
Marinco KSA

Passion and innovation

Pioneering excellence in reverse osmosis systems since 1978, Marinco is a family-owned business led by the visionary Dr. Carlo Cavicchi. With a background in engineering and business, Dr. Cavicchi has driven Marinco's growth and global expansion. From its humble beginnings in Bareggio, Milan, with an 800 sq.m. space, Marinco now thrives in its Dubai headquarters to cater to the demands of a worldwide market. With over 7000 machines produced, we continue to innovate and deliver cutting-edge solutions in water purification technology. Join us on this remarkable journey towards cleaner and healthier living.





Green tech philosophy

Passion for sustainability drives us. Marinco team pioneers eco-conscious solutions, developing advanced desalination systems. Embracing Green Tech philosophy, our energy-recovery-based desalinators reduce electrical consumption, optimize operational efficiency, minimize weight and size, and cut transportation costs. Join us on our journey towards a greener future.

ISO 9001 Certified ISO 14001

Reverse Osmosis System:

Reverse osmosis is a membrane process that removes both organic salts and micro organisms in the brackish and sea water.

The purification process is very simple: under-pressure water is filtered through a membrane. The resulting product is called permeated, the water obtained is a fresh water that has been completely sterilized since membranes do not allow single sail molecules pass through, they are even less likely to let bacteria and viruses, which have bigger dimensions, penetrate.
The remaining part is more concentrated water, not utilized.

50/5000

RANGE CAPACITY
M3/DAY STANDARD UNIT
BIGGER ON REQUEST

Why Choose Marinco

Enhanced Production Efficiency

Marinco systems produce 10% more water than competitors in the 750 to 800 range, offering larger capacity at a lower price

Innovative Technological Solutions

We implement cutting-edge technology that significantly reduces the cost of water production

Customized Cost-Reduction Strategies

We work closely with clients to develop strategies that reduce the costs of spare parts and consumables during operation.

Proven Track Record

Our references and installed systems speak volumes about our reliability and performance.

Quality and Performance Assurances

We provide robust insurance and certifications that guarantee the quality and functionality of our systems.

Exceptional Service

Our service is characterized by swift responses and prompt interventions.

Global Support Network

Our international network ensures reliable assistance wherever needed

Corporate Agreements

We offer the possibility of locking in prices and costs over time through corporate agreements.

Turnkey Project Availability

We can provide complete turnkey project solutions as required.

Commitment to Sustainability

Marinco is actively involved in developing green technologies to protect the environment.









Naval
SECTOR

Revolutionizing the maritime industry, we are the forefront innovators in saltwater-to-freshwater conversion.
Our cutting-edge reverse osmosis units seamlessly equip large cruise ships with an uninterrupted supply of fresh water. With unrivaled capacities ranging from 120 to 1000 cubic meters per day, we proudly redefine excellence and reliability in meeting the vast water demands of these magnificent vessels.



Land
SECTOR

Marinco - Innovating water solutions for a sustainable future. Transforming seawater and/or brackish water into potable freshwater, even in the most luxurious villas and residences worldwide. From Kenya to Thailand, our hundreds of units have provided a reliable source of fresh water. Join us in our mission to ensure a sustainable supply of this precious resource. Discover our portable solutions for homes, hotels, and resorts.

