

**ROCK FALL PROTECTION OF SURGE TANK IN KOMAN HPP
KOMAN, SHKODER, ALBANIA**

Dynamic Barriers

Problem

Komani is the second and most powerful HPP of the Drin River Cascade. Work for its construction began in 1980. The plant was put into operation, at full capacity, in 1988. During all these years of operation a few interventions were done. The surge tank, located over the HPP, was always under the risk of rock falling.

Solution

Being in a difficult position to work on and the old road from the HPP to the surge tank was in bad condition, a new access road was constructed to reach the site. To protect the Surge Tank and the HPP from rock falls they used soil nailing on the upper hill and rock fall barriers. In total of 3240m² of Rockfall Barriers and 7450m² of DT NET were designed and installed.

Client: SMO VATAKSI

Designer / Consultant: SEED Consulting & ATELIER 4

Contractor: SMO VATAKSI

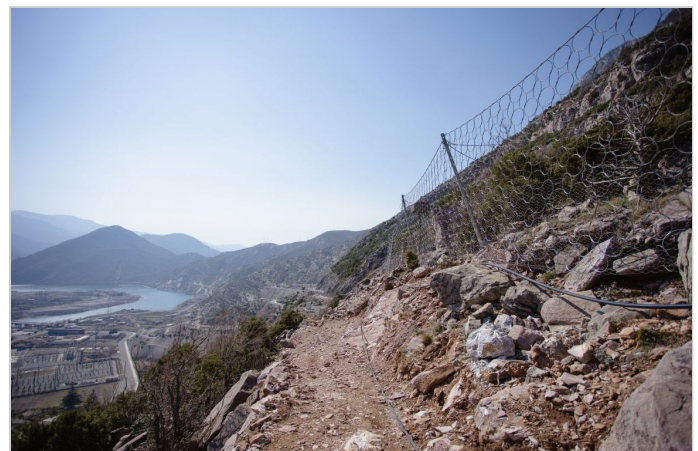
Products used (Qty.)

- Dynamic barrier RB 1000 H=4.0m 1960m²
- Dynamic Barrier RB 2000 H=4.0m 440m²
- Dynamic Barrier RB 3000 H=6.0m 840m²
- DT Mesh 7450m²

Date of construction: 11/2021 - 05/2022



during construction



Rockfall Barrier



during construction