



Skorana Dam and Water Treatment Plant Construction

about project

L56



Budget

EUR 91,989,120

PROJECT DESCRIPTION

This project aims to enhance the balance between water supply and demand for consumers living in Tirana. Interventions will focus in the construction of the Skorana dam, as well as the establishment of a water treatment plant by the Skorana artificial lake.

The Skorana dam will be constructed in the eastern part of the city, about 25 km from the center, with a capacity of 120 million m³ of water, 420 ml height above sea level, with an area of 4.6 km². The water treatment plant on the other hand, has a capacity of 1800 l / s. This will ensure a balance of water supply and demand for a mid-term period of 2016 - 2030.

The construction of the Skorana dam, related connected system, water treatment plant and a 25 km transmission line are part of the "Albanian Master Plan for Water Supply and Disposal of Wastewater" as of December 2015.

The estimated cost for the construction of the dam, and its connected system is 35,979,120 Euro. The cost related to the water treatment plant and transmission line amounts to 56,010,000 Euros. The total cost of the above mentioned interventions is 91,989,120 Euros.

OVERALL OBJECTIVE

The overall objective of this project is to ensure continuous water supply in accordance with the Albanian standards of STASH 3904: 1997, as well as WHO international standards for drinking water.

PRELIMINARY IMPACTS

The provision of continuous drinking water supply (24hrs) in accordance with the parameters set in 3904 STASH 1997 for "potable water", and WHO international standards.

Continuous drinking water supply is foreseen to be finalized by the end of 2017, according to the "National Strategy of Water Supply and Sewerage "approved by the Council of Ministers.

The Skorana artificial lake is expected to have a capacity of 120 million m³, providing 30 million m³ of water supply to be used for agricultural irrigation, contributing to the development of the eastern part of the city.



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