



**Examples of projects under implementation with financing provided from the budget of the Large Infrastructure Operational Program (LIOP) 2014-2020**

I.

**Beneficiary:** Regional Operator SC APA CTTA SA Alba - Alba Water Intercommunity Development Association

**Project title:** Rehabilitation and extension of water and wastewater systems in Alba County, 2014 -2020

**Financing agreement:** no. 116/31.08.2017

**Total budget:** 615,630,108.53 lei

**Eligible budget / EU contribution:** 464,117,393.29 lei / 394,499,784.04 lei (Cohesion Fund)

**POIM Priority Axis / Specific Objective:** PA 3. Environmental infrastructure development based on an efficient management of resources / SO 3.2 To increase the collection and treatment of urban wastewater, and to ensure the supply of drinking water to the population

**General description of the project**

The project proposes investments in the municipalities of Alba Iulia, Aiud and Blaj, in the towns of Abrud, Baia de Arieș, Câmpeni, Ocna Mureș, Teius and Zlatna and in the communes of Arieseni, Bistra, Bucurdea Grânoasă, José Crăciunelu, Galda de Jos, Ighiu, Lopadea Nouă, Lupsa, Mihalț, Mirăslău, Roșia Montană, Sâncel, Sântimbru, Sohodol and Unirea, from Alba County. The investments are based on the provisions of the Master Plan 2015 and are correlated with other water-wastewater investments to be made in the programming period 2014-2020 from other sources of financing.

The project aims to invest in four water supply systems:

- Alba water supply system
- Zlatna water supply system
- Apuseni water supply system
- Arieșeni water supply system

The Project proposes to continue the process of compliance with Directive 91/271/EEC by extension and rehabilitation of the waste water collection and treatment systems in seven agglomerations/ groups of agglomerations with a total future load of about 145,510 ie:

- Alba Iulia Agglomeration (69,950 l.e., extension to Pâclișa);
- Aiud-Lopadea Noua Group of agglomerations (23,956 l.e., expansions in Aiud agglomeration 21,306 l.e. and Aiud-Lopadea Noua agglomeration 2,650 l.e.);
- Blaj-Sâncel Group of agglomerations (23,450 l.e., expansions in the Blaj-Sâncel agglomeration 2,468 l.e.);



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- Abrud agglomeration (4,867 l.e., extension and rehabilitation of networks and new WWTP);
- Baia de Arieș agglomeration (2,488 l.e., extension and rehabilitation of networks and new WWTP);
- Ocna Mureș-Unirea Group of agglomerations (14,940 l.e., extension in Unirea-Războieni agglomeration 3,909 l.e.);
- Ighiu Agglomeration (5.859 l.e., extension in place of Celina).

The project consists of investments for extension and rehabilitation of the water and wastewater infrastructure, the main components of the project being:

- Drinking water - in the four drinking water supply systems (Alba, Zlatna, Apuseni, Arieseni) the works consist of:
    - extension of distribution networks;
    - new water source;
    - rehabilitation and extension of water supply;
    - rehabilitation of water treatment plants;
    - rehabilitation and construction of water houses;
    - rehabilitation of distribution networks;
    - construction of pumping stations / hydrophores;
  - Wastewater - in the above mentioned seven agglomerations/group of agglomerations, investments will consist of:
    - construction of the WWTP;
    - extension of wastewater networks;
    - rehabilitation of wastewater networks;
    - construction of wastewater pumping stations and discharge pipes;
  - Operating equipment: - implementation of SCADA centralized system and acquisition of operating equipment (16 operational vehicles);
- Operator support services:
- technical assistance for project management and advertising;
  - technical assistance for supervision of execution;
  - services for the annual audit of the project.



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II.

