

SPG



SPG

Water Project Development Group

Who We Are?

- + SPG is a water project development company located in Istanbul, Turkey.
- + SPG's main scope of work is environmental projects especially water based projects.
- + Halim Anisoglu, founder of SPG, has an experience of more than 30 years in water management sector, he was the region manager of global water giants.
- + Our Models
 - BOT
 - O&M
 - Design- Build Operate



What we operate?

- + We operate a Reverse Osmosis plant in Famagusta, Turkish Republic of Northern Cyprus, with a capacity of 7.000 m³/day.
- + We operate a water in-take system in with the capacity of 21.000 m³/day.
- + We operate a water truck distribution network in Famagusta.
- + We operate a part of a water network management system in Famagusta.
- + We won the concession tender of Nicosia Water Authority and formed a joined venture with Nicosia Municipality called Baskent Water Management.
- + We consult municipalities, construction companies and global water management companies in the middle east region.

What we do?

- + Manage water networks
 - + Telemetric Smart Meters
 - RF
 - GSM
 - F/O
 - + CRM
 - Call Center
 - + SCADA operations
 - + Hydraulic Models
 - + Supply Optimization
 - + Revenue Collection
 - + Facility Management
 - + Cost Optimization
 - + HR & Cooperate Education
 - + Flood Prevention



What we do?

+ Builds and operates WTP

❑ Filtration Systems

- Sand Filters
- Active Carbon Filters

❑ Reverse Osmosis

- Sea Water
- Brackish Water

❑ Nanofiltration

❑ UltraFiltration

❑ Mikrofiltration



+ Build and operates WWTP

❑ Industrial Waste Water Treatment Plants

- Aerobic Biological Process
- Anaerobic Biological Process
- Chemical Process
- Sludge Treatment
 - Sludge Dewatering
 - Sludge Digestion



What we do?

- + Builds and operates WWTP
 - ❑ Domestic Waste Water Treatment Plants
 - ❑ Water Reuse
 - Textile Industry
 - Steel Industry



What we do?

Drinking Water

- + Resource management
- + Water treatment plant&pumping
- + Laboratory and water quality control
- + Transport network management
- + Distribution network operation management
- + Electromechanical maintenance
- + Operational maintenance&site works
- + Water network mapping

Waste Water

- + Sewer diagnosis
- + Sewer cleaning
- + WWTP management
- + Pumping station
- + Sewage network management
- + Sludge treatment & recovery
- + Laboratory & discharge control
- + Electromechanical maintenance
- + Connections & site works
- + Sewer network mapping

What we do?

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Our Innovative Technologies

- + Leak Detection Techniques
- + Ice Pigging Techniques (Agbar – Spain)
- + Pipe Renovation
- + Network
- + Reconditioning



SPG in figures

- + 25 years of experience in water sector
- + 5 worldwide offices
 - İstanbul Headquarter
 - İstanbul Technical Offices
 - Famagusta (Cyprus)
 - Zurich
 - Ulan Bataar (Mongolia)
- + 12 Million \$ turnover/year
- + 10 million \$ fixed asset (facilities)
- + 20 key staff

References

Atatürk Industrial Wastewater Treatment Plant - 1991

- ❑ 20.000 m³/d (First Industrial Zone IWWTP in Turkey)
- ❑ Krüger Turkey (Process and Engineering as GM)
- ❑ Equipment Manufacturing company (H&B as owner)



References

İzmir Menemen Leather Industrailists' IWWTP – 1994

- ❑ 9.000 m³/day – (Extended Capacity 18.000 m³/day)
- ❑ 6.000 mg/l^t COD – 250.000 PE
- ❑ Krüger Turkey (Sales-Process engineering - General Manager)



References

İzmir Wastewater Treatment Plant – 1997

- ❑ 605.000 m³/day
- ❑ 4.000.000 PE
- ❑ TEKSER Construction company
 - Tender Management
 - Process
 - Engineering
 - Contract Negotiations
 - JV Management
 - Supply and Erection
 - Technical Coordination



References

Çeşme – Alaçatı Water Union (Alçesu) – 2003

- ❑ Contract Duration 10 years
- ❑ Veolia Water Country Manager
 - Contract Management
 - Tender Management
 - Relations with the Municipality
 - Relations with the World Bank
 - Technical Support
- ❑ First that has Privilege Contract in Turkey.



