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Europskom parlamentu
I v a n e M a l e t i ć

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Knowing the past. Living the present. Looking forward into the future.

INVESTMENT IN PUBLIC UTILITY INFRASTRUCTURE IN SOUTHEAST EUROPE COUNTRIES

Plans and goals for Croatia

Bruxelles, 21 / 01 / 2015

Operational Programme Competitiveness and Cohesion 2014 – 2020

Priority axes relating to communal economy:

1. Promoting Energy Efficiency and Renewable Energy Sources (Priority axis 4)

– total € 531.810.805

2. Environmental Protection and Sustainability of Resources (Priority axis 6)

– total € 1.987.360.608

3. Connectivity and Mobility (Priority axis 7)

– total € 1.310.205.755

PRIORITY AXIS	INVESTMENT PRIORITY	SPECIFIC OBJECTIVE	ELIGIBLE ACTIVITIES	ELIGIBLE BENEFICIARIES
PA 4 Promoting energy efficiency and renewable energy sources	IP 4.4c. Supporting energy efficiency, smart energy management and renewable energy use in public infrastructure, including in public buildings, and in the housing sector	SO 4.4c.1. Reduction of energy consumption of the public sector buildings (EUR 211.810.805)	Implementation of the energy renovation program for buildings (public and residential) by promoting deep renovation, including energy audits, energy certification, project documentation, promotion of energy performance contracting and physical measures such as replacing old windows with new ones (with U-values lower than prescribed), thermal insulation to a level that meets the minimum requirements, reconstruction/installation of the heating/cooling system, the roll out of the heat cost allocators, installation of thermostat vaults, installation of heat pumps etc. Installation of smart metering devices, provision of accurate feedback about end-use energy consumption, introduction of home energy management systems.	Public bodies (owner of public buildings). Priority to buildings constructed before 1987.
		SO 4.4c.3. Improvement of the efficiency of the district heating system (EUR 80.000.000)	Renovation and modernization of heating network. Renovation of boilers and investments in cleaner and more efficient technologies including possible switch from the current to the use of RES. Public awareness and information campaign. Investments will be directed at existing systems (in 18 towns, for large towns implementation through ITI).	Regional and local authorities (18), public service companies (now 13)
		SO 4.4c.4 Improvement of the efficiency of the public lighting system (EUR 20.000.000)	Measures to improve efficiency of the public lighting system i.e. replacement of the current lights with more efficient ones including wider introduction of the LED technology.	Regional and local authorities, public service companies.
	IP 4.4d Developing and implementing smart distribution systems that operate at low and medium voltage levels	SO 4.4d.1 Introducing smart grids in the pilot areas (EUR 20.000.000)	Promotion and introduction of smart grids technologies in the selected areas as well as other IT technology related energy management measures (such as automation and remote control management) which empower to match consumption with generation. Project preparation activities.	(Public) Companies in charge of distribution network (Distribution system operator), local authorities.

