AQUAAQUA
GLOBAL WATER SOLUTIONS

United Science Capital

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SUPERCAVITATOR DESALINATION TECHNOLOGY

1) HIGH ENERGY AQUA TOWER
2) DESERT TO GREEN
3) HYDROGEN LINEAR ENGINE
4) WASTE TO ENERGY

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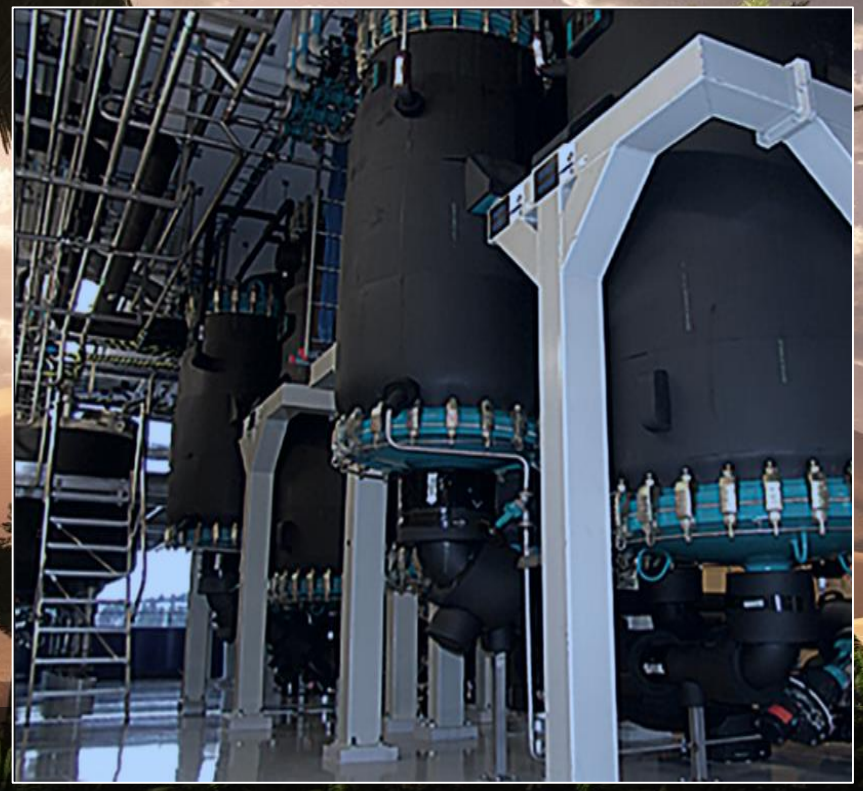
DESERT TO GREEN

NATURAL ZEOLITES TO OMC

NATURAL ZEOLITES



PROCESSING

ORGANIC MATERIAL COMPOSITES (OMC)

OMC OUT
250 000 T/Y

OMC – Soil Product

50 000 000 M^3/Y

Fresh Water

30 000 ha

30,000 Hectare Project, Total Installed Cost Budget = USD 3.0 billion

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HIGH ENERGY AQUA TOWER (HEAT)

HIGH ENERGY AQUA TOWER (HEAT)

