06/10/2010
	KE	Major	CENT III - Centre for Biological and Chemical Sciences of the University of Warsaw	27/08/2010
	SWE	Small	Regional Waste Management System Tczew	23/08/2010
	RAL	Major	Line modernisation Section: Warszawa - Lodz (stage II)	18/08/2010
	KE	Major	Gdansk: European Solidarity Centre	18/08/2010
	WAT	Major	Poznan Water and Wastewater - Phase I	18/08/2010
	WAT	Major	Construction of a sewer system in the Marki Conurbation	23/07/2010
	KE	Major	CEZAMAT - Centre for Advanced Materials and Technologies	23/07/2010
	SWE	Major	Golice Wind Farm	14/07/2010
	WAT	Major	Zabrze water and wastewater - stage II	09/07/2010
	KE	Horizontal	Workshop for the beneficiaries to facilitate development of feasibility studies and evaluation of the projects in Broadband Infrastructure Development	06/07/2010
	KE	Major	Krakow: Malopolska Congress Centre	01/07/2010
	WAT	Major	Protection of Groundwater in Kielce agglomeration	01/07/2010
	MUN	Major	Warsaw - Construction of the Kopernik Centre of Science	29/06/2010
	RAL	Major	Modernisation of line no 8, Section: West Warszawa - Warszawa Okęcie, rail connection to Okęcie airport	24/06/2010
	WAT	Major	Trias Opolski Groundwater protection - Phase II	22/06/2010
	SWE	Major	Underground gas storage Mogilno - extension	02/06/2010
	SWE	Major	Underground gas storage Wierzchowice - extension	27/05/2010
	WAT	Major	Integrated water and sewage management in Parseta river basin - Phase II	21/05/2010
	WAT	Small	Torun Water and Wastewater Management - Stage II	12/05/2010
	SWE	Major	Underground gas storage Strachocina - extension	11/05/2010
	ROD	Major	Warsaw Expressway S8 Powazkowska-Marki	26/04/2010
	MUN	Major	Katowice: New Silesia Museum	23/04/2010
	ROD	Major	Construction of S-19 Stobierna - Rzeszów	23/04/2010
	RAL	Major	Modernisation of the E65/C-E65 rail line along the section Warsaw-Gdynia-LCS Ciechanow area	23/04/2010
	SWE	Major	Electric Power Link between Poland and Lithuania	20/04/2010
	WAT	Major	Mikolów Water and Wastewater Management	31/03/2010
	WAT	Major	Modernisation and expansion of water and sewage management in the borough of Glucholazy	29/03/2010
	SWE	Small	Energy loss reduction KE ENERGY SA	22/03/2010



