Waste Processing Center

Expected project CAPEX: €1'680'000
Mandating Authority: Roman Municipality
Project Type: Construction Waste

Summary
The project involves the creation of a processing center for construction waste in Roman. Solar photovoltaic panels will produce the energy that feeds the new construction waste processing center. In addition, new housing will be built with construction materials produced from waste recycling.

Location and population
Roman City, Romania
71 000 inh

Social and environmental impact
Creation of jobs; urban development and raising the living standards; reduction in the quantity of waste which has to be deposited; reduction of pollution

Main stakeholders
Roman Municipality; local and regional NGOs; economic agents; the citizens of the city; local councilors; commercial societies.
Project maturity (IFC / World Bank Categories)

STAGE 1: Concept Development, Site identification

STAGE 2: Pre-Feasibility Studies

STAGE 3: Feasibility Studies

STAGE 4: Permitting / Financing / Contracts

STAGE 5: Engineering / Construction / Commercial Operation

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**STAGE 1: Concept Development, Site identification**

**Expected capacity (Input- Output)**

Input: waste; Output/year: bricks - 30000 pcs, pavements - 600000 pcs and kerbstones - 45000 pcs

Land identified

Yes

Site access:

☑ Adequate road

☐ Rail access

☐ Port facilities

Technology:

The Waste Processing Center will use renewable energy from the photovoltaic park; Paddocks; Concrete silo.

Waste stream data

There is a growth in the demand for houses, and construction for commerce and offices in the last few years.

**STAGE 2: Pre-Feasibility Studies**

Pre-feasibility study:

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**STAGE 3: Feasibility Studies**

Feasibility study: Yes

**STAGE 4: Permitting / Financing / Contracts**

Land concession signed

No

Building permits signed

No

Environmental impact study

No

Identified sources of fundings

No

**STAGE 5: Engineering / Construction / Commercial Operation**

Engineering, Procurement and Construction Contractor

No

Operation and Maintenance Contractor

No

Comments