



Master Plan, final design, construction supervision.

- **Condoroma zoned earthfill Dam - Peru.** In operation. 96 m high, 3,5 million m³ in volume. Located at elevation above 4,000 m a.s.l.

Feasibility study, final design , construction supervision.

- **El Tambolar Rockfill Dam - Argentina.** 95 m high, 4,5 million million m³ in volume. Gross capacity of reservoir 0,55 billion m³ Feasibility study.

- **Chiew Larn Rockfill Dam - Thailand.** In operation. 94 m high, 6,5 million m³ in volume. Prefeasibility and feasibility study, final design, procurement, construction and erection supervision.

- **Menta Rockfill Dam - Italy.** In operation. 90 m high, dam 2,1 million m³ in volume with waterproofing asphalt upstream face. Preliminary and final design, construction supervision.

- **Sanxia / Tree Gorges - China.** In operation. Second stage Upstream & Downstream cofferdams, designed to allow the de-watering of the main riverbed jobsite with the Yangze river in the diversion channel. Upstream cofferdam is an embankment structure 80 m high and with a 1.000 m long crest , mostly built under water. The Downstream cofferdam is a similar structure, 70 m high and 900 m long.

- **Itaipù Dam (rockfill portion) - Brazil.** In operation. 70 m high, 12,8 million m3 in volume. Prefeasibility and feasibility study, procurement, construction supervision.

- **Aguada Blanca rockfill Dam - Peru.** In operation. 46 m high, 2,1 million m3 in volume. Located at elevation above 4.000 m a.s.l., with waterproofing steel upstream face. Preliminary and final design, assistance in bidding, construction supervision.

[V - Spillways](#)

More than 150 spillways, of any type and capacity, have been designed and tested through hydraulic models and more than half of them are in operation or under construction, i.e.:

[1](#) - [2](#) - [3](#) - [4](#) - [5](#) - [6](#) - [7](#) - [8](#) - [9](#) - [10](#) - [11](#) - [12](#) - [13](#) << prev. - next >> [15](#)

- [16](#)

- [17](#)

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