Country	Sector	Type	Title	Completion date
<b>2010 (continued)</b>				
Romania	SWE	Major	Underground gas storage Kosakowo - construction	05/02/2010
	MUN	Small	Krakow: Malopolska Regional Biotechnology Centre	22/01/2010
	MUN	Horizontal	GEOPORTAL	22/01/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Neamt county	29/12/2010
	SWE	Small	Focsani District Heating Project	29/12/2010
	SWE	Small	Botosani District Heating Project	29/12/2010
	SWE	Small	Integrated Waste Management Arges	29/12/2010
	SWE	Small	Rehabilitation of contaminated sites - Campina, Prahova county	29/12/2010
	RAL	Major	Modernisation of Simeria - Coslariu railway	21/12/2010
	MSE	Horizontal	Guidelines for EIA procedure applied to infrastructure projects	21/12/2010
	MSE	Horizontal	Horizontal support for EIA/SEA procedure including projects not in the JASPERS Action Plan	21/12/2010
	ROD	Major	Construction of Timisoara - Lugoj Motorway	17/12/2010
	SWE	Horizontal	Ad hoc support for the Solid Waste and Energy Sector	13/12/2010
	RAL	Small	Modernisation of Railway Bridges Constanta Region	10/12/2010
	RAL	Major	Modernisation of Railway Section Curtici - km 614	01/12/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Buzau county	25/11/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Constanta county	24/11/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Satu Mare county.	17/11/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Mures county	17/11/2010
	RAL	Small	Modernisation of Railway Stations Rm Valcea, Slatina and Resita	05/11/2010
	SWE	Small	Integrated Waste Mgmt Botosani	29/10/2010
	RAL	Small	Waste collection system - depolluting vessels on Danube Sulina-Braila	21/10/2010
	ROD	Major	Construction of Orastie - Sibiu Motorway	21/10/2010
	ROD	Major	Construction of Nadlac Arad Motorway	21/10/2010
	SWE	Major	FGD system installing at unit 8 - Isalnita Power plant - Craiova -Power Complex	06/10/2010
	SWE	Horizontal	Update of Guidelines for filling in the Application Form for Solid Waste projects	19/08/2010
	SWE	Horizontal	Update of Guidelines for filling in the Application Form for District Heating projects	19/08/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Alba county	18/08/2010
	SWE	Major	FGD system installation for unit 7 of Isalnita Thermal Power plant	18/08/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Iasi county	23/07/2010
	SWE	Small	Integrated Waste Mgmt Harghita and Covasna	14/07/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Braila county	14/07/2010
	ROD	Major	Upgrading of Alexandria - Craiova TEN-T National Road	14/07/2010
	WAT	Major	Flood management - master plan Prut-Barlat	02/07/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Dambovita county	04/06/2010
	SWE	Major	Integrated Waste Management Neamt	20/04/2010
	WAT	Major	Extension/modernisation water supply/sewerage system in Arad county	31/03/2010
	SWE	Major	Resita District Heating Project	15/03/2010
	SWE	Horizontal	Rehabilitation of Historical Polluted Sites	12/03/2010
	SWE	Major	Integrated Waste Management Mures	26/02/2010
	SWE	Major	Integrated Waste Mgmt Salaj	22/01/2010
	SWE	Horizontal	Ad hoc support for Solid Waste and Energy sector	12/01/2010
MSE	Horizontal	Training for IB and MA regarding the environment impact assessment and environment agreement procedures	11/01/2010	
Slovakia	WAT	Major	Extension/modernisation water supply/sewerage system in Vrancea county	08/01/2010
	WAT	Major	Orava Water and Wastewater - Stage II	23/09/2010
	WAT	Major	Podunajsko Bratislava Wastewater	13/09/2010
	RAL	Major	Modernisation of rail track Trenčianska Tepla-Belusa	13/09/2010
	WAT	Major	WWTP Intensification, sewerage and drinking water supply in Trenčin region	18/08/2010
	WAT	Major	WWTP Intensification, sewerage and drinking water supply in Ilava region	14/06/2010
	WAT	Major	Ruzomberok, Liptovska Tepla, Liplovske Sliace Wastewater Collection and Treatment Project	22/04/2010
Slovenia	RAL	Major	Modernisation of railway line Nove Mesto - Zlatovce	26/02/2010
	ROD	Major	I/61Trenčin Bridge	08/01/2010
	SWE	Small	Regional waste management centre Pomurje - 2. phase	23/08/2010
ROD	Major	Motorway A2 Ponikve - Hrastje	01/07/2010	
Multi Country	MSE	Horizontal	Management of project cost increases in transport projects	21/12/2010