Joint venture delivering advanced water treatment solutions across Saudi Arabia



Marinco KSA

Marinco KSA Strategic & Organizational Plant

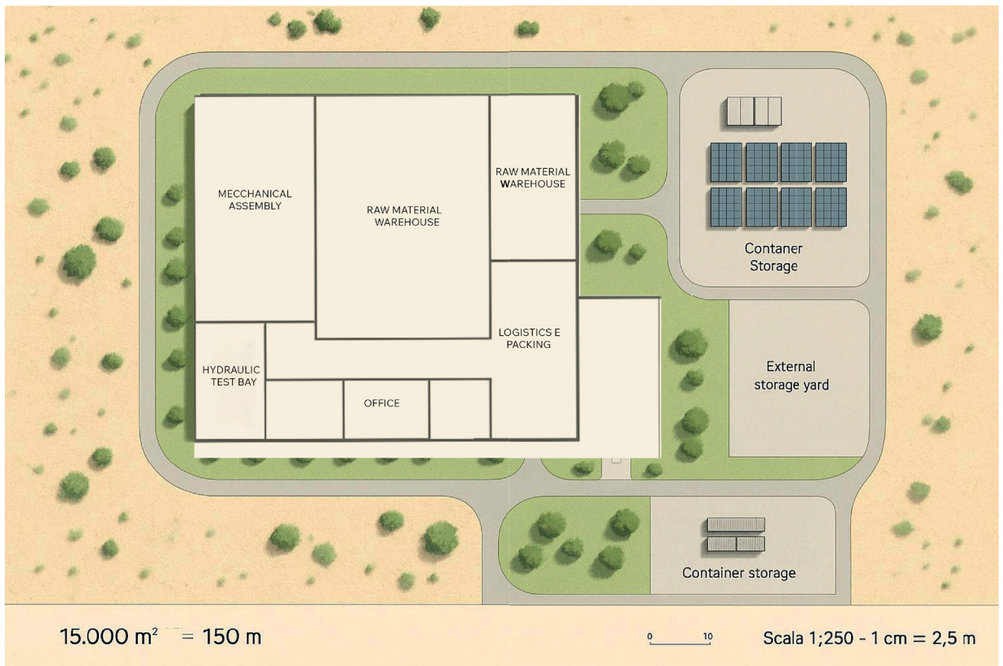
This project proposal outlines the conceptual design of a high-capacity manufacturing facility for reverse osmosis desalination systems (35,000 m3/day and above), to be established in a high-temperature region (up to 50°C ambient conditions).

The facility will produce modular, containerized systems designed for the treatment of seawater, brackish water, and well water, in full compliance with ARAMCO technical and safety standards.

Establish Entity
Company registration,
bank accounts, local office setup

Develop Network
Local partnerships,
supplier relationships

Marketing
Exhibitions, website,
media presence



DEVELOP A STATE-OF-THE-ART PRODUCTION CENTER FOR INDUSTRIAL DESALINATION UNITS.

Ensure full integration with Aramco specifications and Middle Eastern environmental constraints.

Maximize operational efficiency, testing capabilities, and logistics.

Design a layout compatible with local labor, energy, and logistics infrastructure.

Industrial
SECTOR

Specialists in water purification through reverse osmosis systems, we are a reliable supplier of units for the production of demineralized water. Serving both the pharmaceutical and chemical industries for their processes, as well as factories and domestic environments to ensure the necessary purity in boilers and various systems. Elevate your water quality standards with our expertise. Your trusted source for fresh water solutions.

Advantages Marinco Desalination Systems

Installing desalination systems in resorts on private islands is an ecological and economically advantageous solution to ensure sustainable water supply. Investing in this technology not only contributes to the conservation of natural resources but also strengthens the commitment to a greener and more responsible future.

Environmental Sustainability
Reduction in Freshwater Withdrawal: Desalination systems reduce the need to draw freshwater from natural sources, preserving valuable water resources.
Minimization of Environmental Impact: The use of advanced technologies minimizes the collateral effects on the surrounding marine ecosystem.

Autonomy and Reliability
Resorts do not rely on external water supplies, ensuring a constant supply even during drought periods. Operational Reliability: Modern desalination systems are designed to operate efficiently with minimal maintenance, ensuring a continuous and safe water source.

Economic Efficiency
Reduction in Transportation Costs: By eliminating the need to transport freshwater from distant sources, logistical costs and associated CO2 emissions are reduced.
Long-term Savings: The initial investment is offset by long-term savings in operational and maintenance costs.

Commitment to Green Practices
Renewable Energy Integration: Integrating renewable energy sources such as solar or wind to power desalination systems further reduces the ecological footprint. Environmental Certifications: Adopting sustainable practices can help resorts obtain environmental certifications, enhancing their reputation and attractiveness.

