

Project News

Tehri Pumped Storage Project in India

The 260 m high rockfill dam of Tehri and the associated 1,000 MW underground power plant has been completed in 2006. Tractebel prepared the design of the power plant extension by an additional 1,000 MW pumped storage plant. Tractebel is currently responsible for the design revision and technical assistance to the construction supervision

Excavation of the power house is almost completed, but challenges are expected for the excavation of the surge shafts and excavation of two smaller caverns in especially unfavorable conditions.

Contact: [Christophe Vibert](#)

EPC Contract Signed for Mambilla HPP in Nigeria

After several months of negotiations, the EPC Contract between the Federal Ministry of Power, Works and Housing and the JV Contractor CGGC – SINOHYDRO – CGCOC to start the execution of the 3,050 MW Mambilla HPP was signed on 10 November 2017. The Contract value is 5,792 Billion Dollars. Since 2012, Tractebel is in charge of the Owner's Engineering services for the Federal Ministry of Power, Works and Housing.

Contact: [Thibaud Genton](#)

Events

Symposium of the French Committee of Dams and Reservoirs

Tractebel was present at the symposium organized on 29-30 November 2017 by the French Committee of Dams and Reservoirs (CFBR) and by the Hydrotechnical Society of France (SHF) on the topic of hydraulic dams and dikes. Five articles were presented by Tractebel collaborators on topics as varied as 3D numerical modelling, erosion downstream of dams or spillway rehabilitation projects. Special thanks to Géraldine Milesi who represented Tractebel at the steering committee of this symposium, which has been a great success with the profession.

Contact: [François Halgand](#)

News from the Group

Dr. Christoph Theune and Patrick Kaminsky appointed as Managing Directors of GWK Consult

Effective from the 1st of January 2018, Dr. Christoph Theune and Patrick Kaminsky took over the positions of Managing Directors with GWK Consult.

Dr. Christoph Theune is the new Chairman of the GWK Management. He has been active in GWK in management positions for 24 years and for the last 6 years as Director of Operations. Patrick Kaminsky is the new Chief Financial Officer, has been active with GWK for 10 years in various positions, most recently as Financial Director.

Both are eager to proceed in developing strong and trustful collaboration with their partners in Tractebel's Geographical Entities

Contact: [Dr. Christoph Theune & Patrick Kaminsky](#)

Marc Demirdache - Hydro Product Director for GE Belgium

In December 2017, Marc Demirdache was appointed as Hydro Product Director for GE Belgium. Marc will lead the hydro team and the hydro activities performed from our South and South East Asian subsidiaries, namely India, Thailand, Indonesia, Myanmar and the Philippines. He will chair in the Hydro Management Committee representing GE Belgium. Marc has 20 years of experience in planning, design and construction supervision of hydro projects all around the world for public and private stakeholders.

His Asian market and stakeholder's knowledge and development appetite will be very useful for our future growth in the region and will increase the market share of all our Entities. Marc will be in strengthen the relations between the Geographical Entities active in the region in full respect of our Golden Rules.

Contact: [Marc Demirdache](#)

Contract Awards

Enguri HPP Rehabilitation Project in Georgia

On 8 September 2017 the 1.57 Mio € contract on the Enguri HPP Rehabilitation Project - Phase IV was signed between Engurhesi Ltd. and Tractebel. The scope of works mainly comprises design, tendering and construction supervision for the rehabilitation works on the 15 km long headrace tunnel and penstock as well as on some hydro-mechanical components of the more than 270 m high concrete arch dam (2nd highest in the world) and the powerhouse. Joint effort and good cooperation between our German and Turkish Entities made this success possible.

Contact: [Dr. Rüdiger Siebel](#)

ENGIE contracts Tractebel for the Salto Osório HPP rehabilitation in Brazil

The Salto Osório Hydroelectric Power Plant started operating in 1975 and is located on the Iguaçu River. The installed generation capacity of the plant is 1,078 MW with six generating units. The plant is owned by Engie Brasil Energia S.A. In January 2018, Engie contracted Tractebel with engineering services for the rehabilitation of all units. The contract includes design review, decommissioning and disassembly of the old equipment, as well as factory inspections, supervision of the handling, on-site erection, and the testing and commissioning of the new equipment.

Contact: [Rogério Zamparoni](#)

Feasibility Study for the Kpep HPP in Cameroon

On 20 December 2017, Tractebel has signed a contract for the Feasibility Study services for the development of Kpep HPP in the North-West region of the Republic of Cameroon. This challenging project is located at a remote area on the Katsina Ala river and comprises the 100 m high Kpep dam and a 485 MW open-air powerhouse. The Feasibility Study will allow the Client, Joule Africa Ltd, to negotiate the Power Purchase Agreement with the Government of Cameroon.

Contact: [Dr. Yannick Scheid & Georgios Tziallas](#)

Project News

Optimum Layout Selection for Fomi HPP in Guinea

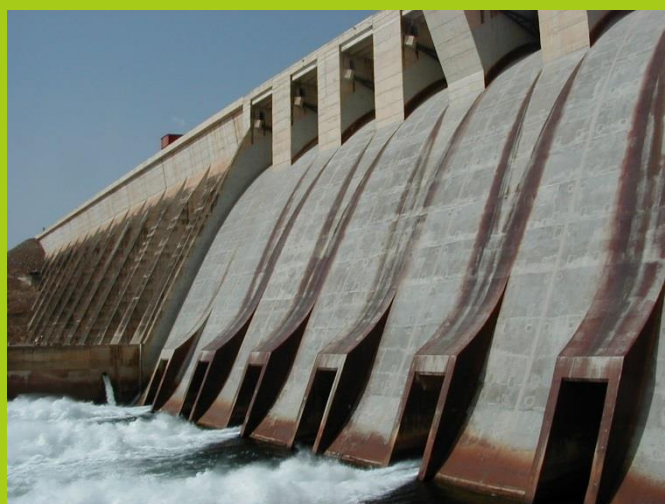
The final workshop for the Phase 1 studies for Fomi HPP with an installed capacity of 119 MW took place in Conakry on 13-15 December 2017, with representatives from Tractebel, the World Bank and the international Niger Basin Authority. A synthesis of the work performed and of the multi criteria analysis were presented, to provide decision makers with strategic elements for the choice of the optimum scheme. The studies for Phase 1 will be completed in February 2018.

Contact: [Camille Fargette](#)

Commissioning of the 4th unit of Manantali HPP in Mali

On 22 November 2017, the commissioning of the 4th unit (total 5 units) of Manantali HPP was successfully completed. Since 2015, Tractebel supervised the refurbishment of the Kaplan turbines that experienced an early damage of the runner blades operating mechanism. The refurbishment is planned to be completed in August 2018 and will allow the power plant to recover its original capacity of 205 MW.

Contact: [Clément Gaboriau](#)



Manantali in Mali, installed capacity 205 MW