PA 6. Environmental protection and sustainability of resources

<p>IP 6i Investing in the waste sector to meet the requirements of the Union's environmental acquis and to address needs, identified by the Member States, for investment that goes beyond those Requirements</p>	<p>SO 6.6i.1. Decreased generation and increased recycling, reuse and recovery of waste (EUR 50.000.000)</p>	<p>Actions to introduce and improve separate collection, recovery, recycling and re-use of waste thus allowing for more efficient management of resources. Investments in recycling and recovery facilities. Extensive public awareness activities in order to reduce waste generation. Project preparation activities.</p>	<p>State bodies and organisations responsible for the waste management planning and monitoring; local authorities, municipal waste companies, enterprises, NGOs.</p>
	<p>SO 6.6i.2. Establishment of an integrated waste management system in order to decrease the amount of waste being landfilled and waste related risk (EUR 425.000.000)</p>	<p>Construction of new waste management infrastructure including waste management centres. Supply of special equipment. Remediation /closure/ rehabilitation of existing municipal waste landfills and “hot spots”. Project preparation activities.</p>	
<p>IP 6ii. Investing in the water sector to meet the requirements of the Union's environmental acquis and to address needs, identified by the Member States, for investment that goes beyond those requirements (EUR 1.049.340.216)</p>	<p>SO 6.6ii.1. Improvement of the public water supply system with the purpose of assuring quality and safety of water supply for drinking water</p>	<p>Measures to ensure provision of drinking water of good quality and to increase connection rate of population to the public drinking water supply by construction/reconstruction/upgrading of drinking water supply networks (including supply of metering and laboratory equipment for public water supply systems) and desalination plants. Increase efficiency of the public water supply system and reduction of water losses.</p>	<p>State bodies and organisations responsible for the water management, local authorities, public water service providers, Hrvatske vode</p>
	<p>SO 6.6ii.2. Development of sewerage system and collection of waste water treatment with the aim to contribute to improvement of water status</p>	<p>Construction, renewal and modernization of sewage systems, wastewater treatment facilities, small water treatment facilities, automatic stations for water quality and hydrologic data monitoring. Equipment and data analysis model tools. Project preparation.</p>	

PRIORITY AXIS	INVESTMENT PRIORITY	SPECIFIC OBJECTIVE	ELIGIBLE ACTIVITIES	ELIGIBLE BENEFICIARIES
PA 7 Connectivity and mobility	IP 7b. Enhancing regional mobility by connecting secondary and tertiary nodes to TEN-T infrastructure, including multimodal nodes	SO 7.7b.1. Enhanced regional mobility and connectivity through upgrading regional roads and elimination of major bottlenecks (EUR 330.000.000)	Improvements on road network (construction or modernization of existing ones). Construction of infrastructure which will reduce influence on environment. Preparation of project documentation	Croatian Roads, local authorities
		SO 7.7b.2. Development of road safety related infrastructure (EUR 70.000.000)	Physical improvements on selected sections of road network (incl. pedestrian and bicycle lanes/passes). Small scale and point reconstruction of roads (incl. pedestrian and bicycle lanes/passes). Improving signing, road markings and conspicuity. Preparation of project documentation	
	IP 7ii. Developing and Improving environmentally-friendly (including low-noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility	SO 7.7ii.2. Developing intelligent, sustainable and integrated low-carbon urban public transport (EUR 170.000.000)	Development of infrastructure for public transport companies which is dedicated to implementation of energy efficient solutions. Development of park&ride infrastructure and systems. Construction and modernization of public transport infrastructure. Purchase and modernization of passenger rolling stock (trams, eco-buses, light rail) with low CO2. Implementation of systems for monitoring and management of transport systems. Construction and improvement of bicycle paths. Pilot introduction of electric car filling stations. Preparation of projects documentation.	Local authorities and /or companies established by local authorities for management and organization of public transport. Projects will be selected through an open call or by

Value of programming period 2007–2013 projects

	EU CO-FINANCING (EUR)	NATIONAL CO-FINANCING (EUR)	TOTAL (EUR)
WATER MANAGEMENT	223.484.478	118.736.247	342.220.725
WASTE MANAGEMENT	73.940.000	22.334.000	85.963.000
TRANSPORT	236.983.305	41.820.585	278.803.890
UNCLASSIFIED ROADS	10.028.000	3.342.000	13.370.000
TOTAL (EUR)	544.435.783	186.232.832	720.357.615

Value of programming period 2014–2020 projects

SECTOR	EU FUNDS (EUR)
WATER MANAGEMENT Improvement of water supply systems Wastewater drainage and treatment	1.049.340.21
WASTE MANAGEMENT Separation, collection, recycling and reuse of waste Establishment of an integrated waste management system	50.000.000 425.000.000
TRANSPORT Short-range roads, pedestrian and bicycle paths Improvement of regional roads Public transport system with low CO2 emissions	70.000.000 330.000.000 170.000.000
ENERGY Improvement of public lighting systems District heating systems Smart networks (pilot) Reduction of energy consumption in public sector buildings	20.000.000 80.000.000 20.000.000 211.810.805