References

Güllük-Bodrum Concession Project

- ❑ Bidding was in 2005
- ❑ Works Commenced in 2006
- ❑ 35 km pipe line/distribution
- ❑ 30 M€ project value



References

ISKI (Istanbul Water & Sewege Authority)

- ❑ European Side Collector Tunnel Rehabilitation
- ❑ Duration = 3 years
- ❑ Contract Size = 10.400.000 YTL



References

Çorlu Concession Project

- + Total Revenues: 1,4 Billion €/35 years
- + Concept design and bidding coordination
- + New Water Source Determination
 - Production Strategy
 - Environmental Solutions
 - Contract Jurisdiction
 - Technological Solutions
- + CAPEX : 150 million € /35 years
 - First Inv.Program : 56 M€/5 years



Municipality Services

Polatli (Ankara) Municipality

CAPACITY = 28.800 m³/day



Municipality Services

Polatli (Ankara) Municipality
CAPACITY = 28.800 m³/day



Municipality Services

Bartın Municipality

CAPACITY = 32.840 m³/day

- + Bartın Municipality Drinking Water Treatment Plant Construction Project
 - Three big Treatment Systems have been built to meet the drinking water requirements of Bartın Municipality.
 - Turbo Major treatment System
 - Capacity is 720 m³/hour
- + Near Spike (Karakoy) Treatment System
 - Capacity is 324 m³/hour
- + Orduyeri Treatment System
 - Capacity is 324 m³/hour

Municipality Services
Bartın Municipality
CAPACITY = 32.840 m³/day



Municipality Services

Bartın Municipality

CAPACITY = 32.840 m³/day



Municipality Services

Erbaa (Tokat) Municipality

CAPACITY = 15.000 m³/day

- + Erbaa (Tokat) Municipality Wastewater Treatment Plant Construction Project
- + This project has been financed by Eurapian Union and Turkish Republic Government regarding to 2nd level areas of Regional Development Programme.
- + This system is a biological treatment system which is removing nitrogen and phosphorus by nitrification-denitrification and also chemical phosphorus sedimentation process.
- + Capacity is 15.000 m³/day

Municipality Services

Erbaa (Tokat) Municipality

CAPACITY = 15.000 m³/day



Municipality Services

Erbaa (Tokat) Municipality

CAPACITY = 15.000 m³/day



Municipality Services

Bolu Municipality

CAPACITY = 29.000 m³/day

- + Bolu Municipality Waste Water Treatment Plant and collector line construction project is started.
- + This project has been financed by the signed credit agreement between Islamic Development Bank (IDB) and the Turkish Republic Government.
- + Urban Wastewater Advanced Biological Treatment System.
- + Capacity = 29.000 m³/day

Municipality Services

Bolu Municipality

CAPACITY = 29.000 m³/day



Municipality Services

İZMİR Municipality

CAPACITY = 138.240 m³/day

- + İzmir Municipality Arsenic Removal Treatment Plant Construction Project
- + Two big treatment systems have been built to meet water requirements of İzmir Municipality.
 - Menemen Arsenic Removal Treatment System
 - Capacity is 51.840 m³/day
 - Halkapınar Arsenic Removal Treatment System
 - Capacity is 86.400 m³/day
- + TOTAL CAPACITY = 138.240 M³/Day

Municipality Services

İZMİR Municipality

CAPACITY = 138.240 m³/day



Municipality Services

İZMİR Municipality

CAPACITY = 138.240 m³/day



Municipality Services

TURKMENİSTAN /BEREKET Municipality

CAPACITY = 20.000 m³/day

- + Bereket Municipality Water Treatment Plant
- + Ultrafiltration + Reverse Osmosis Technology



Industrial Services

Konya Cumra Sugar Factory

CAPACITY = 4.800 m³/day

- + Konya Cumra Sugar Factory Process Steam Boiler Feeding Water Preparing System
- + Pre-treatment Reverse Osmosis System and softening tanks built to meet the qualification of feed steam boilers requirement of Konya (Cumra) sugar factory.



