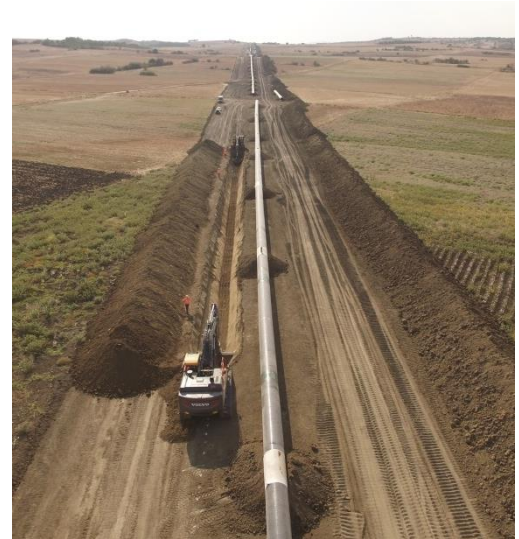


PÖYRY CASE SUMMARY

E.ON New Build & Technology / Uniper – Germany/Albania TAP - Trans Adriatic Pipeline Local Pipeline Engineering Consultant



By 2020, the Trans Adriatic Pipeline (TAP) will transport Caspian natural gas from the Turkish border through Greece, Albania and the Adriatic Sea into Southern Italy. Pöyry Austria was employed as Local Pipeline Engineering Consultant for the Albanian section with a total length of 215km.

Project Description:

TAP's route through Albania will be approximately 215 kilometres long, starting at the village of Tresenik in the Korça region at the Albanian border with Greece, and will arrive at the Adriatic coast 17km north-west of Fier. A compressor station will be built near Fier, and an additional compressor is planned near Bilisht, should the pipeline's capacity be expanded to 20 billion cubic metres (bcm/a). Eight block valve stations and one landfall valve station will be built along the route. To allow the safe passage of steel pipes through Albania, more than 178 km of access roads will be newly built or upgraded. Additionally, two new bridges have been built and 40 bridges refurbished.

By the end of 2016 the first phase of access roads and bridges was completed. An additional 120km of roads will be refurbished during a second phase of road upgrades which has already started.

Services rendered by Pöyry Austria:

- Evaluation of Route alternatives
- Geological and Hydrological Survey of the pipeline route
- Topographical Surveying
- Authority Engineering – creation of Permit Procedure Specifications
- Conceptual Designs and Typical for Pipeline Construction and Block Valve Stations

- Identification of Third Party Infrastructure
- Detailed Planning of Crossings with Infrastructure and Rivers
- Creation of Logistics Concept
- Evaluation and Planning of Access Roads
- Evaluation of bridges according to project requirements
- Rehabilitation and reconstruction of bridges
- Geological Site Supervision for Access Road Construction

Service period:

2011 – 2016