



# Technical Cooperation for Development of Kikuletwa Power Station as a Hydropower Training Centre and for Electricity Generation



Norwegian  
Water Resources and  
Energy Directorate

## Background:

The Norwegian Ministry of Foreign Affairs has entered into an Agreement concerning technical cooperation with Arusha Technical College for development of Kikuletwa Power Station as a training centre (phase A) as well as for power production (Phase B, which depends on the outcome of Phase A). The Kikuletwa Power Station, built back in 1938, ceased operation in 1989, and has since been deteriorating. In 2012 ATC took over the responsibility for rehabilitation and operation of the Kikuletwa Power Station, with the main aim to undertake training on hydro-electric power plant operation. Parallel to tailored courses the Kikuletwa Centre will be used as a test centre for the micro hydropower turbines produced by ATC. In early 2017 an investor has agreed to rehabilitate the power station for power production and will be entering into an agreement with ATC as a partner. In the long run 2-3 more power stations as a cascade downstream in the Kikuletwa River may be developed.



## Activities:

An overview of main programme activities is given below, theme by theme.

### Phase A – Planning and Preparation

- ATC Hydropower Training Centre at Kikuletwa
- Feasibility Studies and Business Plan
- Cooperation Partner Administration and Backstopping

### Phase B – Implementation

- Kikuletwa I Reconstruction
- Cooperation Partner Administration and Backstopping
- Kikuletwa Cascade Implementation (only study included)

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*Intake reservoir, small spillway in the intake canal and turbine hall at the old powerstation from the late 1930s*

## Overall Project Data

Partner: Arusha Technical College (ATC)

NVE Mandate: In cooperation with ATC facilitate and coordinate activities in order to establish ATC as an internationally renowned Hydropower Training Centre, and to assist in developing a reliable, economically accessible and appropriately priced energy supply to facilitate the development of other activities in the economy while ensuring environmental sustainability.

Contract Value/ Duration: Phase A: MNOK 19/2014-2016  
Phase B: MNOK 10/2016-2019