



- **Category:** Consulting and engineering services, Drinking water, Industrial waste treatment, Solid waste treatment and recycling, Wastewater treatment, Desalination, Water security, Water resources development and management, Agriculture and irrigation development.
- **Web Site:** www.tahal.com

Company profile

TAHAL Group International B.V. is a multinational engineering company, originally founded as an Israeli government agency to deal with Israel's acute lack of water, now fully owned by Kardan N.V. The Group ranks among the top companies of its kind in the world and specializes in multidisciplinary fields, such as water and wastewater systems, hydropower, desalination, solid waste management, and agriculture and irrigation development, among others.

With two main operating branches – one dealing with long term concessions and the other project oriented. The bedrock of expertise for the Group lies with TAHAL Consulting Engineers Ltd. and Water Planning for Israel Ltd., two veteran subsidiaries based in Israel with over 50 years of proven experience. TAHAL enjoys international renown for the standard of its services and provision of comprehensive solutions, based on its extensive knowledge and its commitment to quality and excellence. It complies with ISO 9001 standards and conducts all its assignments in strict conformance with its principles.

In April 2007, TAHAL set up a joint venture, Kardan Water International Group (KWIG), which is responsible for investments in water-related infrastructure projects in China, as well as management and operation activities.

Founded in: 1952

No. of employees: 1500

Examples of projects:

- Build-Own-Operate (BOO) Concession Agreement for Provision of Water Supply and Treatment in Dazhou, Sichuan Province, PRC – currently water supply capacity of 100,000 m³/day and a wastewater treatment capacity of 20,000 m³/day, serving some of the largest industrial groups in China, such as China Petroleum Corporation and Sinopec. Can be increased according to need.
- Concession Agreement for Operation and Management of Six Wastewater Treatment Plants in Tianjin and Shandong, PRC – Currently operational with total capacity of 198,000 m³/day, it is expected that capacity will increase following upgrading and expansion. The concession agreements average 20 years. Three of those plants are currently in the upgrade process to Class IA.
- Dingzhou city, Hebei province, PRC – BOT concession agreement for the capacity of 40,000m³/d and discharge standard of Class IA.
- Seawater Desalination Facility – BOO (Build, Own and Operate) at Palmachim – Financing, design, construction, supply, installation, operation and maintenance of a reverse osmosis seawater desalination plant at Kibbutz Palmachim for the production and supply of up to 30 million m³/year of drinking water. TAHAL is lead partner of the consortium.
- Water Supply Systems in Rural Areas (Turnkey Project) in Romania – Feasibility studies, detailed design and construction of water supply systems in 1,000 villages within the framework of priority governmental programs as well as provision of a financial package for carrying out the works.
- Yaylak Plain Irrigation Project (GAP) (Turnkey Project) in Turkey – Design, engineering, management, construction and coordination services of the entire irrigation system to provide modern irrigation to 18,322 ha of lands located in 46 villages near the Ataturk Dam.
- HAGAL (Talia) Sanitary Landfill (BOT Project) – Design, construction, operation and closure of a modern landfill site near Lake Kinneret (Sea of Galilee), and covers an area of 34 ha. It is to receive 1,000 tons of non-toxic waste per day. An energy centre is constructed at the site to the biogas produced at the site for the generation of electricity and sale to local users.

Range of Services include:

Master plans, feasibility studies, detailed design, financial studies, technical assistance and training; project and construction supervision, turnkey/BOT projects, GIS and MIS studies, environmental protection and impact assessment

Objectives / target companies:

Ranges from governments, public organizations, private companies and individuals in both developing and developed countries.