INTERNATIONALLY PATENTED

850MW POWER PLANT

2.7 MILLION m3 / DAY DESAL PLANT

FUEL = HOT AIR

(SUPER) CAVITATION

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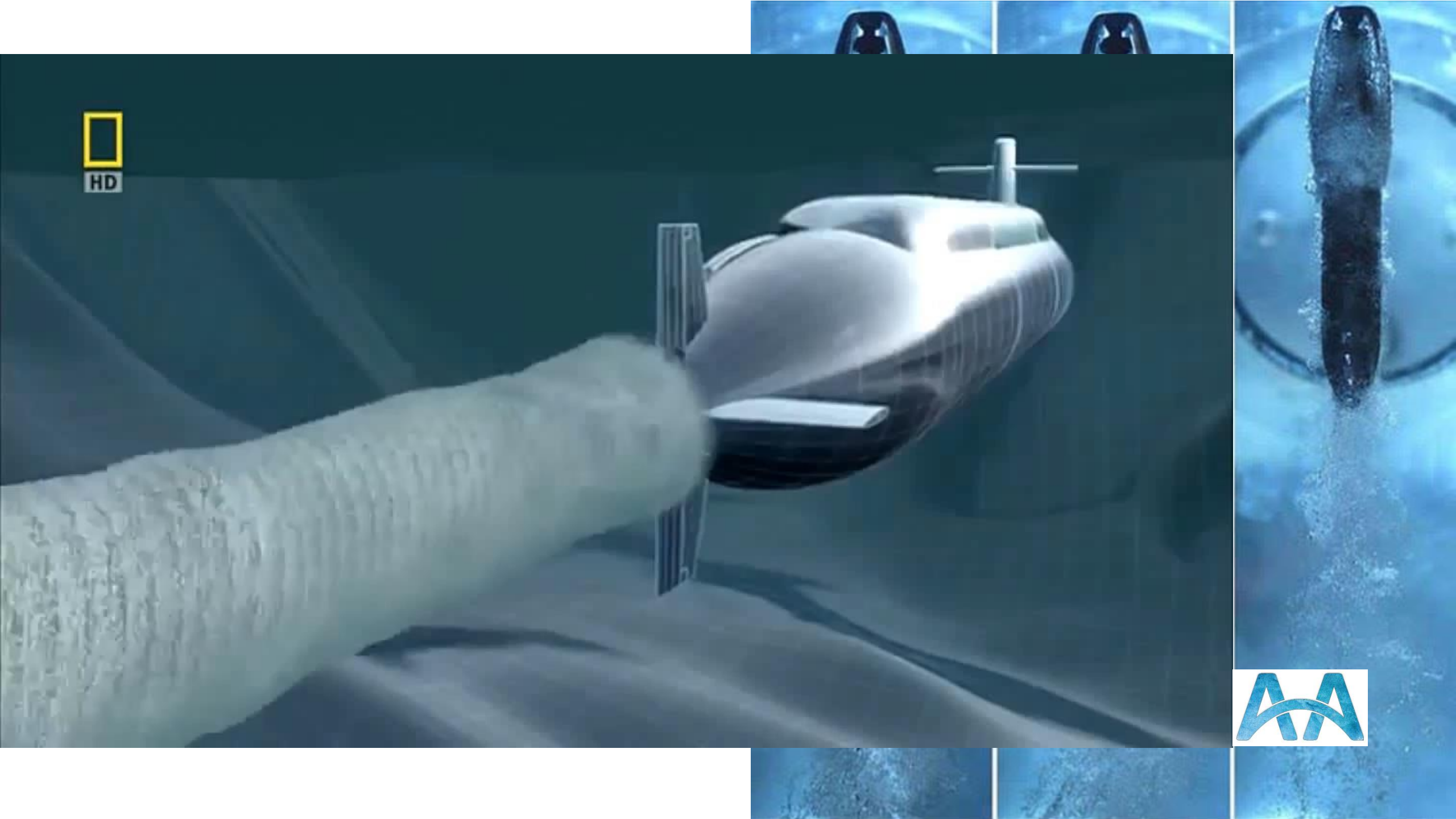
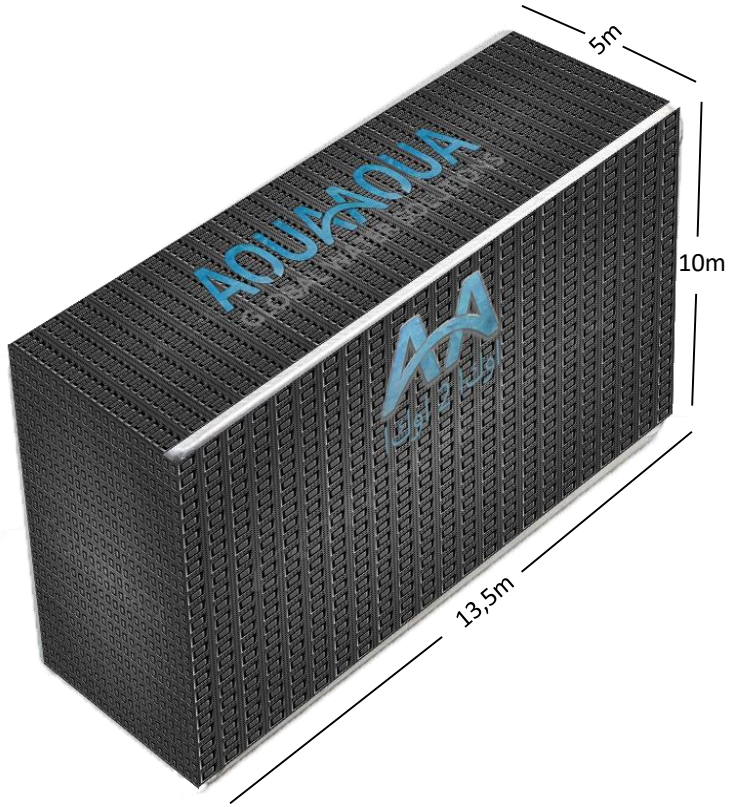