Reduction of Waste
Efficient Resource Management: Desalination technology allows for the efficient use of seawater, reducing the waste of freshwater

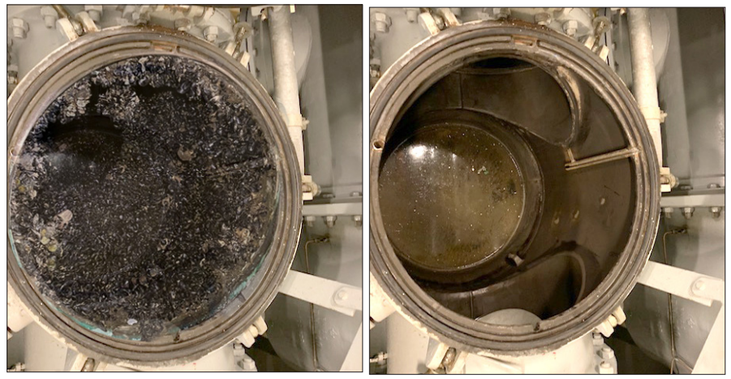


Ultrasonic Technologies

The strategy of this technology is eco-friendly. It's a Green Tech solution because its operation is based on high-frequency waves generated by transducers. Environmental and Green Tech principles are at the core of our research and production.

We prioritize recyclable energy sources (wherever possible), reduce consumption, and enhance performance. Above all, we ensure minimal environmental impact even after the lifespan of our products has ended.





One significant aspect is the financial impact.
This implies that the system is cost-effective and requires no maintenance fees.

Marinco Ultrasonic System Advantages

ENVIRONMENTALLY FRIENDLY

NO toxic metals and NO NaOCl are released into seawater like do other antifouling systems

NO LIMITATIONS FOR USE

The System can be kept constantly in service, including ports and prisine areas because is not releasing toxic substances into the environment

EFFICIENCY AGAINST BIOTA GROWING

Results indicate that it is effective against macro- and micro-marine fouling when is kept in service 24/

NO CORROSIONS

The System does not cause corrosion in pipes and components.

EFFICIENCY LIMITATIONS

The overall efficiency is completely independent from factors such as the conductivity, temperature and chemical composition of seawater

MAINTENANCE

The System is automatic and can be considered maintenance-free in operation.

ONE SIGNIFICANT ASPECT IS THE FINANCIAL IMPACT

This implies that the system is cost-effective and requires no maintenance fees.

ENERGY

The System requires a very limited amount of electric energy

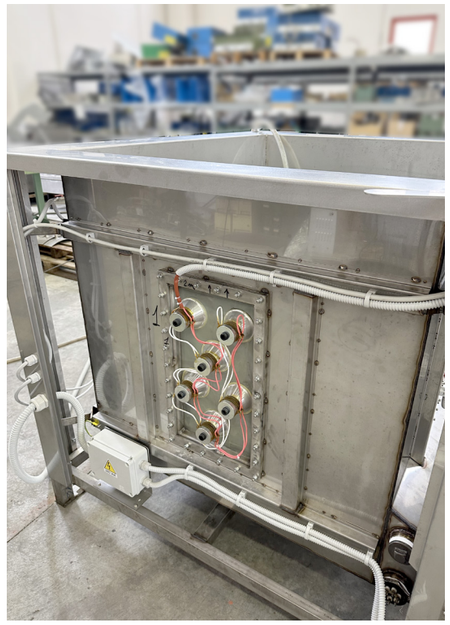




Ultrasonic washing tank

Usefull in the engine control room to wash the fuels filters, cleaning tools and workshop parts, pipes and fitting, etc... Easy, safe and eco friendly, this machine is also study for marine application.
Unit consists of a washing tank equipped with piezoelectric and magnetostrictive transducer and separate generator connected to the tank with an electric cable for high frequency.

The units do not require a particular installation.
All our tanks are made of stainless steel AISI 304 with doublewall insulation and glass wool to prevent heat loss. The tanks are equipped with electric heaters for heating the liquid scrubbing with thermostatic temperature control.





