



Asia Sustainable Infrastructure Advisory (ASIA) Panel

Invitation for Thought Pieces, Success Cases & Discussants



Kelani River Bank Water Treatment

Sri Lanka



Description

SUEZ announces the completion of Phase II of the Kelani River Bank (KRB2) water treatment plant design and construction project in Colombo, Sri Lanka. The plant, with a production capacity of 180,000 m³ of water per day, was inaugurated today by the Honorable Prime Minister of Sri Lanka, Mahinda Rajapaksa. Thanks to this new extension, the site's total production capacity is doubled to reach 360,000 m³ of water per day, and will supply an additional 1.75 million inhabitants with drinking water in the north of the capital Colombo.

Suez's involvement

SUEZ has integrated technologies and processes which, in addition to optimizing plant performance according to local climatic conditions, minimize energy consumption, water waste and the site's environmental impact. The plant is equipped with two advanced technologies, "Pulsatube" and "Aquazur V", which allow it to treat larger quantities of water while adapting to the significant variations in water quality and flow induced by extreme weather conditions that the country regularly faces.

Bpifrance's involvement

Bpifrance has guaranteed the export credit provided by Crédit Agricole CIB to the Ministry of Finance for circa EUR 100 M. This export credit, in mitigating the risk borne by the bank, has played a significant role in helping the French exporter secure the commercial contract and allows the Ministry of Finance to benefit from attractive financial conditions;



[Click here](#) for a presentation video of the project



Water treatment facilities

Sri Lanka



Description

Veolia - through its subsidiary OTV - has been appointed prime contractor for a project involving the construction of five new water treatment plants, 12 service reservoirs, five pumping stations and more than 430 km of transmission and distribution pipes. This will ensure the quality and safety of the drinking water supply for over 350,000 people. The water treatment facilities at Matale (30,000 cubic meters per day), Ambanganga (18,000 cubic meters per day), Ukuwela, Udatenna and Rattotta (9,000 cubic meters per day each) will be equipped with the most appropriate Veolia solutions and technologies, including clarification, decantation and filtration. Another Veolia subsidiary, SADE, will be in charge of the design and construction of the 433 km transmission and distribution network under a subcontract.

Veolia's involvement

"Access to water is a key growth factor for cities, their inhabitants and their economies," said Claude Laruelle, Director of Global Specialty Companies at Veolia. "Our Group has a strong presence in the Asia-Pacific region, where we have built more than 250 drinking water and water treatment facilities over the past 20 years. Today, it is in Sri Lanka that our solutions are contributing to the development and competitiveness of a territory. They contribute to the fulfillment of our mission: to replenish the world.

Bpifrance's involvement

Bpifrance has guaranteed the export credit provided by the banking pool (Crédit Agricole CIB, Natixis, UniCredit and BNP Paribas) to the Ministry of Finance for circa EUR 120 M. This export credit, in mitigating the risk borne by the banks, has played a significant role in helping the French exporter secure the commercial contract and allows the Ministry of Finance to benefit from attractive financial conditions. On top of that, a commercial loan has also been put in place by the Sri Lankan bank HNB to finance the amounts not included in the export credit.