HD

AQUA2AQUA

The AQUA2AQUA Patent pending technology

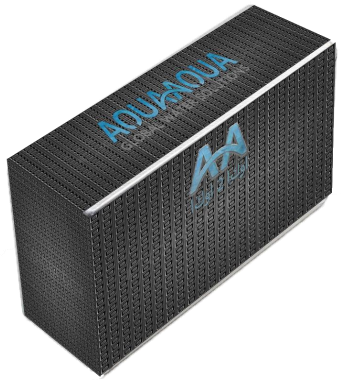
AQUA2AQUA is groundbreaking desalination/water treatment technology. It uses a fraction of the energy compared with the best in class technology (RO). It is compact and modular.



The AQUA2AQUA unit 1 700

The AQUA2AQUA:

- Produces over 1 700 m^3 /day.
- Treats (including pretreatment and posttreatment of water):
  - brackish groundwater
  - surface water
  - seawater
  - domestic and industrial wastewater
- Consumes (0.55) 1kWh/m^3 water
- Is compact and modular
- Runs on (dependent on desired capacity):
  - electricity
  - petroleum, LNG, ethanol, hydrogen
  - domestic waste and/or tires (larger capacity)



One (1) unit 1,730 m^3/day

- Unit price: $1,500,000
- Running cost (OPEX) year: $100,000 = 15.8 cents/$m^3$
- Cost for the Lifetime (25 years) (OPEX & CAPEX): $4,000,000 = 25.3 cents/$m^3$

10% LIQUID DISSCHARGE (brine)

ZERO SHOTDOWN TIME FOR MAINTANANCE

500,000m^3/day facility

- Cost $625,000,000
- Running cost (OPEX) year: $16,000,000 = 8.8 cents/$m^3$
- Cost for the Lifetime (50 years) (OPEX & CAPEX): $1,450,000,000 = 15.8 cents/m^3

ZERO LIQUID DISSCHARGE (brine)

ZERO SHOTDOWN TIME FOR MAINTANANCE

1,000,000m^3/day facility

- Cost $1,125,000,000
- Running cost (OPEX) year: $25,000,000 = 6.5 cents/$m^3$
- Cost for the Lifetime (50 years) (OPEX & CAPEX): $2,375,000,000 = 13.0 cents/m^3

ZERO LIQUID DISSCHARGE (brine)