EXAMPLES OF WATER-SUPPLY LINES WITH WASTEWATER TREATMENT FACILITIES

Karlovac (ISPA)	Total value:	eur 35.192.102
Slavonski Brod	Total value:	eur 29.652.030
Knin	Total value:	eur 15.676.937
Drniš	Total value:	eur 6.450.000
Sisak	Total value:	eur 31.705.686
Poreč	Total value:	eur 67.187.400
Osijek	Total value:	eur 72.508.560
Vukovar	Total value:	eur 61.224.746
Čakovec	Total value:	eur 45.556.378
Županija	Total value:	eur 12.832.858



EXAMPLES OF WASTE SECTOR PROJECTS

Bikarac County Waste Management Centre (ISPA)	Total value: eur 8,04 mil
Kaštijun County Waste Management Centre	Total value: eur 35,07 mil
Marinščina County Waste Management Centre	Total value: eur 36,49 mil
Documentation preparation for rehabilitation of the highly polluted Sovjak black spot in Viškovo municipality	Total value: eur 538.000
Rehabilitation of Filipovica landfill in the town of Osijek	Total value: eur 1,25 mil
Rehabilitation of Stara ciglana landfill in Semeljci municipality	Total value: eur 383.000
Rehabilitation of Trebež landfill in the town of Samobor	Total value: eur 12,76 mil



WASTE MANAGEMENT

- ▶ With the Treaty on the Accession of the Republic of Croatia to the European Union, Croatia committed itself to gradually reducing the amount of biodegradable communal waste disposed at landfills according to the following timetable:
- ▶ By 31 December 2013 the share of biodegradable waste disposed at landfills is reduced to 75% of the total amount (in terms of weight) of biodegradable communal waste produced in 1997.
- ▶ By 31 December 2016 the share of biodegradable communal waste disposed at landfills is reduced to 50% of the total amount (in terms of weight) of biodegradable communal waste produced in 1997.
- ▶ By 31 December 2020 the share of biodegradable communal waste disposed at landfills is reduced to 35% of the total amount (in terms of weight) of biodegradable communal waste produced in 1997.

- ▶ All existing landfills in Croatia must meet the requirements of the Directive by 31 December 2018.
- ▶ Croatia ensures the gradual reduction of waste disposed at existing landfills not meeting the requirements of the Directive in accordance with the following maximum annual amounts:
 - ▶ By 31 December 2013: 1 710 000 tons
 - ▶ By 31 December 2014: 1 410 000 tons
 - ▶ By 31 December 2015: 1 210 000 tons
 - ▶ By 31 December 2016: 1 010 000 tons
 - ▶ By 31 December 2017: 800 000 tons.
- ▶ By 31 December each year, starting with the year of accession, Croatia delivers to the Commission a report on the gradual implementation of the Directive and fulfillment of transition objectives.

WATER MANAGEMENT

- ▶ By 31 December 2018, conformity with Council Directive 91 /271 /EEC of 21 May 1991 concerning wastewater treatment will be achieved in agglomerations with more than 15 000 equivalent residents, with the exception of the following coastal agglomerations: Bibinje – Sukošan, Biograd, Jelsa – Vrboska, Makarska, Mali Lošinj, Malinska – Njivice, Nin, Pirovac – Tisno – Jezera, Pula – sjever, Vela Luka, Vir
- ▶ By 31 December 2020, conformity with the Directive will be achieved in agglomerations with more than 10 000 equivalent residents whose wastewaters are disposed at sensitive areas, as well as regards wastewater treatment facilities located in corresponding Danube basin areas and other sensitive areas which contribute to the pollution of those areas, and in 11 coastal agglomerations mentioned in the preceding point.
- ▶ By 31 December 2023, conformity with the Directive will be achieved in agglomerations with more than 2 000 equivalent residents.