Country	Sector	Type	Title	Completion date
<b>2009</b>				
Bulgaria	SWE	Small	Regional Waste Management measure in Burgas region	18/12/2009
	WAT	Major	Screening and prioritisation of water transmission mains	17/12/2009
	RAL	Major	Electrification and Reconstruction of Svilengrad -Turkish border railway line (Bulgaria, Region Haskovo)	17/12/2009
	SWE	Major	Sofia Solid Waste Management	15/12/2009
	WAT	Horizontal	Assessment of the preparation process for environmental projects	01/12/2009
	WAT	Horizontal	Masterplan - Task B Consultant	29/10/2009
	SWE	Major	Waste Management Kocherinovo	25/06/2009
	SWE	Horizontal	Workshop on Jaspers activities in the Water and Solid Waste Sectors	25/06/2009
	WAT	Horizontal	Strengthening the capacity to perform Cost-Benefit Analysis	09/01/2009
	Cyprus	SWE	Small	Installation of Photovoltaic Panels in public buildings & Installation of Solar Cooling Systems
Czech Republic	MUN	Major	Prague Metro Line A - extension	18/12/2009
	RAL	Major	Electrification Znojmo - Satov (border AU)	11/12/2009
	WAT	Small	Pardubice wastewater	26/11/2009
	KE	Horizontal	Horizontal Action: Pre-screening and selection criteria for R&D Projects in Czech Republic	25/11/2009
	ROD	Major	Expressway R35 Haradec Kralove - Opatovice	04/08/2009
	ROD	Major	M-way D1 Kromeriz-Rikovice & E-way R55 Skalka-Hulin	04/08/2009
	ROD	Major	Expressway R6 Jenišov - Kamenný Dvůr	24/07/2009
	RAL	Major	Rail optimisation Stribro - Plana	24/07/2009
	WAT	Major	Cheb wastewater	17/07/2009
	SWE	Major	Power plant Opatovice - reduction of NOx emissions	16/07/2009
	SWE	Major	Clean-up and recultivation of Diamo site, Midlovary	09/07/2009
	RAL	Major	Rail optimisation Plana - Cheb	25/06/2009
	RAL	Major	Modernisation of Rail Corridor III Plzen - Cheb	02/06/2009
	WAT	Major	Water quality improvement in Jihlava and Svatka Rivers above New Mills reservoir	27/05/2009
	Estonia	WAT	Major	Water Protection of the Dyje river Basin - Stage II
ROD		Major	Motorway D8 section Lovosice - Rehlovice	05/02/2009
RAL		Major	Navigation improvements on Elbe	27/01/2009
RAL		Small	Tallinn-Tartu Railway line (Rail Baltica)	17/11/2009
ROD		Small	Jõhvi Junction Project	16/09/2009
MUN		Major	Tallinn Ulemiste Road Junction	02/09/2009
WAT		Major	North Estonia Regional Hospital Tallinn	02/09/2009
ROD		Major	Pärnu bypass	04/06/2009
Hungary	ROD	Major	E-20 Váo-Mardu section	04/06/2009
	WAT	Major	Szamos-Kraszna	22/10/2009
	RAL	Major	GSM-R	10/07/2009
	WAT	Major	Erd	07/07/2009
	MUN	Major	Interconnected Tram Transport in Buda (Budai fonódó)	13/05/2009
	SWE	Major	Mecsek-Dráva Recultivation	16/04/2009
	ROD	Major	Motorway M0	03/04/2009
	ROD	Major	Motorway M43	25/03/2009
	WAT	Major	Nagykanizsa	05/03/2009
	RAL	Major	Sopron-Szent Gotthard	04/02/2009
Latvia	RAL	Major	Riga Railway	15/12/2009
Lithuania	MUN	Small	Liepaja roads	02/09/2009
	MUN	Major	Kaunas arena	18/12/2009
	KE	Horizontal	Rural Area Information Technology Broadband Network RAIN-2	15/12/2009
	SWE	Horizontal	State Aid implications of flue gas treatment of large combustion plants	22/09/2009
	SWE	Horizontal	State Aid implications of waste incineration projects	18/06/2009
Malta	SWE	Major	Vilnius wastewater sludge treatment	17/06/2009
	MSE	Horizontal	Worshop on CBA, financial analysis, risk analysis of transport projects	26/05/2009
	RAL	Major	Refurbishment and upgrading of breakwaters and other marine infrastructure	17/12/2009
	SWE	Major	Rehabilitation of landfills, phase 2	22/10/2009
	SWE	Major	Modifications to boilers at power stations	13/10/2009
	WAT	Horizontal	Assistance in CBA and FS	29/06/2009





