
PROJECT:

Extension of the hydro-power plant "5 de Noviembre"

LEAD INSTITUTION:

KfW

PARTNERS:

CABEI

EU-LAIF

TOTAL COST:

€ 132 600 000

LAIF CONTRIBUTION:

€ 6 200 000

TYPES OF SUPPORT:

Investment grants

DURATION PERIOD:

Sep 2011 – Jan 2019

CURRENT STATUS:

Completed

DESCRIPTION:

The objective of the project was to meet the growing demand for electricity among the population (estimated at approximately 5% per year) through increased generation of renewable energy. In particular, the project focused on the construction of a second powerhouse, installation of turbines using the existing dam and reservoir, a new access channel to the reservoir, a new water intake and two forced pipelines. The new installation made it possible to use the excess water that currently overflows from the spillway in the rainy months to generate energy.

ACHIEVED RESULTS:

The expansion resulted in an increase in the production capacity of the hydroelectric plant from 99.4 MW to 179.4 MW, thus generating an estimated additional potential of up to 130 GWh per year.