



РЕПУБЛИКА СРБИЈА
МИНИСТАРСТВО ЖИВОТНЕ СРЕДИНЕ,
РУДАРСТВА И ПРОСТОРНОГ ПЛАНИРАЊА

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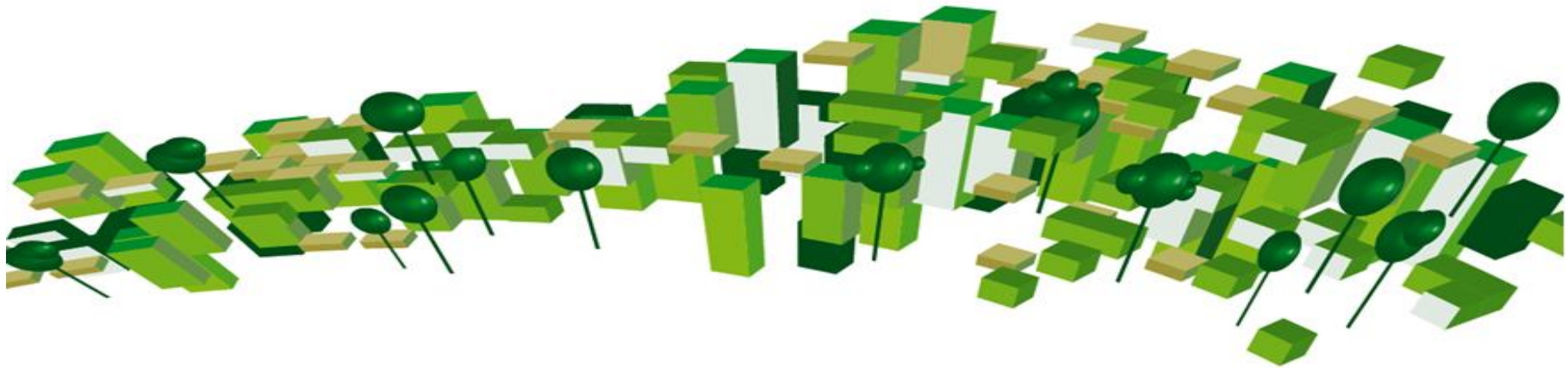


По мери природе

Environmental Project Pipeline

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Department For Project Management

Department for Project Management, within the MEMSP is responsible for:

- The **identification** and **development** of environmental infrastructure and TA projects
- Coordination** of the funding for these projects with donors, IFIs, local government administrations and national level financing
- Assistance in the **implementation** of projects

Need for projects

- To implement the EAS a pipeline of **mature** and high **quality** projects are required
- **More than a list**, a project pipeline is a continuous process of identifying potential projects, developing the proposals, assessment, prioritization and financing
- The municipalities remain responsible for final ownership and operation of infrastructure

Pipeline Design

- Top-down strategic leadership defining national priorities
- Bottom-up approach to filling pipeline – municipalities put forward the projects
- Ministry supports the development of proposals through allocating resources (e.g.: PPFs, donors assistance), expertise (e.g.: inter-municipal agreements) and financing
- Focus on infrastructure components of Regional Waste Management Centers and Waste Water projects at this time

Pipeline Operation

- Using the web-based SLAP system with an upgrade
- SLAP upgrade ongoing - the pipeline is only in the testing phase
- Evaluates quality of proposals by 5 criteria: Environmental Impact, Technical, Socio-Economic, Institutional and Financial
- Prioritisation criteria in line with EU acquis and national strategies
- Allows DPM to follow up bottom up approach and to catalyze development of priority projects

Pipeline Data

- At the moment there are **10 projects in waste management:**

- 1 is in construction phase

- 4 are at the level of feasibility study

- 2 at the level of general design and pre-feasibility study

- 3 at the level of concept paper

- Rest will be approached after final upgrade of SLAP

- At the moment there are **27 waste water treatment plant projects** and 81 waste water projects including parts of integrated solutions like sewage networks alone

- 10 are at the level of feasibility study

- 6 more at the level of general design and pre-feasibility study

- 11 waste water treatment projects are at the level of concept paper

- Rest will be approached after the final upgrade of SLAP and Directive specific implementation plan is developed (about 400 agglomerations)

Pipeline financing

- **National Funds** – EP Fund and Water Directorate will be a major source of national co-funding, local budgets will complement
- **Grants** – EU: in future, Serbia aims to make use of IPA 3 to the maximum extent possible. Looking for more information on future bi-lateral support
- **Credits** – loans are negotiated for specific projects at municipal level. In future, loan component expected to be addresses through the credit line for priority projects
- **Public Private Partnerships** – Solid Waste is one of the most advanced sectors for PPP, new law adopted is expected to manage new partnerships more effectively

