

CESI to perform the Environmental Impact Study of the Gibe III hydroelectric power plant in Ethiopia

After the successful Gilgel Gibe II project, for which CESI did the Environmental Impact Study, Salini Costruttori has commissioned CESI the Environmental Impact Study for the Gibe III hydroelectric power plant.



Both power plants are located on the Gibe-Omo river, in Ethiopia. The first one is downstream of the Gilgel Gibe I dam and uses the water by diverting it into an approximately 26 km long tunnel, with 420 MW installed power and 1,430 GWh yearly output capability. The new project is further downstream of the previous one and envisages a new basin with a more than 80 m high dam, 1,800 MW installed power and 6,300 GWh yearly output capability.

The Gibe-Omo river, which flows into the famous and huge Turkana lake, is inhabited by hippopotami, crocodiles and big cats, whose habitats will be partially disrupted by the project. The CESI study will be aimed at finding the best solutions to protect local flora and fauna, in agreement with Ethiopian designers and supervision authorities..