Marinco
Antifouling
Ultrasonic System

it's 100%
ecofriendly.

Marinco

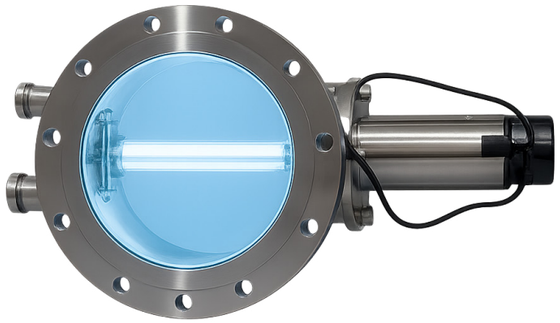
In addition to the above listed advantages
Marinco Ultrasonic System:

Marinco System contributes in preventing
a major threat to the environment, public health and the economy
as ships become a carrier for the transfer and spread
of threatening invasive aquatic species,
from one part of the world's oceans to another

Marinco System fulfils certain requirements as indicated
in most recent EU and Caribbean BLUE ECONOMY Paper

UV-C Disinfection

UV-C light provides rapid and effective inactivation of microorganisms through a purely physical process. When bacteria, viruses, or protozoa are exposed to germicidal wavelengths—primarily at 254 nm—the high-energy radiation is absorbed by their DNA and RNA, causing the formation of thymine dimers.
These molecular changes prevent microorganisms from replicating or infecting new hosts. The process is chemical-free, residue-free, and environmentally safe, making it ideal for industrial, marine, and healthcare applications.









UV-C Disinfection for Water

ECO-FRIENDLY TREATMENT

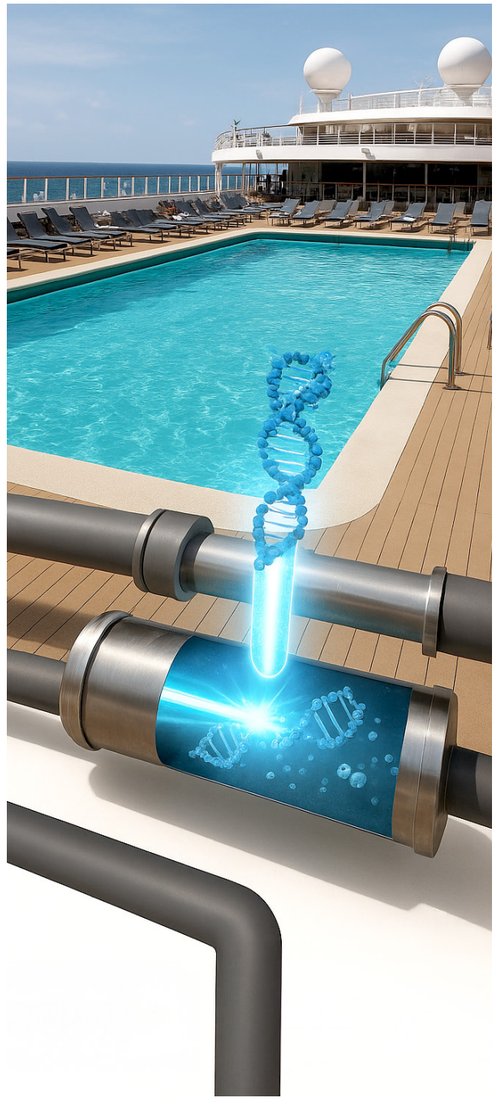
No added heavy chemicals, and no alteration of the water's organoleptic properties.

REDUCED MAINTENANCE

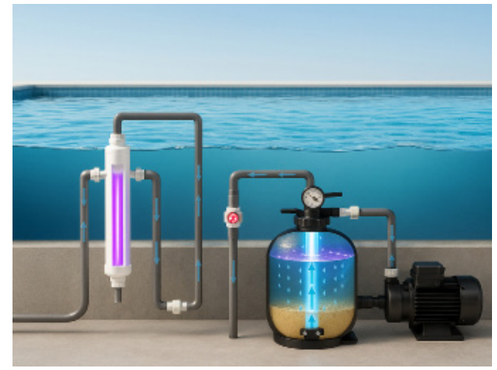
Lower maintenance requirements compared to conventional systems, with high energy efficiency..