Country	Sector	Type	Title	Completion date	
<b>2009 (continued)</b>					
Poland	MUN	Major	Wroclaw: Dolnoslaskie Centre for Materials and Biomaterials	18/12/2009	
	MUN	Small	Construction of a crossroad of the national road no. 2 and the Siekierkowska route	18/12/2009	
	RAL	Horizontal	Workshops for beneficiaries of airport projects	18/12/2009	
	MUN	Major	Warsaw: launching rail link for Fryderyk Chopin Airport (rolling stock)	17/12/2009	
	MUN	Major	Kraków agglomeration: Public transport - Stage 2	16/12/2009	
	WAT	Horizontal	Upstream review of flood management projects - stage II	16/12/2009	
	ROD	Major	A-4 Motorway, Krzyz-Rzeszów Wschód	04/12/2009	
	WAT	Small	Improvement of water and sewerage management in Strzelce Opolskie conurbation	03/12/2009	
	WAT	Major	Improvement of water and wastewater management in Sochaczew - Stage I	01/12/2009	
	SWE	Major	GAZ SYSTEM transmission Świnoujście-Szczecin	27/11/2009	
	ROD	Major	Motorway A4 Krakow-Tarnow	30/10/2009	
	SWE	Small	GAZ SYSTEM transmission Wloclawek-Gdynia	29/10/2009	
	WAT	Major	Water & Wastewater System in Warsaw Phase IV	27/10/2009	
	WAT	Small	Modernisation of Siedlce wastewater system	27/10/2009	
	WAT	Horizontal	Preparation of flood risk management projects for CF grant finance - Training workshop	27/10/2009	
	ROD	Major	Warsaw Expressway S8 Konotopa-Powazkowska	22/10/2009	
	ROD	Major	Motorway A-1 section Pyrzowice-Maciejow-Sosnica	22/10/2009	
	MUN	Major	Poznan: Centre for Advanced Technologies	09/10/2009	
	WAT	Major	Bielsko Biala water and wastewater	02/10/2009	
	KE	Major	Katowice/Zabrze: Research Centre for Clean Coal/Chemical Coal Processing	14/09/2009	
	MUN	Major	E-Health: Electronic Platform for Medical Events	02/09/2009	
	WAT	Major	The expansion and modernisation of the water supply and sewer systems in Bialystok and the borough of Wasilkow	19/08/2009	
	WAT	Major	Zory water and wastewater	12/08/2009	
	MUN	Small	Koszalin: Sports/Exhibition Hall	24/07/2009	
	MUN	Major	Bialystok: European Art Centre - Opera House and Concert Hall	22/07/2009	
	WAT	Major	Walcz water and wastewater	14/07/2009	
	SWE	Horizontal	Screening framework for Polish WtE projects	09/07/2009	
	MUN	Small	Warsaw University revitalisation	03/07/2009	
	MUN	Major	Warsaw: Centre for Preclinical and Technological Research	25/06/2009	
	SWE	Small	Power distribution from renewable sources	25/06/2009	
	MUN	Major	Polish ID Card	15/06/2009	
	MSE	Horizontal	State Aid in transport projects	08/06/2009	
	WAT	Horizontal	NFOS - Screening of flood prevention projects	27/05/2009	
	ROD	Major	Reconstruction of national road no 4 section Machowa - Lancut	08/05/2009	
	Romania	WAT	Horizontal	Ad hoc support for Water and Wastewater sector	31/12/2009
		MUN	Major	TIMISOARA District Heating Project	31/12/2009
		RAL	Major	RORIS II - Danube VTMIS - Canals	17/12/2009
		WAT	Major	Extension/modernisation water supply/sewerage system in Bistrita-Nasaud county	16/12/2009
		RAL	Small	RORIS II - Danube VTMIS - Danube	16/12/2009
		ROD	Major	Construction of Timisoara - Arad Motorway	16/12/2009
		ROD	Major	Upgrading of TEN-T National Roads N 24& N 24B	16/12/2009
		ROD	Major	Upgrading of Zalau - Alesd TEN-T National Road	16/12/2009
MUN		Horizontal	Ad hoc support for District Heating projects	15/12/2009	
KE		Horizontal	Supporting the strategy definition and infrastructure in the Broadband sector	11/12/2009	
SWE		Major	Integrated Waste Mgmt Bistrita-Nasaud	09/12/2009	
WAT		Major	Brasov County Water ISPA	07/12/2009	
SWE		Major	Integrated Waste Management Arad	27/11/2009	
WAT		Horizontal	Strengthening the capacity to perform CBA	24/11/2009	
MUN		Major	BACAU District Heating Project	20/11/2009	
MUN		Major	IASI District Heating Project	17/11/2009	
WAT		Horizontal	Guideline for the Application Form for Major Projects in the Water Sector	06/10/2009	
ROD		Major	Construction of Constanta bypass	17/09/2009	
ROD		Major	Construction of Cernavoda - Constanta Motorway	17/09/2009	
RAL		Major	Implementation of ECTS / ERTMS level II on Chitila-Crivina section	14/09/2009	
SWE		Major	Integrated Waste Mgmt Giurgiu	07/08/2009	
MUN		Horizontal	Guidelines for filling in the Application Form for District Heating projects	30/06/2009	