References

Water Treatment Units



IRAQ SETTLEMENTS

Drinking and Usage Water Preparation System
Reverse Osmosis System with Pre-filtration Group
50-200 m³/hour, 54 pieces

References

Water Treatment Units



EAST MEDITERRANIAN UNIVERSITY AND MAGOSA MUNICIPALITY
Sea Water Treatment System for Drinking and Usage Water Production
Reverse Osmosis System with Prefiltration Group
1.000 m³/day

References

Water Treatment Units



TURKEY SUGAR FACTORIES
Steam Boilers Feeding & Drinking and Usage Water Production
Reverse Osmosis System with Prefiltration Group
30 m³/hour

References

Water Treatment Units



MODERN ENERGY ELECTRIC PRODUCTION AND OTO PRODUCTION GROUP
Steam Boilers Feeding Water and Condense Recycle Water Treatment System
Prefiltration Group, Dublex Mixed System, Multilayer Filtration System
60 m³/hour

References

Water Treatment Units



TEKEL WHISKY FACTORY (BEVERAGE)
Process Water Preparation System
Demineralization System
5 m³/hour

References

Water Treatment Units



TÜP MERSEK DYE AND APRE INDUSTRY (TEXTILE)
Dyehouse Water Treatment System
Special Demineralization System
250 m³/hour

References

Water Treatment Units



BIRLIK ENERGY ELECTRIC PRODUCTION OTOPRODUCTOR GROUP
Boiler Feeding and Cooling Water Preparation System
Reverse Osmosis System with Prefiltration Group
33 m³/hour

References

Water Treatment Units



OTOKAR AUTOMOBILE INDUSTRY
Process Water Preparation System
Recycle Demineralization System
5 m³/day

References

Water Treatment Units



SERDAR TOMATO SAUCE FACTORY
Industrial Wastewater Treatment System
Biological Treatment System
3.600 m³/day

References

Water Treatment Units



MED UNION CONTAINERS (METAL)
Domestical and Industrial Wastewater Treatment System
6 m³/day

References

Water Treatment Units



ABANT PALACE HOTEL
Domestic Wastewater Treatment System
Biological Treatment System
300 m³/day

References

Water Treatment Units



HEMA INDUSTRY (METAL)
Industrial Wastewater Treatment System
Chemical Treatment System
4 m³/hour

References

Water Treatment Units



PASABAHCE GLASS FACTORY
Industrial Wastewater Treatment System
Chemical Treatment System
16 m³/hour

References

Water Treatment Units



BARMEK GAMA COMPANY
(DOMESTICAL WASTEWATER)
BIOTREATMENT-P STEEL PACKAGE SYSTEM
120 m³/day



MED UNION CONTAINERS
(DOMESTICAL WASTEWATER)
BIOTREATMENT-P STEEL PACKAGE SYSTEM
300 m³/day

Water Storage Tank

Van Municipality
CAPACITY = 500 m³



Water Storage Tank

Saudi Arabia / Saudi Aramco

CAPACITY = 1000 m³



Water Storage Tank

Ankara
CAPACITY = 2000 m³



Water Storage Tank

Umman
CAPACITY = 1000 m³



Famagusta Su İşletme Ltd.



FAMAGUSTA SU İŞLETME

SEAWATER DESALINATION REVERSE OSMOSIS
COMPANY

SPG

Famagusta Su İşletme Ltd.



SEAWATER DESALINATION REVERSE OSMOSIS COMPANY



SPG



Company Profile

- + FSI is a SeaWater Desalination (RO) Company supplying water to Turkish Republic of Northern Cyprus.
- + The total capacity is 8000 m³/day
- + Established in 2009 based on BOT model for 40 years of operation.
- + Design, Engineering, Supply, Erection, Commissioning is done by SPG GROUP companies.
- + Still in operation 24/7 under FSI by SPG GROUP companies.

FSI Facility in Cyprus



Famagusta Su İşletme Ltd.