**Beneficiary:** Mehedinti County Council - Mehedinti Intercommunity Development Association for Sanitation

**Project title:** Phasing out the project Integrated Solid Waste Management System in Mehedinti County

**Financing agreement:** no. 72/06.07.2017

**Total budget:** 10,840,256.19 lei

**Eligible budget / EU contribution:** 8.621.659,51 lei/7.328.409,78 lei (Cohesion Fund)

**POIM Priority Axis/Specific Objective:** PA 3. Environmental infrastructure development based on an efficient management of resources / SO 3.2 To increase the collection and treatment of urban wastewater, and to ensure the supply of drinking water to the population

**General description of the project**

The project "Phasing out the project Integrated Solid Waste Management System in Mehedinti County", whose implementation started in the programming period 2007-2013, is developed at the level of Mehedinti County in five waste management areas and includes investments in Orșova, Baia de Aramă, Strehaia, Vinju Mare and Drobeta Turnu Severin. The Phase II of the project will be finalized through the Large Infrastructure Operational Program 2014-2020 and will ensure the fulfillment of Romania's commitments under the Accession Treaty, as well as those set out in the strategic documents: LIOP 2014-2020, the National Waste Management Strategy for 2014-2020 approved in 2013, the National Waste Management Plan, the Regional Waste Management Plan (Region 4 South-west) and is the result of the Local Waste Management Plan and of the Master Plan for Solid Waste Integrated Management in Mehedinti County.

According to the Phasing out Application, presented by the Applicant in the Annex to the Phase Project Notification, the indicators provided in the Phasing out Application were made according to the planning, the realization of the Phase I physical and technological steps allowing the continuation of the Phase II implementation.

In the Phase I of the Project "Integrated Solid Waste Management System in Mehedinti County" the following works were carried out:

➤ Selective waste collection system through the acquisition of collection equipment (CF1), waste transport and transfer (CF2). During the first phase of the project, in the two awarded supply contracts were purchased all the assigned waste collection, transport and transfer facilities foreseen by the project

➤ Construction of a sorting station with a capacity of 33,182 t/year and a mechanical-biological treatment plant with a capacity of 54,843 t/year in Malovăț (CL1) - during the first phase were partially carried out until 31.12 .2015, the following works:

- Landscaping - site preparation;
- Electrical connection;
- Building access road;



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- Construction of sorting station and mechano-biological treatment plant (design and engineering, internal power supply network, sorting hall, mechanical pretreatment hall and biofilter, biological treatment composting cells, leachate treatment installations, water house, platform roads deflection of the Pleșuva stream, protection against floods, mechanical works, interior installations, equipment assembly, facilities).

➤ Construction of four transfer stations in Orșova, with a capacity of 8,245 t/year, in Baia de Aramă with a capacity of 5,143 t/year, in Strehaia with a capacity of 11,517 t/year and in Vînju Mare with a capacity of 13,463 t/year (CL5-CL8). Work on all four transfer stations were completed in the Phase I of the project.

➤ Closure of non-compliant landfills in Baia de Arama, Strehaia and Vînju Mare (CL2-CL4). The works for the closure of the non-compliant landfill from Vînju Mare and Strehaia were carried out in the Phase I of the project, but for the closure of the non-compliant landfill in Baia de Arama in the Phase I of the project partial works were performed consisting of: design and engineering, levelling of the waste, laying drainage layer, geomembrane, geocomposite, achievement groundwater monitoring wells and biogas collection.

➤ Technical assistance for project management, publicity, work supervision and audit (CS1-CS4).

By phase-out, the funding applicant has proposed to finalize, in the Phase II of the project, the works partly carried out in the first phase. Also, the service component has been phased in to match the evolution of works contracts in Phase II of the project.

The main objective of the project is the closure and rehabilitation of non-compliant landfills and the opening/extension of new landfills, the implementation of selective waste collection systems, the construction of transfer and recovery/treatment facilities including composting platforms, individual composting units and mechano-biological treatment plant.

The specific objectives of the project were established on the basis of the objectives of the LIOP for 2014-2020 and of the 2020 Strategy (Thematic Objective 06 - preserving and protecting the environment and promoting resource efficiency), respectively:

- Reduction of the amount of landfilled waste.
- Promoting the use of waste for the production of alternative raw materials by increasing the amount of recycled/recovered waste.
- Creating decent living conditions by establishing efficient waste management structures and ensuring a clean living environment.
- Enhancement of environmental and living standards in Mehedinți County, aiming mainly compliance with the Community environmental acquis and commitments Romania has made under the Accession Treaty.
- Development of a sustainable waste management system in Mehedinți County by improving the manner of waste management and reducing the number of polluted areas in the county, in accordance with the practices and policies of the European Union.