


Feel the power
of water



ATMOSPHERIC WATER GENERATOR PLANT



One out of three people
in the world lacks access
to safe drinking water.

Over 50% of the world
population lacks access
to a proper sanitation system.

If you want
to feel the power
of water...

What if we could solve this worldwide scourge?
What if we could save from death to 1.5 million children under 5
years old, every year?

Would you save the world?

Safe water saves lives. It offers quality of life.
Water not only solves problems, it also opens and multiplies
growth possibilities. **Health**, education, economy...
the power of water!

Where there is water, there is life. Where there is life,
there are opportunities. Where there are opportunities,
there are people with dignity.

Get to know us!



ATMOSPHERIC WATER GENERATOR PLANT

What
is



AWA is the technology that guarantees big quantities of **drinking water** in each corner of our planet. It is the technology that can generate water out of atmospheric humidity, in an autonomous way, with a minimum cost, the highest energy efficiency and zero carbon footprint.

AWA is the water that empowers people to live with dignity.

AWA, our atmospheric water generator plant, revolutionizes and overcomes all known methods to get water out of the air.

Its characteristics, performance, effectiveness and the absence of environmental trace make our technology the final solution to the global scourge of safe water shortage.

With a simple, autonomous, and long lasting technology, low production cost and high productivity even in extreme drought, easy installation and minimum maintenance, **AWA is a paradigm shift that guarantees to improve the quality of life, worldwide.**



Why invest in



Simple.
AWA is water.
It is growth.
It is creating
opportunities.
It is improving
life conditions.
It is saving lives.
It is power.

**It is a simple and
unique technology,**
which works with
the help of
mother nature.


**It is an
autonomous
system,**
free from fossil fuel
and out of
electricity grids.

**It is a
turnkey solution**
to one of the most
pressing issues
of the globe.

**It is a
paradigm shift**
that guarantees to
improve living
conditions of world
population.

**It is a safe
investment**
with immediate
financial returns,
and sustainable
on the long term.

How works



ATMOSPHERIC WATER GENERATOR PLANT

AWA produces drinking water out of the air, even in environments with very low relative humidity, with a 24/7 active production.

AWA technology brings a breath of fresh air to the planet allowing environmental recovery from abused resources and poor administration.

Simple system,
easy to install
in any geographic
location.

**Remote
digital monitoring.**

Requiring
maintenance of
only 10 hours
per month.

**Zero energy
consumption.**
It provides its own
operation energy.

High efficiency
even in extreme
drought conditions.



COMPARATIVE 1/3

Other technologies to obtain water from condensation



PRODUCTION COST/LITER

from 0.03¢

0.0037¢

COST EVERY 1,000 LITERS - 1m³

from U\$D 30.00

U\$D 3.70

COST per 36,500 m³ / 1year
100 m³ x 365 DAYS

from U\$D 1,095,000.00

U\$D 135,050.00

REQUIRES DIESEL FUEL

YES

NO

REQUIRES COOLANT

YES

NO

REQUIRES ELECTRICITY

YES - 480V

NO

USE OF CHEMICALS

YES

NO

MINIMUM HUMIDITY REQUIRED

25% / 60%

15%

LIFESPAN

20 Ys

70 Ys

CARBON TRACE

HIGH

NULL

Costs include electricity, filters, spare and maintenance

Conversion chart: 1000 lts = 1 m³ = 219 UK GL
Chart to be considered only as reference

Maximum
efficiency.
Minimum
cost.



COMPARATIVE 2/3

PRODUCTION M³/DAY
 SETTING COST FOR 4 YS
 WORKING COST PER DAY
 COST OF M³
 HIDDEN FAULTS
 ENVIRONMENTAL COST
 SPARE REPLACEMENT
 CHEMICAL FILTERS
 MECHANICAL FILTERS
 UV TITANIUM FILTERS
 NUMBER OF FILTERS
 ADDITIVES
 FINAL PRODUCT
 PERFORMANCE
 BACKWASH