Country	Sector	Type	Title	Completion date
<b>2009 (continued)</b>				
Slovakia	MUN	Horizontal	Project pipeline preparation in district heating field - Second wave of projects	30/06/2009
	SWE	Horizontal	Guidelines for filling in the Application Form for Solid Waste projects	29/06/2009
	SWE	Major	Integrated Waste Mgmt Vrancea	09/06/2009
	WAT	Major	Olt County Water ISPA	27/05/2009
	WAT	Horizontal	Environment Database with unit costs for water and sanitation sector	10/03/2009
	WAT	Small	Bardejov-Horna Topla microregion Water supply and sewerage	09/11/2009
	WAT	Small	Liptovsky Mikulas Wastewater	09/11/2009
	RAL	Small	Zilina Intermodal Terminal	30/10/2009
	RAL	Major	Kosice Intermodal Terminal	30/10/2009
	ROD	Major	D3 Mway (Hricovske Podhradie- Zilina Strazov).	09/10/2009
Slovenia	RAL	Major	Zilina Teplicka technical station - Phase 1	08/06/2009
	RAL	Major	Procurement of Rolling stock	12/05/2009
	ROD	Major	Expressway R1 (Zarnovica - Sasovske Pohradie)	09/01/2009
	WAT	Small	Collection and treatment of wastewater in the basin of Šaleška valley	18/12/2009
	ROD	Major	Motorway A2 Pluska - Ponikve	09/09/2009
	RAL	Major	Modernisation railway line Divacka-Koper	10/08/2009
	WAT	Small	Integrated Integrated Protection and Regulation of Supplying Šaleška with Drinking Water	26/06/2009
	ROD	Small	Construction of non-level crossing Murska Sobota (R2-441)	13/05/2009
	RAL	Small	Modernisation of Maribor airport infrastructure	16/04/2009
	RAL	Major	Modernisation of system for air traffic control.	30/03/2009
Multi Country	ROD	Small	Bypass Skofija Loka	05/02/2009
	WAT	Small	Flood protection Mura river	09/01/2009
	RAL	Horizontal	Preparation of TORs for the Feasibility Study of a new Standard Gauge Railway line in Lithuania, Latvia, Estonia	25/03/2009
<b>2008</b>				
Bulgaria	RAL	Major	Electrification and reconstruction of railway line Svilengrad - Turkish border	19/12/2008
	WAT	Major	Integrated water project - Vratza	16/12/2008
	WAT	Major	Integrated water project - Grabrovo	16/12/2008
	SWE	Small	Closure and Rehabilitation Ruse Landfill	08/08/2008
	WAT	Small	Integrated water project - Sliven	28/04/2008
Cyprus	MUN	Major	Sofia Metro Extension - Phase I	30/01/2008
	SWE	Small	Closure of Landfills	30/06/2008
Czech Republic	WAT	Horizontal	TA for preparartion of CBA and Financial Analysis for Environmental projects	16/12/2008
	WAT	Major	Cista Berounka water	16/12/2008
	RAL	Major	Regional rolling stock replacement	22/09/2008
	RAL	Major	Modernisation of Rail Corridor IV	25/06/2008
Estonia	RAL	Major	Rail optimisation Benesov-Strancice	24/04/2008
	WAT	Horizontal	Technical Assistance for CBA and Financial Analysis of Environment Investment Projects	18/11/2008
	ROD	Horizontal	Technical assistance for CBA and Financial Analysis of road projects	22/09/2008
Hungary	WAT	Horizontal	Programme of up to five water and wastewater management projects	07/02/2008
	WAT	Major	Székesfehérvár	17/12/2008
	RAL	Major	Budapest - Szekesfehervar	03/12/2008
	SWE	Major	Győr Solid Waste	24/10/2008
	MUN	Major	Szeged city railway system	14/10/2008
	SWE	Major	Mecsek-Dráva Solid Waste	13/10/2008
	WAT	Major	Nyireghaza	10/10/2008
	MUN	Major	Debrecen Municipal Transport	09/10/2008
	WAT	Major	Hanyi-Tiszasüly	08/10/2008
	WAT	Major	Nagykunság	08/10/2008
	MUN	Major	Budapest: METRO Line 4	08/10/2008
	WAT	Major	Mako	02/10/2008
SWE	Major	Mid-Danube Recultivation	22/09/2008	
WAT	Major	Bekescsaba	03/09/2008	



