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Hydrological Analysis for Hydropower Project Prell, Albania

Checking the plausibility of available hydrological studies and general hydrological and geological assessment for the planned privately financed 10 MW hydropower system of Prell, Albania



Country:

Albania

Project Period:

June 2012

Services Provided:

[Assessment, Monitoring & Evaluation](#)

Name of Staff involved and functions performed:

Project Manager: [Dr. Hedi Feibel](#), detailed hydrological analysis and risk assessment

Name of Client:

Green for Growth Fund Southeast Europe

Name of Partner Organisation(s):

Hydroplan Green World AS

Description of the Project:

Services provided by Skat: in-depth hydrological analysis based on available hydrological data and studies, data evaluation, establishment of rating curves, duration curves and calculation of residual flow.

Objective: plausibility check of available studies and evaluation of available data and risk assessment as a basis for the planning and design of the 10 MW hydropower system Prell

Activities: overview on and assessment of the various available hydrological studies, assessment of reliability of data for 2 gauging stations, establishment of flow duration curves, risk assessment, calculation of residual flow

Results: reliable hydrological study with risk assessment and determination of residual flow as a sound basis for the planning and detailed design of the 10 MW hydropower system of Prell