



Moya Bushnak Limited
303B, Sari Gate Building
Sari St.
P.O. Box 13744, Jeddah 21434
Saudi Arabia
Tel: +966 9 200 6300
Fax: +966 2 606 7858
info@bushnak.com

www.moyabushnak.com



OUR COMPANY

Vision

To provide sustainable water solutions to our clients using the latest systems & technologies.

Mission

To maximize long-term returns for our stakeholders through corporate excellence, innovation and sustainable business model.

Business Strategy

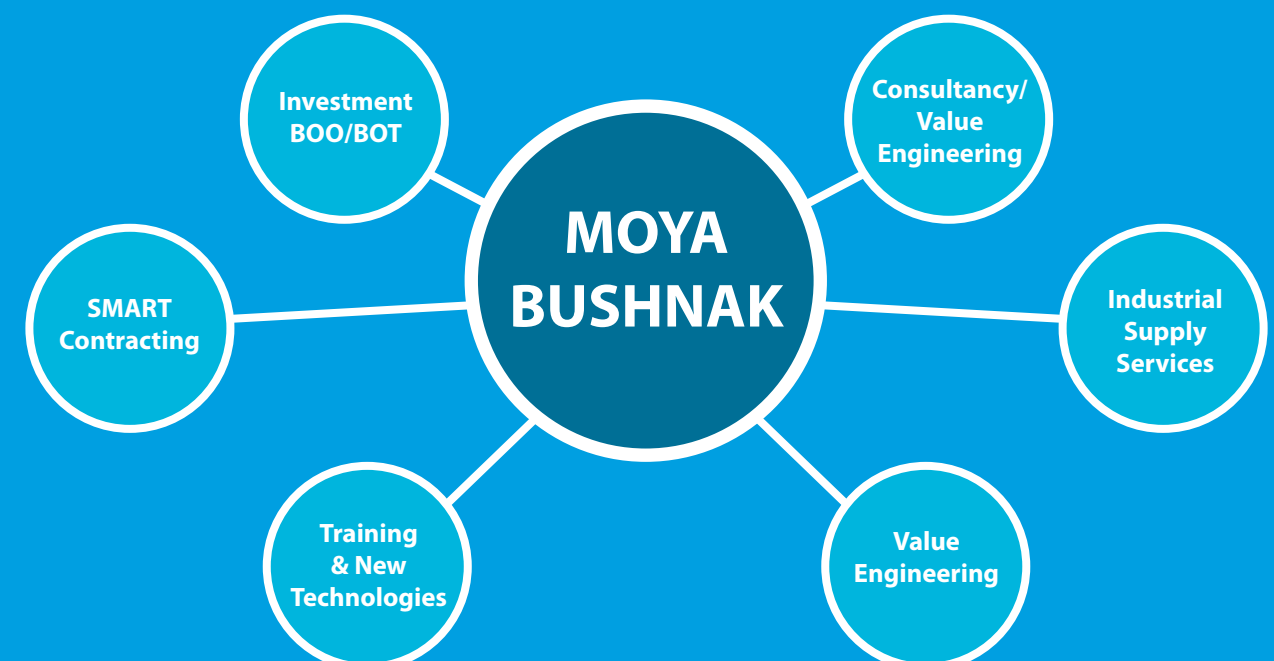
- We utilize our 30 years water experience, adding technical and commercial value to meet our customers' needs and expectations.
- We engage our clients and business associates as partners in the delivery of cost-effective and value added solutions.
- Applying our corporate, social and environmental responsibilities in all of our projects.

Highlights

- First private SWRO BOO in Saudi Arabia
- Founding GCC's first local water desalination systems contractor (Al-Kawther Industries)
- First to introduce 50% Reverse Osmosis (RO) water recovery
- First to introduce efficient energy recovery devices
- First to introduce Ultra Filtration (UF) for pre treatment in the region
- First & Largest Water/Power Forum in Saudi Arabia

OVERVIEW

Moya Bushnak is a leading water solution provider company in desalination, waste water treatment, water reuse, water services and industrial supply. We provide our services to industrial, commercial, and public customers under contract for services or under investment models. Our services include value engineering, project management, smart contracting, O&M and upgrades, in addition to industrial supply services. We focus our services to Saudi Arabia, GCC countries and MENA region. The company was established in 1990 by Dr. Adil Bushnak and subsequently merged with Moya and re-branded as Moya Bushnak in 2009. Moya Bushnak has experience and has been involved in water related projects with a combined capacity of over 481,000 m³/day. Moya Bushnak pioneered the local application of latest technologies and innovative solutions, including the privatization of bulk water supply in Saudi Arabia.