Country	Sector	Type	Title	Completion date
<b>2008 (continued)</b>				
	ROD	Major	Motorway M7	13/08/2008
	MUN	Major	Miskolc Municipal Transport	11/08/2008
	WAT	Major	South Buda	28/04/2008
Latvia	ROD	Major	E22 Road section Ludza - Terehova	14/10/2008
	ROD	Major	E22 Road section Riga (Tinuzi) - Koknese	14/10/2008
	RAL	Major	Construction of second Track Skiveri - Krustpils (Riga - Krustpils section)	06/08/2008
Lithuania	RAL	Major	Rail Baltica	03/12/2008
	SWE	Horizontal	Prepare standard terms of reference for preparation of feasibility study for construction of mechanical-biological treatment plant	13/06/2008
Malta	ROD	Major	Upgrade TEN-T road network	17/12/2008
	WAT	Major	Storm Water Management	26/09/2008
	SWE	Small	Extension of waste separation activities	05/09/2008
	SWE	Major	Rehabilitation of landfills	04/02/2008
Poland	RAL	Horizontal	Guidelines for Revenue Generation (Railway)	19/12/2008
	MSE	Horizontal	Guidelines for Transport Projects	19/12/2008
	SWE	Horizontal	Waste flow control study	16/12/2008
	SWE	Horizontal	State aid in environmental projects	16/12/2008
	SWE	Major	Recultivation of sulphur Mining Areas	01/12/2008
	WAT	Major	Wloclawek dam Vistula river	21/11/2008
	SWE	Horizontal	Gas Market Study	29/09/2008
	MUN	Horizontal	Energy efficiency - model approach	13/06/2008
	SWE	Major	LNG Terminal and Underground storage	17/03/2008
Romania	SWE	Major	FGD system installing at: Craiova 1 and 2 Power Plants	16/12/2008
	SWE	Major	FGD system installing at RAAN ROMAG TERMO Power Plant	15/12/2008
	RAL	Major	Modernisation and development of Constanta Port Infrastructure	08/12/2008
	RAL	Major	Bank protection works on Sulina Channel	08/12/2008
	WAT	Horizontal	Environmental planning parameters for water and sanitation projects.	25/11/2008
	SWE	Horizontal	Preparing call for proposals (for energy efficiency, renewables, FGDs)	08/10/2008
	WAT	Major	Gorj County Water ISPA	30/09/2008
	WAT	Major	Teleorman County Water ISPA	26/09/2008
	WAT	Major	Craiova-Promoting PPP in water, wastewater and waste management sectors.	26/09/2008
	SWE	Horizontal	Romania - Energy Sector State Aid Analysis	23/09/2008
	MUN	Horizontal	Review the design codes/standards for district heating design in Romania	19/09/2008
	SWE	Horizontal	Database with unit costs for renewables Energy and Energy E projects and industrial end-users	08/07/2008
	MUN	Horizontal	Project pipeline identification in the energy sector	30/06/2008
	SWE	Horizontal	Environment-Model of Financial analysis	26/06/2008
	WAT	Major	Tulcea County Water ISPA	13/06/2008
	WAT	Major	Sibiu County Water ISPA	13/06/2008
	MUN	Horizontal	Project pipeline preparation in district heating field	13/06/2008
	WAT	Major	Cluj County Water ISPA	03/06/2008
	WAT	Horizontal	Environment-DBO approach in water sector (possible BO approach for waste projects)	13/02/2008
	WAT	Major	Arad-Promoting PPP in water, wastewater and waste management sectors.	13/02/2008
	WAT	Major	Calarasi County Water ISPA	04/02/2008
Slovakia	RAL	Major	Modernisation of rail track ( Zilina - Krásno nad Kysucou)	06/08/2008
	ROD	Major	D1 Mway (Sverepec-Vrtizer)	26/06/2008
	WAT	Horizontal	Slovakia-CBA issues of environmental investment projects.	21/02/2008
Slovenia	WAT	Major	Integrated measuring and information system for water	19/12/2008
	MSE	Horizontal	Workshop preparation of project application - multisectoral	16/12/2008
	MSE	Horizontal	Slovenia-Follow-up on Transport CBA workshop	01/12/2008
	WAT	Small	Flood protection Ljubjanica river.	21/11/2008
	WAT	Small	Integrated Protection and Regulation of Supplying Bela Krajina with Drinking Water	06/08/2008
	SWE	Major	Regional Waste Management Center Ljubljana	31/07/2008
	WAT	Small	Collection and Treatment of Wastewater in the Basin of Savinja	13/06/2008
	WAT	Small	Protection of the Water Source Mrzlek	13/06/2008
	ROD	Major	Motorway Beltinci-Lendava	16/02/2008

Country	Sector	Type	Title	Completion date
<b>2007</b>				
Czech Republic	SWE	Major	Blata Region Decontamination	30/04/2007
Estonia	WAT	Major	East Viru Water	06/08/2007
	RAL	Major	Koidula Rail Station	09/03/2007
Hungary	MUN	Horizontal	Energy efficiency and RES Market Study for SEFF Facility	14/12/2007
	WAT	Major	Homokhatsag water management	01/04/2007
Latvia	SWE	Major	Liepaja Karosta Canal Decontamination	24/09/2007
	SWE	Major	Incukalna and Olaine Decontamination	24/09/2007
	MSE	Horizontal	Management of project cost increases in long-term projects	12/06/2007
Malta	SWE	Small	Restoration of Fortifications	01/07/2007
Poland	SWE	Major	GAS SYSTEMS transmission	12/06/2007
	MIS	Major	Broadband in East Poland-initial scoping	12/04/2007
	SWE	Horizontal	State Aid in energy	18/01/2007
Romania	WAT	Major	Giurgiu County Water ISPA	19/12/2007
	WAT	Major	Cluj and Salaj Counties Water ISPA	19/12/2007
	SWE	Horizontal	Environment-Model of economic analysis	17/12/2007
	SWE	Horizontal	Model of economic analysis for energy projects	12/12/2007
	RAL	Major	Strategy for the development of Regional Airport.	05/09/2007
	RAL	Major	State aid for multi-modal terminals	13/07/2007
	WAT	Major	Feasibility study of coastal protection and rehabilitation project at Mamaia Sud and Eforie Nord (Black Sea) - Romania	06/07/2007
	SWE	Horizontal	CBA Energy Training for MA and IB programming units	01/06/2007
Multi Country	WAT	Horizontal	CBA analysis for applications	05/12/2007
	WAT	Horizontal	Revenue generating projects - cofinancing rate calculations	01/09/2007
<b>2006</b>				
Poland	SWE	Major	Energy distribution networks Lubelskie region	01/12/2006
	MUN	Major	Energy distribution networks north region	01/12/2006
	WAT	Major	Puszcza Zielonka Sanitation	01/12/2006