SYSTEM INTEGRATION

Fully compatible with other treatment technologies — filtration, softening, reverse osmosis (RO) — for a complete MARINCO integrated solution.



Specific adaptations are available for a wide range of flow rates, materials, and finishes, depending on marine or recreational applications.and finishes, depending on the marine or recreational application.



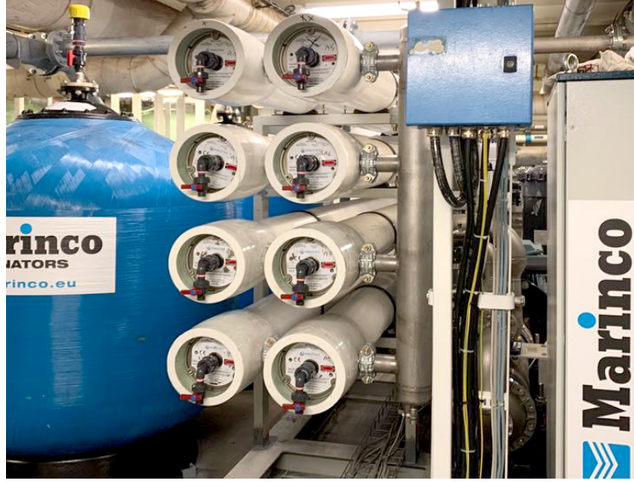
UV-C Disinfection for Air Surfaces

UV-C and ozone disinfection systems: fast, safe, and effective pathogen elimination up to 99.99% for hospitals and healthcare environments.


NORWEGIAN






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IATORS
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Marinco
DESALINATORS
www.marinco.eu
DESALINATORS
UV-101
STERILIZER
Marinco
DESALINATORS
www.marinco.eu
F-102 A
20µ FILTER



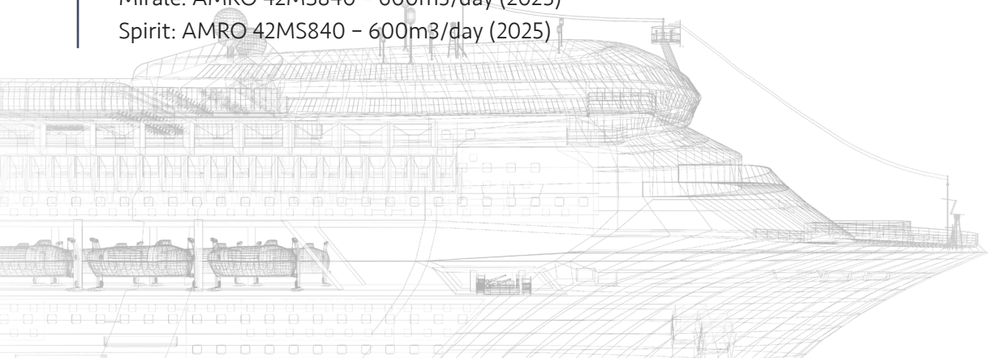
MAIN COMMERCIAL REFERENCES
IN THE NAVAL AND MARINE INDUSTRY

FINCANTIERI
HULL 6298 – Norwegian Prima : n.3 units AMRO 42MS840 - 600 m3/day each (2021)
HULL 6299 – Norwegian Viva: n.3 units AMRO 42MS840 - 600 m3/day each (2022)
HULL 6300: n.4 units AMRO 42MS840 - 600 m3/day delivery 2022
HULL 6301: n.4 units AMRO 42MS840 - 600 m3/day delivery 2023
HULL 6308 – Oceania Vista: n.2 units AMRO 42MS840 - 600 m3/day (2023)
HULL 6309 n.2 units AMRO 42MS840 – 600 m3/day delivery 2022
UPCOMING PROJECT:
HULL 6302-6303-6359-6360-6361-6367-6354-6355

