

Contract Awards

Engineering Services for a Pumped Storage Development in Ras Al Khaimah, UAE

The Government of Ras Al Khaimah awarded a contract for development of a pumped storage project at Ras Al Khaimah to Tractebel. The services include a comprehensive site identification study, design, cost estimates and assessment of potential benefits of project options on pre-feasibility level.

Contact: **Dr. Jörg Grossmann**

Improvement of the Water Quality in the South of Tunisia

Tractebel has been contracted with the Technical assistance for six desalination plants for brackish water. The project includes design and construction of the plants as turn-key contracts and of necessary infrastructure works such as deep wells, pumping stations, transmission pipes pre-treatment works and finally, water distribution systems. The contract period comprising studies, construction phase and defects notification is about five years.

Contact: **Dr. Ralf Bufler**

Environmental Studies for the Koukoutamba Hydropower Project, Guinea

Within the framework of the Koukoutamba Hydropower Project in Guinea, Tractebel has been commissioned by the Organization for the Development of the Senegal River (OMVS) to implement the Environmental and Social Impact Assessment (ESIA) and the Resettlement Action Plan (RAP). The ESIA will pay special attention to the highly sensitive biodiversity in the area, the cultural heritage and the associated risks of the project. The RAP for the population affected by the project will target around 7,000 people.

Contact: **Jean-Luc PIGEON**

Project News

Hydraulic model of Souapiti Hydropower Project, Guinea

Tractebel conducted a mission in China to inspect the hydraulic model prepared by the Contractor CWE with its designer Yellow River. Three scale models were inspected: a general model of the dam and appurtenant works (scale of 1:80), the freeflow spillway (1:20), and the bottom outlets (1:30) designed to pass part of the floods. A second mission will be executed to inspect the model after implementation of the recommended modifications (step design on the spillway chute, jet aeration and valve design on the bottom outlets).

Contact: **Alice Lecocq, Fiona Theoleyre, Christopher David**

Flood Retention Basin along the River Wipper, Germany

In 2013, the Saxony-Anhalt State Dam Administration commissioned Lahmeyer Hydroprojekt with design and construction supervision of a dry flood retention basin to protect municipalities along the river Wipper from frequent and heavy floods. The proposed retaining structure is composed of an embankment with a controllable, ecologically passable outlet facility into which operation discharges and an overflow spillway are integrated. By spring 2017, the concrete works are almost completed.

Contact: **Hagen Sauer**



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Cooperation with ENGIE on the Lemro Hydropower Project in Myanmar

In Myanmar, the Feasibility Study of Lemro HPP scheme (600 + 90 MW) has been granted to Tractebel which sets-up three agreements, one with Myanmar Ministry of Electricity and Energy, a second with the French Ministry of Finance / Natixis Bank (providing French FASEP* Grant) and a third with ENGIE GLOW (financing the ongoing site investigations).

Contact: **David Levrat & Benoit Jacquemart**

**Private Sector Aid Fund*

Seasonal Water Resources Management in Semi-Arid Regions

Tractebel, in a Joint Venture with several German Universities and the GAF AG, has been awarded a project by the German Federal Ministry of Education and Research to develop methods and tools for a practice transfer of regionalized global data for the seasonal water resources management in semi-arid regions.

Contact: **Berhon Dibrani**

Project Launch for Canal Seine Nord Secteur 1, France

Tractebel, associated with Artelia, Arcadis and Compagnie Nationale du Rhône, has been awarded the Part One of the "Canal Seine Nord Europe" project. This major project for France and waterways transport in Europe will link Paris with the north of Europe and is characterized by a 120 km new channel, seven large waterlocks and significant infrastructures.

Contact: **Patrick Lignier**

Extension of the technical Assistance of Samendeni dam, Burkina Faso

The Samendeni dam regulates the flow of the river Mouhoun to provide irrigation and drinking water. The 24 m high and 2.9 km long embankment dam controls a large reservoir of 1 billion m³. Two 1.28 MW Kaplan turbines ensure the annual production of 16.8 GWh to strengthen the power supply in the region of Bobo Dioulasso.

Tractebel and his partners CID, Morocco and BERA, Burkina Faso have been awarded an assignment from the Ministère de l'Agriculture, de l'Hydraulique et des Ressources Halieutiques for the extension of construction supervision services. Tractebel is responsible for the hydro- and electromechanical equipment.

Contact: **Didier Mazel**

Congress Participation

World Hydro Congress 2017 in Ethiopia

With delegates from Tractebel, the World Hydro Congress 2017 of the International Hydro Association, one of the most important gatherings for hydropower decision-makers and professionals took place in Addis Ababa from 9 to 11 Mai 2017. The African Power System interconnection was presented as a pre-requisite for African development. Successful interconnection will rely on the output of large-scale Hydropower Projects. The strong interest of Chinese organisations beyond construction services and the presence of Chinese ICT suppliers indicate new challenges ahead.

Contact: **Dr. Yannick Scheid, Louis Bouzat, Dr. Sergio Camilletti & Ralf Bucher**