DESALINATION PLANTS



| | | |
|--------------------------------|---|---|
| PRODUCTION M ³ /DAY | 800,000 | 800,000 |
| SETTING COST FOR 4 YS | U\$D 8,000,000,000.00 | U\$D 4,005,000,000.00 |
| WORKING COST PER DAY | U\$D 1,880,000.00 | U\$D 61,426.00 |
| COST OF M ³ | U\$D 2.35 | U\$D 0.076 |
| HIDDEN FAULTS | HIGHLY POLLUTING WASTE | NONE |
| ENVIRONMENTAL COST | HIGH | NONE |
| SPARE REPLACEMENT | PERMANENT (MEMBRANES) | EVERY 10 Ys (COMPRESSORS) |
| CHEMICAL FILTERS | YES | NONE |
| MECHANICAL FILTERS | REPLACEMENT EVERY 3 Ys U\$D 860.00 per filter | REPLACEMENT EVERY 10 Ys U\$D 10,000.00 per filter |
| UV TITANIUM FILTERS | | |
| NUMBER OF FILTERS | 64,000 - U\$D 55,040,000.00 EVERY 3 Ys | 534 2/PLANT - U\$D 5,340,000.00 EVERY 10 Ys |
| ADDITIVES | BORON (CARCINOGENIC) | NONE |
| FINAL PRODUCT | WATER UNSUITABLE FOR HUMAN CONSUMPTION | WATER SUITABLE FOR HUMAN CONSUMPTION |
| PERFORMANCE | 90% | 75% TO 85% |
| BACKWASH | 10% OF PRODUCED WATER | NONE |

Costs include electricity, filters, spare and maintenance

Conversion chart: 1000 lts = 1 m³ = 219 UK GL
 Chart to be considered only as reference

Maximum
 efficiency.
 Minimum
 cost.



COMPARATIVE 3/3



DESALINATION PLANTS

| | | |
|----------------------------|--|-------------------------------------|
| ENERGY CONSUMPTION | 77% OF TOTAL COST | EACH PLANT GENERATES ITS OWN ENERGY |
| TOTAL ENERGY CONSUMPTION | 6.4 MW/DAY / U\$D 1,440,000.00 PER DAY | NONE |
| LIFESPAN | 10 YEARS | 70 YEARS |
| RETYLING | EVERY 10 YEARS | EVERY 20 YEARS |
| RETYLING COST | 70% U\$D 5,600,000,000.00 | 5% U\$D 200,250,000.00 |
| AMORTIZATION APPORTIONMENT | SETTING & PRODUCTION COST | SETTING & PRODUCTION COST |
| TOTAL DEROGATION | U\$D 8,000,000,000.00 / 10 Ys | U\$D 4,105,125,000.00 / 10 Ys |
| PRODUCTION (10 YS) | 2920000000 m3 | 2920000000 m3 |
| APPORTIONMENT X M3 10 ys | U\$D 2,74 / m3 | U\$D 1,48 / m3 |
| REINVESTMENT every 10 ys | 70% / U\$D 5,600,000,000.00 | |
| APPORTIONMENT X M3 20 ys | U\$D 4,27 / m3 | U\$D 0,74 / m3 |
| APPORTIONMENT X M3 30 ys | U\$D 4,27 / m3 | U\$D 0,49 / m3 |
| APPORTIONMENT X M3 40 ys | | U\$D 0,37 / m3 |
| APPORTIONMENT X M3 50 ys | | U\$D 0,30 / m3 |
| APPORTIONMENT X M3 60 ys | | U\$D 0,25 / m3 |

Costs include electricity, filters, spare and maintenance

Conversion chart: 1000 lts = 1 m3 = 219 UK GL
Chart to be considered only as reference

Maximum efficiency.
Minimum cost.