## Annex 7 - Summary Financial Statement 2010

	Actual amounts 31/12/2010 EUR	Accruals 31/12/2010 EUR	Total 31/12/2010 EUR
<b>REVENUES</b>			
<i>1. Cash revenues and contributions in kind</i>			
Contribution from European Commission	23 400 000.00	0.00	23 400 000.00
Remuneration from JASPERS account	1 402.66	0.00	1 402.66
Contributions in kind (EIB, EBRD, KfW)	7 631 253.00	0.00	7 631 253.00
<b>TOTAL REVENUES</b>	<b>31 032 655.66</b>	<b>0.00</b>	<b>31 032 655.66</b>
<b>EXPENDITURES</b>			
<i>1. Expenditures from JASPERS account</i>			
Professional and support staff - Commission contribution	(16 765 079.76)	0.00	(16 765 079.76)
External consultancy fees	(3 093 365.97)	(1 783 041.58)	(4 876 407.55)
Missions - travel & subsistence expenses	(877 814.83)	(19 301.13)	(897 115.96)
Other	(32 615.04)	(33 532.08)	(66 147.12)
Contribution in kind expenditures	(7 631 253.00)	0.00	(7 631 253.00)
<b>TOTAL EXPENDITURES</b>	<b>(28 400 128.60)</b>	<b>(1 835 874.79)</b>	<b>(30 236 003.39)</b>
<b>BALANCE OF JASPERS ACCOUNT AS AT 31 DECEMBER 2010</b>	<b>2 632 527.06</b>	<b>(1 835 874.79)</b>	<b>796 652.27</b>

---

**JASPERS contact persons in the beneficiary states:**
**Bulgaria**

Ms Dobrinka Krasteva  
 Director of Central Coordination Unit  
 Council of Ministers  
 Programming of EU Funds Directorate  
 1, Dondukov Blvd.  
 BG-1000, Sofia  
 ☎ (+359) 2 940 24 24  
 📠 (+359) 2 940 25 26  
 ✉ [d.krasteva@government.bg](mailto:d.krasteva@government.bg)

**Hungary**

Ms Zsuzsanna Kondor  
 Director General  
 Coordination Managing Authority  
 National Development Agency  
 Kéthly Anna tér 1  
 H-1077 Budapest  
 ☎ (+36) 1 474 9413  
 📠 (+36) 1 474 9411  
 ✉ [zsuzsanna.kondor@nfu.gov.hu](mailto:zsuzsanna.kondor@nfu.gov.hu)

**Cyprus**

Mr George Georghiou  
 Directorate for Structural Funds and  
 Cohesion Fund  
 29, Vryonos Avenue  
 CY-1409 Nicosia  
 ☎ (+357) 22602900  
 📠 (+357) 22666810  
 ✉ [contactus@planning.gov.cy](mailto:contactus@planning.gov.cy)

**Latvia**

Ms Diāna Rancāne  
 Director of Project Appraisal Department  
 Cohesion Fund Managing Authority  
 Ministry of Finance  
 Smilšu iela 1  
 LV -1919 Riga  
 ☎ (+371) 7095485  
 📠 (+371) 7095540  
 ✉ [diana.rancane@fm.gov.lv](mailto:diana.rancane@fm.gov.lv)

**Czech Republic**

Ms Olga Letáčková  
 Director General  
 Ministry for Regional Development  
 Staroměstské náměstí 6  
 CZ-110 15 Praha 1  
 ☎ (+420) 224 861 123  
 📠 (+420) 224 861 522  
 ✉ [olga.letackova@mnr.cz](mailto:olga.letackova@mnr.cz)

**Lithuania**

Ms Raimonda Eidžiūnė  
 Head of Division of Managing  
 Operational Programme for  
 Cohesion Promotion  
 Lukiškių 2  
 LT-01512 Vilnius, Lithuania  
 ☎ (+370) 5 239 01 37  
 ✉ [r.eidziune@finmin.lt](mailto:r.eidziune@finmin.lt)

**Estonia**

Ms Karen Veidik  
 Project Specialist  
 Foreign Financing Department  
 Ministry of Finance  
 Suur-Ameerika 1, 15006 Tallinn  
 ☎ (+372) 611 3556  
 📠 (+372) 696 6810  
 ✉ [karen.veidik@fin.ee](mailto:karen.veidik@fin.ee)



