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Plausibility check of hydrological studies for the hydropower projects Boshava and Vatashka, Macedonia

Studying and plausibility check of the hydrological studies and the related hydrological data.



Country:

Desk study (Macedonia, Boshava)

Project Period:

January 2013

Services Provided:

Assessment, Monitoring & Evaluation

- Analysis and assessment of available hydrological data and of the respective studies for 5 hydropower schemes in cascades

Name of Staff involved and functions performed:

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

Name of Client:

Turboinstitut d.d. Ljubljana, Dr. Vladimir Kerčan

Name of Partner Organisation(s):

Finance in Motion (as funds manager of Green for Growth Fund GGF)

MACS, Energy and Water

Description of the Project:

Services provided by Skat: analysis and assessment of the available hydrological study, including own data evaluation.

Objective: to check the plausibility of the hydrological study available for HPP1&2, HPP3&4 and HPP5 Boshava, Macedonia, in order to provide the required information for the due diligence check of the financiers.

Activities: analysis of the available hydrological data of 2 gauging stations, establishment of flow duration curves, trend analysis and significance test; analysis of the study submitted by the local hydrologist; summary of the results in a comprehensive report including risk assessment

Results: report on data evaluation and excel sheets with flow duration curves and statistical analysis as information base for the calculation of electricity production for the 5 hydropower systems of Boshava and Vatashka, Macedonia.