IPA III component: Regional development

- Operational structures with trained staff, procedures, manuals and interinstitutional agreements for DIS accreditation is in place
- **Operational Programme Economic Development 2012-2013 is prepared**
- OP ED is multi-annual strategy for absorption of IPA III component
- **Priority axes Environment** – investment in infrastructure and technical documentation for the next period
- **Indicative list of Major projects** (over 10 m€) attached to OP

Financial allocation for OP ED

Allocation for 2012-2013	Total	EU IPA	National contribution	% IPA contribution
Priority axes: Environment	€63,177,611	€53,700,970	€9,476,642	85%
Development of Waste management Infrastructure	€32,713,367	€27,806,362	€4,907,005	85%
Development of water supply and wastewater treatment infrastructure	€17,961,395	€15,267,186	€2,694,209	85%
Improvement of air quality	€12,502,849	€10,627,422	€1,875,427	85%

List of major projects in OP ED

Measure	Projects	Indicative budget
Development of Waste management infrastructure (32,713,367 €)	<ul style="list-style-type: none"> Construction of the Kolubara District Regional Landfill – “Kalenić” Construction of the Subotica Regional Landfill 	€ 17.2 m IPA Grant € 11.78m € 21.8 m IPA Grant € 18.3m
Development of water supply and waste water treatment infrastructure	<ul style="list-style-type: none"> Construction of Wastewater Treatment Plant (WWTP) at Loznica 	€ 12,84 m € 10,8
Improvement of air quality	<ul style="list-style-type: none"> The reconstruction of the electrostatic precipitators at TPP Nikola Tesla A3 and TPP Morava 	€ 12,5 m 10,6
TOTAL		€ 64,3 m
TOTAL IPA		€ 51,5 m

List of major projects under preparation: Waste Management

Construction of the Timok District Regional Landfill “Halovo”, budget €16.6 million

- **Beneficiaries:** 7 municipalities (Zaječar, Negotin, Bor, Majdanpek, Knjaževac, Kladovo & Boljevac) with population of 280,000 people
- **Readiness:** Pre-FS and General project prepared, FS and Preliminary design with EIA finalized by PPF2 , *The location is the private property and the acquisition of the land yet to be done.*

Construction of the Hazardous Waste Treatment Facility, budget €11 million

- **Beneficiaries:** Serbia, MEMSP and municipality of Zitiste
- **Readiness:** Planning documents for Zitiste location in progress (Spatial plan, DRP), FS, PD, EIA and TD to be done by IPA 2009 technical assistance project, after planning documents are adopted, PR campaign – ongoing by IPA 2009 technical assistance project, *Planning documents will be done in 4 months*

List of major projects under preparation

Wastewater

1. **Construction of Wastewater Project for Kraljevo, €30 million**
2. **Construction of Wastewater Project for Brus&Blace municipalities €5 million (Brus), €6 million (Blace)**
3. **Construction of Wastewater Project for Prijepolje, €15 million**

- **Objective** : Improvement of wastewater collection and treatment system, in order to bring the treatment into compliance with the EU Urban Wastewater Directive.
- Initial Review and Gap Analysis prepared, budget to be determined after FS
- **Documents to be developed by PPF4:**
- Pre- FS, Feasibility Study with CBA, EIA and Preliminary Design for the collectors and WWTP to be prepared in the next 2 years

Improving information on projects

- DPM developing information on past environmental TA and investment projects
- Built up from ISDACon, Eco Fund, NIP, MISP and other sources
- Will be used for investment planning to avoid overlap, sharing the information with donors and IFIs for the same purpose
- Additional or improved information from donor community and IFIs on past projects would be welcome to improve coordination

Conclusions

- There is a high demand for a pipeline of projects
- Building a structured pipeline has started
- When the DSIPs are completed there will be a direct and clear strategic link from the EAS to the pipeline JG9
- Investment planning is very much driven by the EU funds implementation system, and provides institutional framework for project management
- Other funding sources (national, donors, IFIs) are equally important and should complement project financing
- Implementation of this complex system requires very close donor and IFI cooperation with relevant national institutions

Slide 14

JG9

A very rough estimate is: - RMWC: of 26 regions foreseen with an EAS estimate of €800m, 7 have been funded. This averages at €30m each meaning that €210m of €800 is complete. The major error in this estimate is that the major cities, particularly Belgrade, have not been fully evaluated yet.- WW: Almost impossible with the information we have so far. Out of 161 municipalities (taking Belgrade as 17 separate WWTPs), approximately 25 have a WWTP to some level, almost none to EU standard tertiary treatment.

John Glazebrook; 8.12.2011