SERVICES

Water Supply

Investment in long term water infrastructure projects through BOO, BOOT or other investment models. We can also supply urgent needs by fast track and short term contracts. Over the years, Moya Bushnak has been successfully involved in many BOO/BOOT investments and has a track record of providing significant savings to our customers utility program. Our team has successfully worked with various customers to change from building and operating their own plants to purchasing water at a competitive rate over a contractual period. Main examples include Saudi Port Authorities, Saudi Airlines and other government bodies.

Engineering, Management and Upgrade

Moya Bushnak utilizes its extensive experience in the water industry providing various engineering, O&M and upgrade services. We have been successful in upgrading and replacing older plants with new efficient plants without interrupting the customer water supply. Over the years, Moya Bushnak created excellent relationships with many global industry leaders cooperating with them in providing innovative solutions.

Smart Contracting

As a better option to EPC turnkey contracts, we work with clients as their engineering and procurement arm helping them to save cost, and time and increase the efficiency of their plants. We team up with global engineering companies to implement large size projects. Smart contracting encourages more competition and value focused solutions.

Industrial Supply

Water & Environmental Services Company (WESCO) is the trading arm of Moya Bushnak with many representations of international brand names. WESCO has around 20 years of experience in sourcing the best quality and prices the local market. WESCO supplies materials to Moya's plants as well as external clients. We have many loyal clients that give WESCO repeated business due to customer and after sales support.

RECENT BOO/BOOT

The Moya Bushnak team has developed many joint ventures covering different sectors of the water industry. The company pioneered the BOO and BOT concepts for water desalination projects in Saudi Arabia, and has developed many such projects in various parts of Saudi Arabia.

Water & Environmental Services Saudia Company (WESSCO)

A joint venture BOOT project company between Moya Bushnak (51%) and Kindasa Water Services (49%) supplies potable water to Saudi Airlines in Jeddah. Moya Bushnak built and operates the project with production capacity of 12,000 m³ expandable to 25,000 m³ under 13 years BOOT contract. The project also supplies water to trucking companies serving North Jeddah. Wessco is proud to be using state of the art RO equipment that is considered to have one of the lowest energy consumption in the whole GCC region.



25,000 m3/day seawater RO pre-treatment system



High energy efficiency seawater RO system

RECENT BOO/BOOT

Kindasa Water Services (KWS)

Kindasa Water Services (KWS) is a company that was formed through an alliance between The Bushnak Group, Saudi Industrial Services and Abdulatif Jameel Group. Kindasa is a BOO project which supplies over 40,000 m³/day to South Jeddah, most of the Industrial Zones and factories.

The Kindasa main Plant is located in the Islamic Sea Port of Jeddah. It is the first private seawater desalination plant in Saudi Arabia to ease the water shortage in the Industrial City.

For our complete project list please visit our website www.moyabushnak.com



50,000 m³/day seawater membrane filtration system



High recovery seawater RO system



Dar Al Taqniya (DAT)

DAT, formerly known as the consulting office of Dr. Adil Bushnak, is our engineering consultancy arm specializing in desalination and water reuse. DAT provides process and detailed design for water treatment plants and systems that achieve maximum efficiency with minimum water life cycle cost. DAT is a leader in applying commercially viable solutions such as UF/MF Pre-treatment for sea water, integrated membrane solutions, highest energy efficiency in seawater RO plant, and MBR for waste water reuse. With a professional team of engineers and reputed experts, DAT uses a value analysis approach to come up with best practical solutions. The team is involved from project inception and preliminary research to the design and development phase, and from project execution to management and monitoring. Following are our main engineering services:

- Feasibility Studies
- Pilot Field Testing
- RFQ & Tender Specifications
- Process & Detailed Design
- Plant Construction & Commissioning Supervision
- Plant Performance Audit & Risk Analysis
- Preparation and implementation of Protocol of inventories, and testing
- Establishing Plant Maintenance Management System
- Trouble shooting operational problems
- Operations Supervision
- Inventory Control & Spares Optimization
- Optimizing Chemical Consumption & Consumables
- Plant Upgrade & Life Extension Studies



IMS Pilot Test



High recovery SWRO Pilot Test

WATER & ENVIRONMENTAL SERVICE COMPANY LIMITED (“WESCO”)

WESCO specializes in the procurement and supply of various water and energy related products and spare parts. The company represents many world renowned brands. With associate offices located in Jeddah, Riyadh, Mumbai, Singapore, China and Auckland; WESCO is an established service provider in Saudi Arabia and the Gulf market.

