



in volume. Gross capacity of reservoir 11.7 m3 in volume. Project management and construction supervision.

- **Grand Ethiopian Renaissance Dam Project- Ethiopia.** Under construction. 145 m high, crest length 1.780 m. Dam 10,5 million m3 in volume. Gross capacity of reservoir 63,0 billion m3 in volume. Project management and construction supervision.

- **Oregano RCC Dam - Guatemala.** Under construction. 115 m high. Crest length 329 m, dam 0,7 million m3 in volume. Gross capacity of reservoir 1,4 m3 in volume. Feasibility study.

- **Egiin RCC Dam - Mongolia.** 85 m high, 1,4 million m3 in volume. Feasibility study and preparation of tender documents.

- **Baardhere RCC Dam - Somalia.** 75 m high, crest length 594 m, dam 1,2 million m3 in volume. Gross capacity of reservoir 2,5 bio m3. Feasibility study and tender documents preparation.

IV.d EmbankmentDams

80 large embankment dams have been designed, almost half of these are in operation, i.e.:

- **Rogun Rockfill Dam - Tajikistan.** Under construction. 340 m high, the largest earthfill & the absolute tallest dam in the world. Crest length 700 m, dam 56,3 million m³ in volume. Gross capacity of reservoir 13,5 billion m³. Techno- Economic Assessment Study for Rogun HPP.

- **San Roque Zoned Rockfill Dam - Philippines.** In operation. 210 m high, dam 43 million m³ in volume. Master Plan, feasibility study, final design, preparation of tender documents.

- **Karkheh Rockfill Dam - Iran.** In operation. 127 m high, crest length 3030 m. , dam 5,9 million m³ in volume. Gross capacity of reservoir 25,6 billion m³. Feasibility study & tender design.

- **Doradas Dam - Venezuela.** 100 m high, 5,1 million m³ in volume. A sandy embankment with treated central impervious core,

[1](#) - [2](#) - [3](#) - [4](#) - [5](#) - [6](#) - [7](#) - [8](#) - [9](#) - [10](#) - [11](#) - [12](#) << prev. - next >> [14](#) - [15](#)

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[16](#)

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[17](#)

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