NORWEGIAN CRUISE LINE / PRESTIGE CRUISE LINE / OCEANIA CRUISE LINE – Miami – Refittings
MV N.Dawn: Amro 48MS840 – 800m3/day (2024)
MV N. Star: Amro 48MS840 – 800m3/day (2024)
MV Norwegian Sun : Amro 42MS840 - 600 m3/day (2022)
MV Oceania Grandeur: Amro 18MS840 – 250 m3/day (2022)
MV Norwegian Gem : Amro 48MS840 - 800 m3/day (2022)
MV Norwegian Spirit : Amro 42MS840 - 600 m3/day (2021)
MV Pride of America: Amro 42MS840 - 600 m3/day (2020)
MV Norwegian Jewel: Amro 48MS840 - 800 m3/day (2019)
MV Oceania Splendor: Amro 18MS840 – 250 m3/day (2019)
MV Oceania Regatta : Amro 18MS840 - 250 m3/day (Regatta)
MV Norwegian Sky : n.2 units Amro 42MS840 - 600 m3/day (2018-2022)
MV Oceania Nautica: Amro 18MS840 - 250m3/day (2018)
MV Oceania Insignia : Amro 18MS840 - 250 m3/day (2017)
MV Norwegian Jade : Amro 42MS840 - 600 m3/day – Amro 48MS840 – 800m3/day (2017-2022)
MV Sirena : Amro 16MS840 - 250m3/day (2016)
MV Riviera: Amro 24MS840 - 360 m3/day (2015)
MV Mariner: Amro 16MS840 - 250m3/da (2013)
MV Voyager: Amro 16MS840 - 250m3/day (2014)
MV Marina: Amro 24MS840- 360 m3/day (2012)
MV Seven Seas Navigator : Amro 16MS840 - 250 m3/day (2012)

NORWEGIAN GREAT STIRRUP CAY
Desalination plant AMRO 15MS840 - 250 m3/day for resort (2018)

CARNIVAL
CCL Legend: AMRO 42MS840 – 600m3/day (2024)
Mirale: AMRO 42MS840 – 600m3/day (2025)
Spirit: AMRO 42MS840 – 600m3/day (2025)



COSTA CROCIERE
MV Costa Fortuna : Amro 42MS840 - 600 m3/day (2022)

GRIMALDI CRUISE LINE
MV Sardegna : AMRO 12MS840 - 200 m3/day (2021)

Ship Owner, Marina Militare - Italian Navy (Italy) - M/N Audace
Ship Owner, Nina di Navigazione (Genova - Italy) M/N Italia Prima – Amro 10MS840, 120 m3/day
Ship Owner, Marina Militare - Italian Navy (Italy) - M/N Stella Polare
Ship Owner, Mediterranean Shipping (Switzerland) - Amro 18MS840, 250 m3/day
Ship Owner, Army of Marocco (Marocco)- transportable unit
Ship Owner, V.Ships (Montecarlo)
Amro series : 5MS840-8MS840-10MS840-12MS840-18MS840 (from 40 to 250m3/day)
Ship Owner, Guardia di Finanza (Italy)- patrol boat
Ship Owner, Group Ievoli (Napoli - Italy)
Chemical Ship n.3 Amro 3MS840, 60 m3/day
Ship Owner, Royal Naval Dutch submarine (The Netherlands)
Ship owner, Quails ("Love boat" movie) Pacific Princess (Amro 12MS840 250m3/day)
Ship owner All Leisure Group , MV Discovery Amro 12MS840 250ms3/day
Ship owner Vships - Von Humboldt AMRO 8MS840 - 120m3/day
Ship Owner, Linee Lauro (Napoli – Italy)
M/N – no. 2 units Amro 2MS440
Ship owner GAP Ship Explorer (Canada),
Amro 10MS840 (120m3/day) Special for polo south
Ship Owner, Maldives Army (Republic of Maldives)
Shipyard C.N. SEC Viareggio (Lucca - Italy)
AMRO 3MS840 (50m3/day)
Shipyard C.N. T.Mariotti (Genova - Italy)
AMRO 8MS840-10MS840-15MS840 (from 100-200m3/day)
Shipyard C.N. Crestitalia (La Spezia – Italy), n. 2 motor patrol vessels
N.2 units series Ecopure 300 (200 l/h)
Shipyard C.N. Fincantieri (Trieste - Italy)-MINOAN LINES- N.3 AMRO 10MS840
Shipyard Colombo Dockyard (Sri Lanka)
Ship owner Premuda (Italy) Amro 4MS840 for Super Petrol Tanker ship