Following are some of our leading brands that we currently represent.

- General Electric (GE)
- Met-Pro Corporation (Fybroc Pumps)
- Sethco Pumps
- Dean Pumps
- Energy Recovery Inc (ERI)
- Eden Excel Filtration Products
- Sando Rotary Equipment
- Shenco (Valves)
- Piedmont (Couplings)
- Systems Supply (Systems)
- Pedro Gil S.A air blowers
- CATHELCO/Charles Thomson (Electro-Chlorination)
- NOVA rotors
- BEL Pressure Vessels

We invite you to visit our website for our complete product list.

BUSHNAK ACADEMY

Bushnak Academy is a water knowledge, innovation and capacity development hub through training research and global partnering. We organize specialized seminars and workshops in Saudi Arabia and other major cities in the region. Facilitated by international experts with practical experience, these events provide an excellent learning and discovery experience to all professionals working the fields of water, environment and energy. For more details, please visit: www.bushnakacademy.net

Bushnak Academy also undertakes applied research and field testing contracts to facilitate technology transfer and development. The Academy works with a pool of associates who are distinguished world experts, and a network of cooperation with local and international organizations, including the following:

- NWH – National Water Hub of National Water Company
- RTV – Riyadh Technology Valley
- JTV – Jeddah Technology Valley
- KACST – King Abdul-Aziz City for Science & Technology
- KAUST – King Abdullah University for Science & Technology
- SWCC – R&D Center in Jubail
- DTP – Dubai Techno Park
- ADC – Arab Water Council
- Arab Water Academy
- ASTF – Arab Science & Technology Foundation
- SSTDT – Saudi Science & Technology Development and Transfer
- IDA – International Desalination Association
- EDS – European Desalination Society
- Water Science and Technology Association

Saudi Water Power Forum (SWPF)

Bushnak Academy is the founder and co-organizer of the Saudi Water and Power Forum, which is an annual event that brings together global minds and companies to share the latest in the fields of water and energy. SWPF has been running successfully since 2005. It is the major water and power conference in Saudi Arabia. For more details, please visit: www.ksawpf.com



MOYA BUSHNAK BUSINESS HERITAGE

1. Land Sea Transport Company (LSTCO) Formation (1975)
2. Al-Thara Soil Testing, JV with STS Inc. of USA (1977)
3. Al-Mishkah Consulting, JV with Sverdrup Corp. (1978)
4. Al-Kawthar Industries Formation in Jeddah, the first company in GCC to manufacture RO systems, and in the following year was the formation of Al-Kawthar USA (1979)
5. Participation in the creation and launch of the International Desalination Association IDA (1983)
6. Alliance with Dupont Corporation for membrane and project promotion (1985)
7. Dr. Adil Bushnak nominated as first Arabic president of IDA (1987)
8. Formation of Dar Al-Taqniya consulting (1989)
9. Behar formation, first initiative to use salt water directly for commercial irrigation (1990)
10. Water Environmental Services Company WESCO Formation (1991)
11. Establishment of Shada Industrial Construction Services (1993)
12. Pioneered to implement the Energy Recovery Devices (Turbo charger) in SWRO plant Durrat Al-Aroos project (1995) and then the pressure exchange energy saving technology 4 years after.

13. Launching Kindasa Water Services, Saudi's first private seawater plant (1998)
14. Pioneered to use the First high recovery (50%) in SWRO plant design in Narippayur, India (1999)
15. Pioneered to use Ultra Filtration member (UF) for seawater application in KSA. One year pilot test was conducted to demonstrate the feasibility. A paper was presented in the European Desalination Association. (2004)
16. Launching Bushnak Academy (DAT Academy) to provide professional training courses for global experts in the water industry. (2005)
17. Organized first Water and Power Forum in KSA, the Saudi Water and Power Forum SWRF. (2005)
18. AWWWS and associate plants formation (2005)
19. Water Environmental Saudi Services Company (Saudia Airlines Water Supply) and Bushnak Pallava Water Formation (2006)
20. Moya Holding Formation (2008)
21. Amalgamation and establishment of Moya Bushnak (2009)