

Sector: Waste

Name of the Pilot Location:

Slavonski Brod (Croatia)

Proposed Project Title:

Construction of a Waste Water Treatment Plant in Slavonski Brod, Croatia for 120000 p.e.

Needs for technical assistance and investment: Technical assistance for Project preparation. Investment for project.

Summary of existing Environmental Situation:

Slavonski Brod is a city in Croatia of around 60000 people. There is no waste water treatment plant. There are several industries in the city producing additional load of waste water (20% of total WW volumes). The burden of waste water is 120.000 population equivalents [p.e.] In this area about 75 % of the households are connected to the sewer system. 98 % of the people are connected to the drinking water supply system.

The discharge of untreated wastewater comes from the households and the industries. It has a negative influence on the quality of the Sava river. According to the available reports the parameters BOD5, COD, ammonium, total P, and detergents do not meet the requirements set in the Permit.

Strengths: There is a site identified with the clear ownership. There is an existing organisation responsible. There is a system of tariffs in place. There is a document called an action plan.

Weaknesses: It is not clear if the tariffs will provide a full cost recovery. It is not clear if the costs of operation and maintenance were calculated. Till now, an EIA has not been undertaken.

Opportunities: To solve an important environmental problem.

Threats: Industry not being a client of the plant in the future. Future plans of population growth. It is not clear if the project foresees the upgrade of the sewage system.

Summary of Directions for Future Work:

To meet the requirements of the EU-Directive concerning Urban Waste Water Treatment (1991L0271-20/11/2003) the following needs to be addressed: Gather all necessary technical information; Secure funds for project preparation; Preliminary design of the WWTP and connecting works; Preliminary design of investment schedule; Conduct feasibility study; Obtain all necessary permits; Secure investment funds; Final design of the WWTP and connection works; Selection of constructor of the plant.