SOME REFERENCE IN INDUSTRY SECTOR AND LAND SECTOR
Norwegian Cruise Line : Great Stirrup Private Island : Amro 18MS840 - 250 m3/day
ASI (Italian Space Agency) AMRO 6MS440 - 30m3/day
Gran Sasso Research Quarter : AMRO 2MS840 - 25m3/day
AGIP TUNISIA - Containerized unit AMRO 3MS840 - 35 m3/day
IVECO -Sete Lagos Fiat Group (Brasil) DEMRO 36MS840 - 36M3/h
TATA (Pune, India) DEMRO 18MS840 - 20m3/h
AMRO 6MS84 -100m3/day in several resort in Maldives, Tanzania,Egypt, Greece, South Italy, Tunisia, Marocco, Thailand, Malaysia, Seychelles, Vietnam. Medium capacity plants from 20 m3/day to 50 m3/day for hotel and resorts have been sold in Algeria, Marocco, Greece, and Maldives Islands. A plant of 550 m3/day has been delivered in Male, Republic of Maldives.
Famous Marinco's most renown customers in this sector are Mr. Pirelli – Italy, Mr. De Benedetti – Italy, Mr. Berlusconi , Dolce & Gabbana, Dr Buora– Italy, the King of Spain, the King of Belgium, the Emir of Kuwait, the Emir of Bahrain, Mr. Koch – Turkey, Prince Aga

Board of members
Marinco KSA

BUSINESS MAN, CO-INVESTOR-CO PROPRIETOR



Amin Mohammed Abdullah Alshanqiti

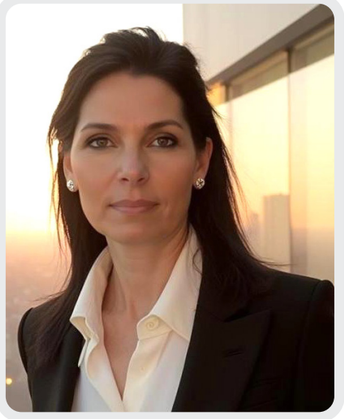


Gabriele Cavicchi

DIRECTOR OF BUSINESS ADMINISTRATION AND CONTRACTING

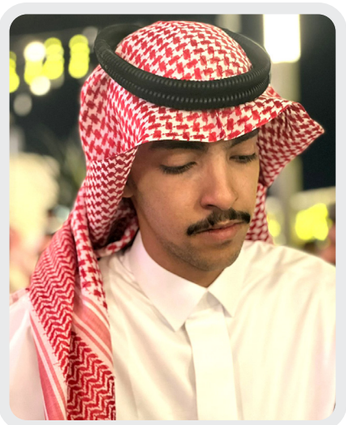


Hendra Hutomo

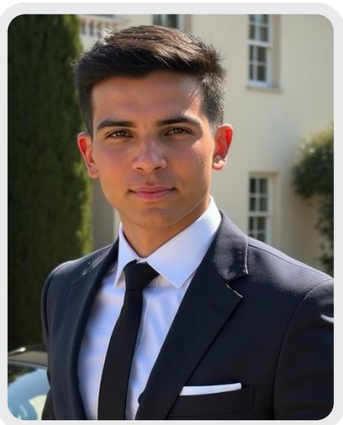


Miriam Pau

BOARD MEMBER



Al Shangiti Ahmed



Matteo Cavicchi



Martina Cavicchi

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marinco_desalinator