### Malta

Mr Jonathan Vassallo  
 Director General  
 Planning and Priorities Co-ordination  
 Office of the Prime Minister  
 12/13, St Paul Street  
 MT-VLT 1210 Valletta  
 ☎ (+356) 2200 1140  
 📠 (+356) 2200 1141  
 ✉ [jonathan.vassallo@gov.mt](mailto:jonathan.vassallo@gov.mt)

### Poland

Mr Adam Ździebło  
 Secretary of State  
 Ministry of Regional Development  
 ul. Wspólna 2/4  
 00-926 Warsaw  
 ☎ (+48) 22 4613902  
 ✉ [adam.zdzieblo@mrr.gov.pl](mailto:adam.zdzieblo@mrr.gov.pl)

### Romania

Mr Stefan Ciobanu  
 Director General  
 Authority for Coordination  
 of Structural Instruments  
 Romanian Government  
 44, Mircea Voda Blv, bl. M17 Sector 3,  
 030664 Bucharest  
 ☎ +40 21 302 52 00  
 📠 +40 21 302 52 64  
 ✉ [stefan.ciobanu@mfinante.ro](mailto:stefan.ciobanu@mfinante.ro)

### Slovakia (for transport projects)

Ms Eva Dulebová  
 General Director  
 Project Management Section  
 Ministry of Transport, Construction and  
 Regional Development  
 Namestie Slobody 6  
 810 05 Bratislava  
 Slovak Republic  
 ☎ (+421-2) 5949 4645  
 📠 (+421-2) 5273 1451  
 ✉ [eva.dulebova@mindop.sk](mailto:eva.dulebova@mindop.sk)

### Slovakia (for environmental projects)

Mr Vladimír Kováčik  
 Director General  
 Division of Environmental Programmes and Projects  
 Ministry of Agriculture, Environment and  
 Regional Development  
 Námestie Ľ. Stúra 1  
 812 35 Bratislava  
 ☎ (+421-2) 5956 2030  
 📠 (+421-2) 5956 2351  
 ✉ [vladimir.kovacik@enviro.gov.sk](mailto:vladimir.kovacik@enviro.gov.sk)

### Slovenia

Ms Irena Brcko-Kogoj  
 Dunajska Cesta 58  
 SI-1000, Ljubljana  
 ☎ (+386) 1 320 15 33  
 📠 (+386) 1 320 15 14  
 ✉ [Irena.Brcko-Kogoj@gov.si](mailto:Irena.Brcko-Kogoj@gov.si)

**Contacts:**

**JASPERS Regional Offices**

**JASPERS Office for Bulgaria and Romania:**

Head of Office Ms Maria-Teresa Calvete  
 Vasile Lascar Street, 3  
 RO-020492 Bucharest,  
 ☎ (+ 40-21) 208 64 01  
 ✉ (+ 40-21) 316 90 60

**JASPERS Office for Poland and the Baltic States:**

Head of Office Mr Michael Majewski  
 Plac Piłsudskiego 1  
 PL-00-078 Warszawa, Poland  
 ☎ (+48 22) 310 05 10  
 ✉ (+48 22) 310 05 01

**JASPERS Office for the Czech Republic, Hungary, Slovakia and Slovenia:**

Head of Office Mr Axel Hörhager  
 Mattiellistrasse 2-4  
 A-1040 Wien, Austria  
 ☎ (+43-1) 505 36 76  
 ✉ (+43-1) 505 36 82

**JASPERS Headquarters**

**JASPERS Team in Luxembourg**

Mr Agustín Auria  
 Head of JASPERS  
 European Investment Bank  
 98 -100, boulevard Konrad Adenauer  
 L-2950 Luxembourg  
 ☎ (+352) 43 79-1  
 ✉ [jaspers@eib.org](mailto:jaspers@eib.org)

JASPERS Headquarters in Luxembourg acts as JASPERS regional office for Cyprus and Malta

JASPERS 2010 Annual Report is also available on JASPERS website: [www.jaspers-europa-info.org](http://www.jaspers-europa-info.org)

*The EIB wishes to thank the following promoters and suppliers for the photographs illustrating this report: Photographs and illustrations were supplied by the EIB GraphicTeam.*

*Printed in Mayenne by Jouve on MagnoSatin paper using vegetable oil-based inks. Certified in accordance with Forest Stewardship Council (FSC) rules, the paper consists of 100% virgin fibre (of which at least 50% from well-managed forests).*



**Mixed Sources**  
 Product group from well-managed forests, controlled sources and recycled wood or fibre  
 Cert no. BV-COC-856319  
 www.fsc.org  
 © 1996 Forest Stewardship Council