



WATER





Experience, Quality and Professionalism

Tedagua, created in the early eighties, has become an international leader in the design, engineering, operation and maintenance of drinking water treatment plants, using feed water from rivers, the sea or from salt-water sources (DWTP - Drinking Water Treatment Plants, SWRO - Sea Water Treatment Plants and BWRO - Brackish Water Treatment Plants).

The company possesses extensive experience in the development, construction, operation and maintenance of urban and industrial wastewater treatment plants (WWTP and IWWTP), no matter which phase might be under consideration (pre-treatment, biological, tertiary, digestion, dehydration and drying of sludge, deodorising, etc.). Offers possible solutions to gain an evolution of water treatment and guarantees the highest quality and service levels in all the processes, from the investigation of new solutions to the making of new projects or the after-sell services.

Tedagua has grown considerably in recent years and is considered a world leader in the water treatment sector.

PROJECT DEVELOPMENT	EPC	O&M
<ul style="list-style-type: none">➤ Identification, selection and analysis of business opportunities.➤ Permitting (international regulatory how).➤ Layout, Design, Basic Engineering and Plant optimization.	<ul style="list-style-type: none">➤ FEED, Basic & Detailed Engineering➤ Performance Plant Model➤ Negotiation with suppliers and subcontractors➤ Project Management➤ Commissioning and Start up➤ EPC Full wrap guarantees	<ul style="list-style-type: none">➤ Health, Safety & Environmental management➤ Operating optimization process➤ O&M performance and availability guarantees

Seawater and Brackish Water Desalination Plants (SWRO-BWRO)

Tedagua has more than three decades of experience in developing purification systems for both seawater and brackish water for obtaining final water qualities adapted for subsequent use: drinking water, industrial, and other uses.

It has extensive knowledge of the investment, design, engineering, procurement, construction and operation of Plants using reverse osmosis treatments, combined with filtration systems, ultrafiltration, nanofiltration, remineralization...



Drinking Water Treatment Plants (DWTP)

Tedagua has developed innovative solutions for the wide range of problems that arise in the treatment of drinking water. In Drinking Water Treatment Plants (DWTP) the raw water is treated by a series of physicochemical processes in order to eliminate the harmful substances, in addition to granting features making the water safe for consumption. TEDAGUA keeps these control processes under permanent review and improvement through the development, operation and maintenance of Drinking Water Treatment Plants to supply cities and towns.

The processes entailed in this service are regulation, pretreatment, flocculation, filtration and disinfection.

Furthermore, Tedagua uses the latest technologies in the production of high-quality drinking water such as chlorination using chlorine dioxide production, selective nanofiltration membranes, microfiltration, active carbon treatments, etc.).



Waste Water Treatment Plants (WWTP)

Tedagua develops primary, secondary and tertiary treatments processes according to the characteristics of the discharge to obtain quality water required in each circumstance, suitable for dumped into a fluvial channel or subsequent reuse.

Tedagua has the expertise and equipment to treat any type of urban and industrial wastewater. It has successfully implemented number of plants (or systems) for this purpose.

The research and development department of Tedagua is dedicated to optimizing processes for water reuse and optimizing energy consumption.

In addition, this department studies and identifies the most suitable advanced technology solutions.



Waste Water Reuse Plants

Tedagua has developing waste water reuse plants both urban and industrial (congenital waters produced in oil field exploitation) for regeneration and subsequent reuse for irrigation and other industrial processes.



Industrial Process Water Treatment Plants

In recent years, Tedagua has significantly strengthened its industrial water division by designing and building water treatment plants for the different industrial sectors such as petrochemical industry, food industry, livestock industry and energy production industry (water treatment plants for combined cycle and biomass power generation plants).



Water Networks & Auxiliary Works

Tedagua develops all types of hydraulic infrastructures such as intake works, pumping stations, sanitation of sewages, drinking water supply networks, submarine pipelines and modernization of irrigation systems.





HEAD OFFICES

Calle Cardenal Marcelo Spínola, 6.
28016. Madrid.
Telf.: 91 456 95 00

EASTERN EUROPE

Strada Turturelelor, 11 A
Cladirea Phoenicia B.C., Etaj 6, Sector 3
Bucuresti - Romania
Telf: +40 212 273 805

NORTH AFRICA

67, Rue Alain Savary
2eme "Tranche SOPIVEL"
Bloc B - 4eme etage
1082 Tunise - Tunisie
Telf: +216 71 841 796

NORTH AMERICA

Williams Tower
2800 Post Oak Blvd.
Suite 5858, 58th Floor
TX 77056 Houston - U.S.A.
Telf: +1 (713) 400 3577

José Luis Lagrange, 103, 8º
Colonia Los Morales
11510 México D.F. - México
Telf: +5255 3640 3140

CENTRAL AMERICA

2º Avenida 13-35, zona 17 Complejo Ofibodegas Los
Almendros, Bodegas 3 01017
Ciudad de Guatemala - Guatemala
Telf: +502 2389 66 00

Vía Transísmica
Ciudad de Panamá - Panamá
Telf: +507 221 99 03 / 6038

Avda. Anacaona, H. Dominican Fiesta, Los Cacicazgos
Santo Domingo - Rep. Dominicana
Telf: +1809 482 8210

SOUTH AMERICA

Avda. Argentina, 2415
Lima - Perú
Telf: +511 336 83 83

Alameda Rio Negro, 1030, S.1301
Barueri - São Paulo - Brasil
Telf: +55 1141 934 106

ASIA PACIFIC

293 Queen Street
Altona Meadows (3028 VIC, Australia)
Tel: +961 382 566 900

B-324, New Friends Colony
New Delhi - 96 110065
Telf: +91 11 2633 27 45

Khalifa Street, Blue Tower, 6th floor (P.O. Box 7705)
Abu Dhabi - U.A.E.
Telf: +971 2 627 23 22