

Achievements

Inauguration of Soubré and sod-cutting ceremony for Gribo-Popoli in Ivory-Coast



On 2 November 2017, Soubré HPP (275 MW) was inaugurated by the President of the Republic of Ivory Coast Alassane Ouattara and simultaneously the works for Gribo-Popoli HPP (112 MW) located 7 km downstream were launched.

Jean Teyssieux was promoted Knight of the Order of Merit of Ivory Coast on behalf of Tractebel in charge of the Owner's Engineering. Soubré was commissioned almost one year ahead of the schedule. We congratulate the project manager Jean-Michel Bocquet and his team for this achievement.

Contact: [Jean-Michel Bocquet](#)

Contract Awards

Tanjung Sakti HPP Pre-Feasibility Study in Indonesia

Tractebel signed a framework agreement with PT Indonesia Power regarding Consultancy Services to prepare the pre-feasibility and feasibility studies for medium to large scale HPPs in view of their development under IPP scheme.



The Client is now proceeding with Tanjung Sakti HPP in the South Bengkulu regency and in the Lahat regency of South Sumatera. Tractebel has launched Pre-feasibility services in September 2017.

Contact: [Nicolas Vaudrémont & Wina Aditya Dewi](#)

News from the Group

Tractebel Hydro Top Management business visit to China

From 18-20 October 2017, Erkan Tekirdagli accompanied by Claudio Maia, Jean Teyssieux, Jörg-Peter Albrecht and Nancy Wang met the following companies at top management level: PowerChina International (Sinohydro), China Gezhouba Group Company (CGGC), Three Gorges Company (CTG), Changjiang Survey, Planning, Design & Research (CSPDR), State Power Investment Overseas (SPIC), China State Grid. Potential collaboration in specific projects have been discussed with them.

Contact: [Erkan Tekirdagli](#)



Project News

Impounding of the 410 MW Xe-Pian Xe-Namnoy HPP in Laos

The impounding of the reservoir of the 410 MW Xe-Pian Xe-Namnoy HPP in Laos went as per planning this rainy season. Joint teams from Tractebel in France and in Thailand continue to monitor the progress of the EPC Contractor to reach full commissioning of the powerhouse early 2019.

Contact: [Matthieu Beraud](#)

Project News

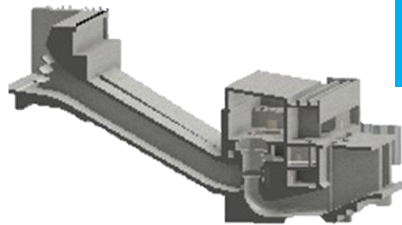
New drinking water supply pipeline for Frankfurt/Rhein-Main in Germany

The existing 35 km Ried water supply pipe provides up to 40 % of the drinking water to Frankfurt/Rhein-Main and was built in 1963/64. Hessenwasser GmbH & Co. KG anticipated the need for a modern redundant supply system to increase the security of supply. The upgraded system includes a new pipe with diameter DN1000 and a length of 4 km in the first stage, five underground structures, road crossings and cathodic corrosion protection. Hessenwasser contracted Tractebel for design, tender services and construction supervision. The works have started in summer 2017.

Contact: [Peter Bacher](#)

Töging HPP in Germany

Tractebel is currently preparing the tender planning for the new HPP Töging am Inn adjacent to the existing plant. This will be followed by the detailed design in 2018. Three Kaplan turbines with a capacity of in total 116 MW will produce 680 GWh/year.



HPP Töging is one of the pilot projects for 3D modelling and BIM in hydropower at the German branch Lahmeyer Hydroprojekt. First results are promising. The planning quality improved, with only one model to generate all plans. An increase in efficiency has already been observed during the preparation of the bill of quantities.

Contact: [Sven Oettinghaus](#)

Conferences

Hydro 2017 Int. Conference & Exhibition in Seville

From 9-11 October, Tractebel participated to the Hydro 2017 International Conference & Exhibition. Our experts from different corners of the world joined together as one team on Tractebel's booth and presented the company's success stories to an audience of about 1,200 people from 75 countries. Our experts also participated as chairmen and speakers in a variety of sessions, covering topics such as tunnels, battery storage, cyber-security in hydro plants, dams implementation in challenging site conditions and the impact of climate change on hydro generation.

Contact: [Erkan Tekirdagli](#)

Contract Awards

Bious and Fabrèges dams in France

The Société Hydroélectrique du Midi (SHEM) from the ENGIE Group SHEM has entrusted Tractebel with the stability analyses of Bious and Fabrèges dams in France. Both are two double curvature arch dams with about 60 m of height. They were built in the 1950's. Tractebel analyses both dams with the DIANA FEA BV software.

For each project Tractebel applies specific rheological models that allow representing the main mechanisms. The analysis of Bious dam focusses on hydraulic-mechanical coupling. Fabrèges is subjected to Alkali Aggregates Reaction. Tractebel employs a tool based on the Stress Controlled Anisotropic Swelling model developed with DIANA FEA BV.

Contact: [Xavier Molin](#)

Events

Excursion to Coo - Trois-Ponts – Teams from France and Germany join in Belgium

On 08 September 2017, staff from Tractebel in Germany jointly visited with their colleagues from France the Pumped Storage Plant Coo - Trois-Ponts. The plant consists of two upper and one lower reservoir. The underground power station houses 6 units that can generate up to 1,164 MW. Tractebel provides services for the rehabilitation of the Upper Reservoir 1, built in 1969. After a presentation of the plant by the Client Tractebel, the participants were guided to the upper reservoirs.

Contact: [Florian Höllerhage & Dr. Yannick Scheid](#)

