Wastewater treatment facility in Novi Knezevac

Expected project CAPEX: 2'500'000 €
Mandating Authority: Autonomous Province of Vojvodina
Project Type:

Summary
This project aims to build a wastewater treatment facility as a finishing phase of connecting all households and industries to the city’s wastewater system.

Location and population
Novi Knezevac, Serbia
12'000 inh.

Social and environmental impact
Creation of a modern town with a proper wastewater disposal system; job creation; improved quality of drinking water; improved health; reduction of water pollution; protection of biodiversity and improved living conditions for fish and other aquatic species.

Main stakeholders
Autonomous Province of Vojvodina: key stakeholder;
The owner of the Project: Municipality of Novi Knezevac (administrative centre Novi Knezevac, and it’s settlements: Banatsko Arandjelovo, Djala, Filic, Majdan, Podlokanj, Rabe, Siget and Srpski Krstur);
JKP 7. Oktobar (Public utility enterprise) Novi Knezevac,
JKP Direkcija za izgradnju grada Novi Knezevac (Municipality Development Agency); Provincial Authorities (Provincial secretariat for urban planning and environmental protection); and citizens (all people that are living in municipality of Novi Knezevac and downstream of Tisa River)
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

STAGE 1: Concept Development, Site identification
Expected capacity
486’000 m³ per year

Land identified
Yes

Site access:
✓ Adequate road  ❌ Rail access  ❌ Port facilities

Technology:
Waste water stream data
Yes

STAGE 2: Pre-Feasibility Studies
Pre-feasibility study:  Yes

STAGE 3: Feasibility Studies
Feasibility study:  Yes

STAGE 4: Permitting / Financing / Contracts
Land concession signed
Tbd

Building permits signed
Tbd

Environmental impact study
Tbd

Identified sources of fundings
Tbd

STAGE 5: Engineering / Construction / Commercial Operation

Engineering, Procurement and Construction Contractor
Tbd

Operation and Maintenance Contractor
Tbd

Comments
When the wastewater treatment facility starts to operate, there will be the option to utilize collected mud. This mud treated with certain chemicals would be suitable to make compost.