

Project News

Inauguration of Tarbela 4 HPP in Pakistan

On March 10, the first unit of Tarbela 4 was officially inaugurated by Pakistani Prime Minister Shahid Khaqan Abbas. The plant has three generating units of 470 MW each, representing an important charge to Pakistan's national grid. The butterfly valves of the units are the largest in the world and the valves segment of the bottom drains among the largest. Since 2009, Tractebel accompanied all project phases from feasibility studies, through the preparation of tender documents, the award of contracts, the supervision of the works and the commissioning.

Contact: [Marc Dayraut & Dan Feraru](#)

World's largest water reservoirs in Qatar

In partnership with Energoprojekt-Entel, GKW Consult / Tractebel supports the Client Kahramaa in the function of Project Management Consultant (PMC) for this iconic water project, which is designed to extend the strategic water stock in Qatar's water network from 2 to 7 days and will increase the capacity of water storage by 10 times. At five different sites around greater Doha area, new mega reservoirs are being built along with integrated pumping stations including more than 650 km of interconnecting water pipelines. The reservoirs and pipeline network, with associated pumping stations, will provide up to 17 million cubic meters of strategic potable water storage.

Contact: [Christian Klein](#)

Site inspections to Uch Kurgan HPP in Kyrgyzstan

Tractebel initiated the services for the modernization of the Uch Kurgan HPP in Kyrgyzstan and deployed a team for the site inspections. The team is composed of hydro-electromechanical, civil, environmental and hydrology specialists.

Contact: [Thierry Verhulst](#)

Efficiency tests at Unit 1 of Soubré HPP in Ivory Coast

The efficiency test at generating unit 1 of the Soubré HPP was realised on 08 March 2018 by experts of Tractebel, the Client CI-Energies, and the Contractor. The purpose of the test is to verify the conformity of the performance curve with the manufacturing criteria and contractual requirements. The test was executed without any incident. Results analyses are in progress and will be available in April. The test of the efficiency for the alternator will be executed by end of March after the dismantling of the installations used for the turbine test.

Contact: [Brice Tchuinkam'su](#)

Energy Market Advisory Services for China International Water & Electric Corporation (CWE)

The infrastructure Economics, Finance and PPPs department of Tractebel in France (EcoFi team) in collaboration with Lahmeyer in Germany were contracted by China International Water & Electric Corporation (CWE) to carry out energy market analysis for six African countries: Angola, Ethiopia, Morocco, South Africa, Uganda and Zambia. Tractebel teams from France and Germany cooperated very closely to deliver high quality services to a major hydropower player. The aim of the analysis was to support CWE in early stage investment decisions in providing a high-level understanding of the electricity market of these countries, investment potential and associated risk in terms of demand, projected supply and regulatory framework.

Contact: [Flora Dordé](#)



Contract Awards

Update of the Feasibility Study for Nua HPP in Indonesia

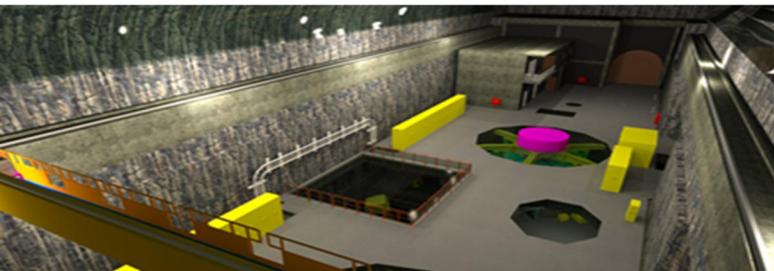
Lahmeyer Hydroprojekt / Tractebel has been awarded the contract for the update of the Feasibility Study of the Nua HPP. Nua is a 10 MW run-of-river plant, which shall amplify and strengthen the power supply on the island of Seram, Moluccas. The team has already prepared an initial study proposing optimisations of the original project concept. The update of the Feasibility Study will be executed by a joint team of Lahmeyer Hydroprojekt and Tractebel in Indonesia.

Contact: **Robert Achatz, Holger Ludwig & Nicolas Vaudrémont**

Design review for the Alfalfal II in Chile

Voith, Germany assigned Tractebel with a variation order for the hydro-electromechanical equipment design in the cavern of the Alfalfal 2 HPP of the Alto Maipo Complex in Chile. The design review is necessary because updated geological site conditions resulted in new dimensions of the cavern. Tractebel's design solutions for the project are based on BIM (Building Information Modelling) applications, thus providing a high degree of quality and reliability, and consequently reducing issues during the construction phase.

Contact: **Rafael Cesário**



ENGIE hydroelectric power plants

Tractebel has been appointed for all ENGIE hydroelectric power plants for a risk review under normal operation by ENGIE – Global Care Management. The Client raised two specific questions: the risk to the downstream public during controlled water releases and the risk to the upstream public during changes in the water level of the reservoir. The first stage is to assess the means and practices currently implemented by operators. Results will be presented to the Audit Committee of the Engie Group Board mid-2018. Best practices will then be gathered by Tractebel in a good practice manual and shared among the operators. The next stage will be the training and support in setting up these good practices.

Contact: **Fiona Theoleyre & Christine Noret-Duchène**

Lenders Independent Engineer for the 433 MW Namakhvani HPP in Georgia

On 20 February 2018, Lahmeyer / Tractebel signed an agreement with IFC, EBRD and Clean Energy Group Georgia (CEGG) for Lenders Independent Engineers services on the 433 MW Namakhvani HPP. The project comprises two schemes on the Rioni River, the upstream Tvishi HPP with 100 MW and the lower 333 MW Namakhvani HPP. Financial close is expected in December with a subsequent commencement of construction activities by the Turkish EPC-Contractor (and co-sponsor in CEGG) ENKA early 2019.

Contact: **Dr. Rüdiger Siebel**

Conferences

World's Leading Trade Fair for Water, Sewage Waste and Raw Materials Management in Germany

GKW Consult / Tractebel will be represented at the IFAT ENTSORGA, the World's Leading Trade Fair for Water, Sewage Waste and Raw Materials Management. Tractebel presents its services within a joint booth organized by German Water Partnership. The fair will take place in Munich, on 14-18 May.

Contact: **Cornelia Clemm**

Nepal Power Investment Summit

On 27-29 January, Lahmeyer / Tractebel was represented at the Nepal Power Investment Summit 2018 held by the Energy Development Council Nepal (EDC) in Kathmandu. The event drew more than 500 national and international energy sector professionals to discuss the regional energy situation. Bernhard Stabel and Jörg-Peter Albrecht attended the summit as an opportunity to meet with delegates of ministries, embassies, companies or governmental and private investors.

Contact: **Jörg-Peter Albrecht**