ZERO SHOTDOWN TIME FOR MAINTANANCE

5,000 m^3/day

- Cost $4,500,000
- Running cost (OPEX) year: $275,000 = 14.6 cents/$m^3$
- Cost for the Lifetime (25 years) (OPEX & CAPEX): $11,375,000 = 26.1 cents/$m^3$

10% LIQUID DISSCHARGE (brine)

ZERO SHOTDOWN TIME FOR MAINTANANCE

10,000m^3/day facility

- Cost $9,000,000
- Running cost (OPEX) year: $450,000 = 14.6 cents/$m^3$
- Cost for the Lifetime (25 years) (OPEX & CAPEX): $4,000,000 = 22.5 cents/$m^3$

10% LIQUID DISSCHARGE (brine)

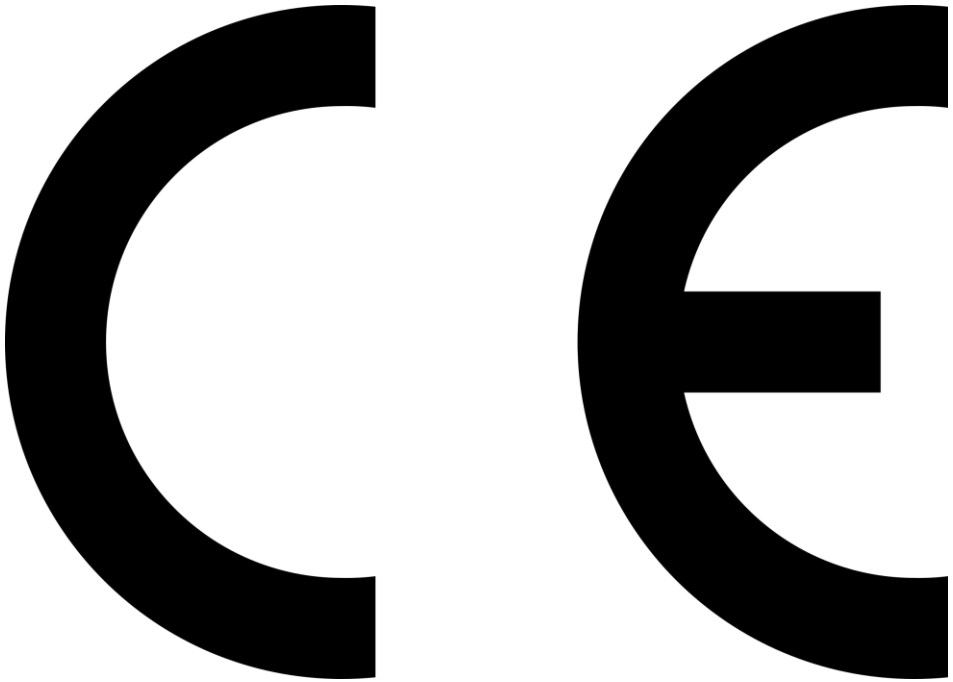
ZERO SHOTDOWN TIME FOR MAINTANANCE

50,000m^3/day facility

- Cost $43,500,000
- Running cost (OPEX) year: $2,750,000 = 6.5 cents/$m^3$
- Cost for the Lifetime (50 years) (OPEX & CAPEX): $2,375,000,000 = 20 cents/m^3

ZERO LIQUID DISSCHARGE (brine)

ZERO SHOTDOWN TIME FOR MAINTANANCE



Many products require CE marking before they can be sold in the EEA. CE marking proves that your product has been assessed and meets **EU SAFETY, HEALTH AND ENVIRONMENTAL PROTECTION REQUIREMENTS.** It is valid for products manufactured both inside and outside the EEA, that are then marketed inside the EEA

1. **Identifying the EU requirements for the product**
2. **Checking whether the product meets the specific requirements**
3. **Checking whether the product must be tested by a Notified Body**
4. **Testing the product**
5. **Compiling the technical dossier**
6. **Affixing the CE marking and drafting the declaration of conformity**

THANK YOU

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