GRAPHICS USED WITH ILLUSTRATIVE PURPOSES ONLY



ATMOSPHERIC WATER GENERATOR PLANT

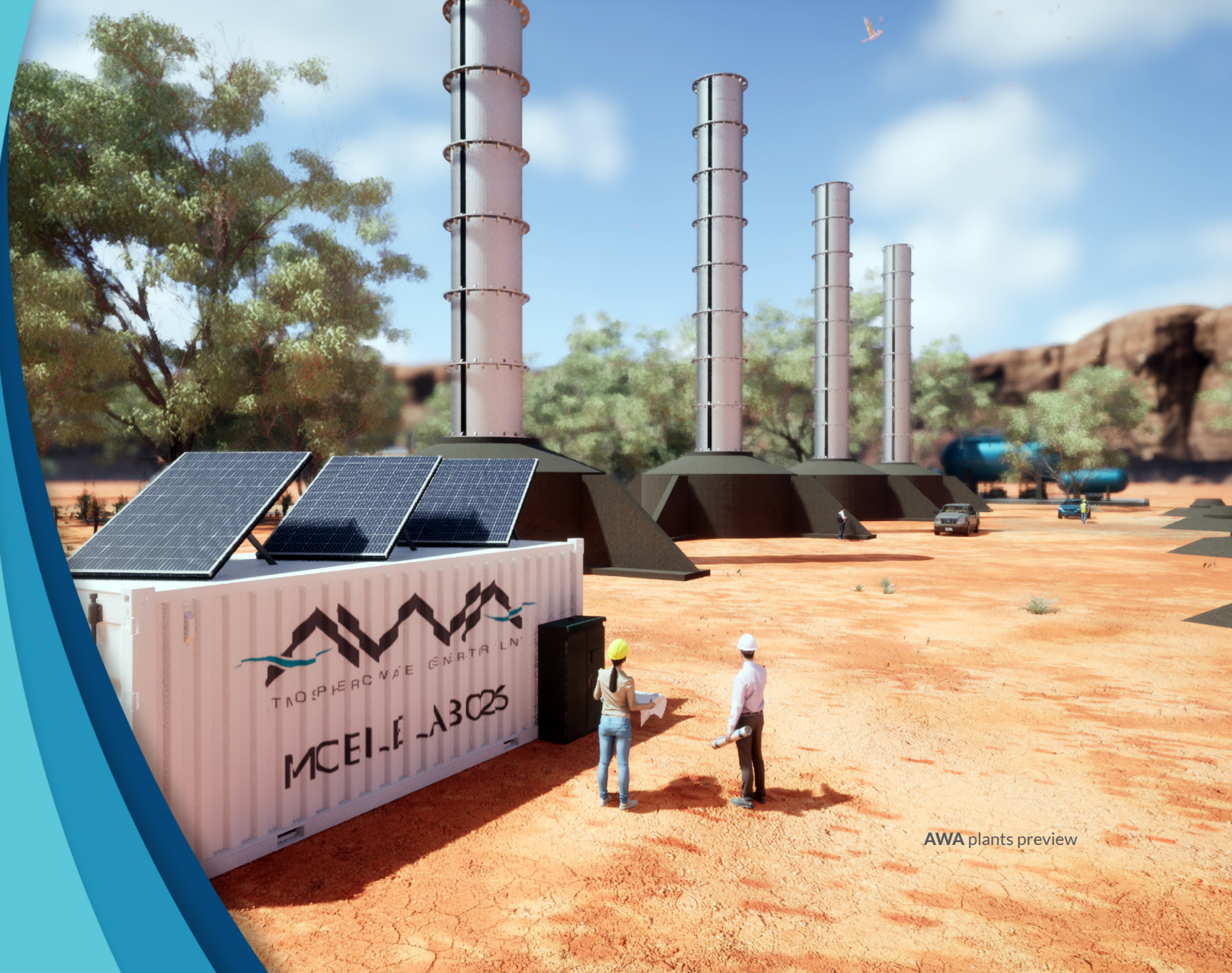
is
water

AWA plants preview

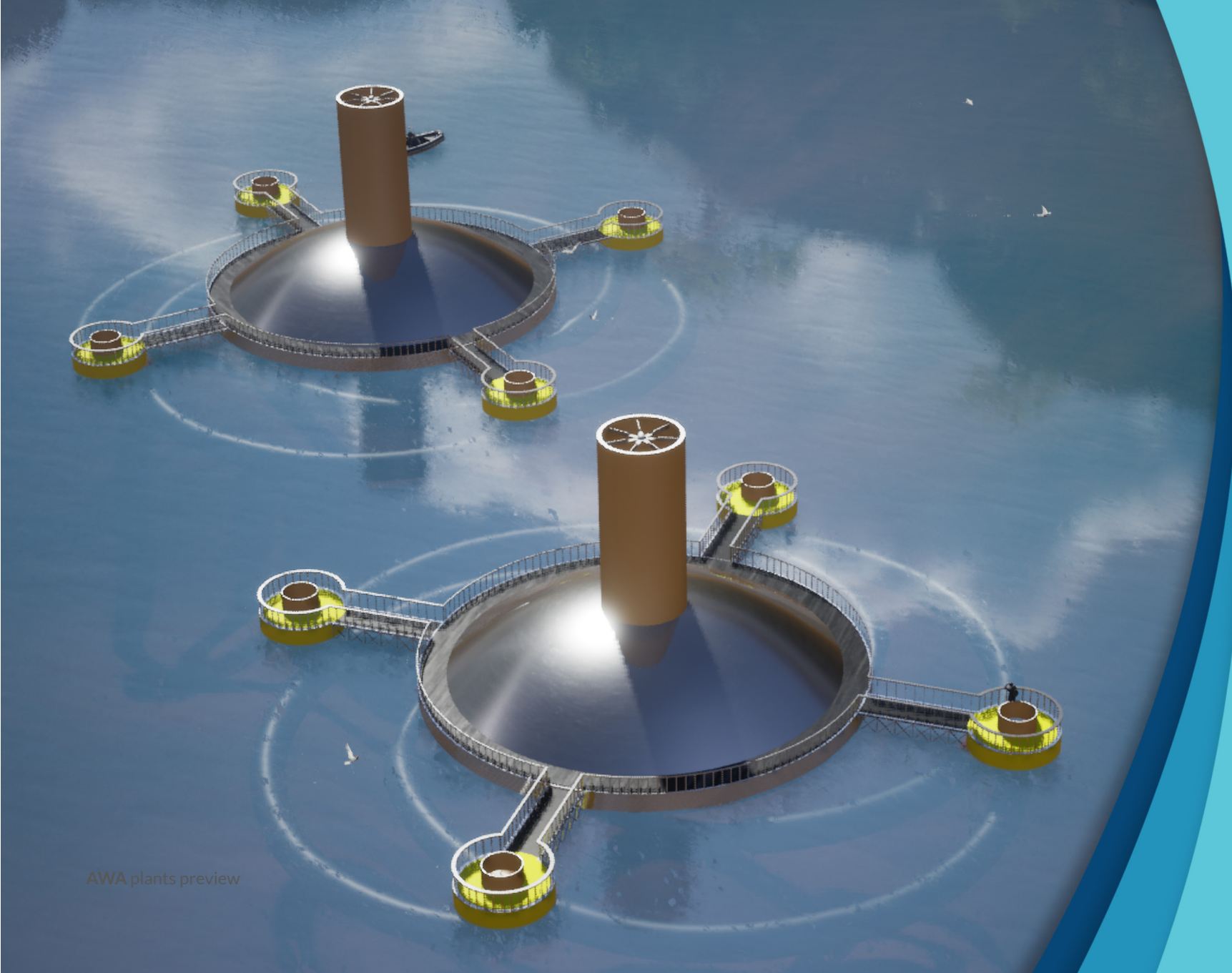


ATMOSPHERIC WATER GENERATOR PLANT

is
opportunities



AWA plants preview



is
progress

AWA plants preview



ATMOSPHERIC WATER GENERATOR PLANT

is
life



AWA plants preview

AIR WATER FZCO

is the company responsible for offering **AWA** technology to the world.

For more than 15 years, a multidisciplinary team of professionals committed with environmental safety, has been working on the design, production and maintenance of **AWA** with the aim of giving safe **WATER** access to every single corner of the earth.

Always prioritizing people's quality of life, we also offer **multidisciplinary consulting for the proper administration of water resources** in each region.

creator of



AIR WATER

Dubai | United Arab Emirates





AIR WATER



ATMOSPHERIC WATER GENERATOR PLANT

AIR WATER FZCO

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