



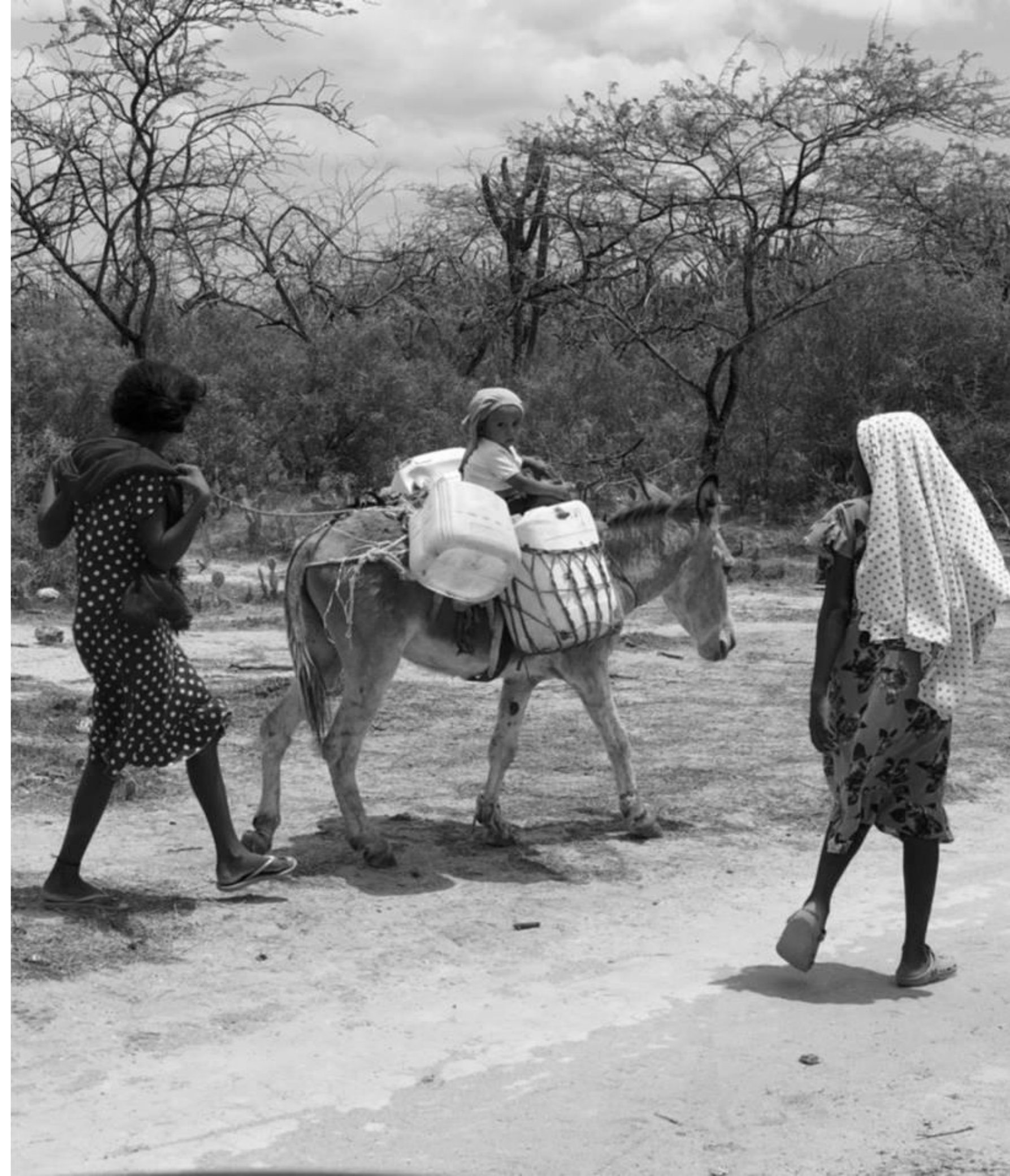
**ADB e-Marketplace for a Water-Secure
and Resilient Asia and the Pacific**

The water crisis

'2025, half of the world's population will be living in **water-stressed** areas'
'EDB'

'Every 1 USD **invested in safe water** yields 4.30 USD in economic return'
'WHO'

'SDG 6 cannot be achieved without **corporate action**'
'UNDP'



About us, GENAQ

At GENAQ we work eagerly to provide a **solution** to water crisis by developing and manufacturing our **Atmospheric Water Generators**.

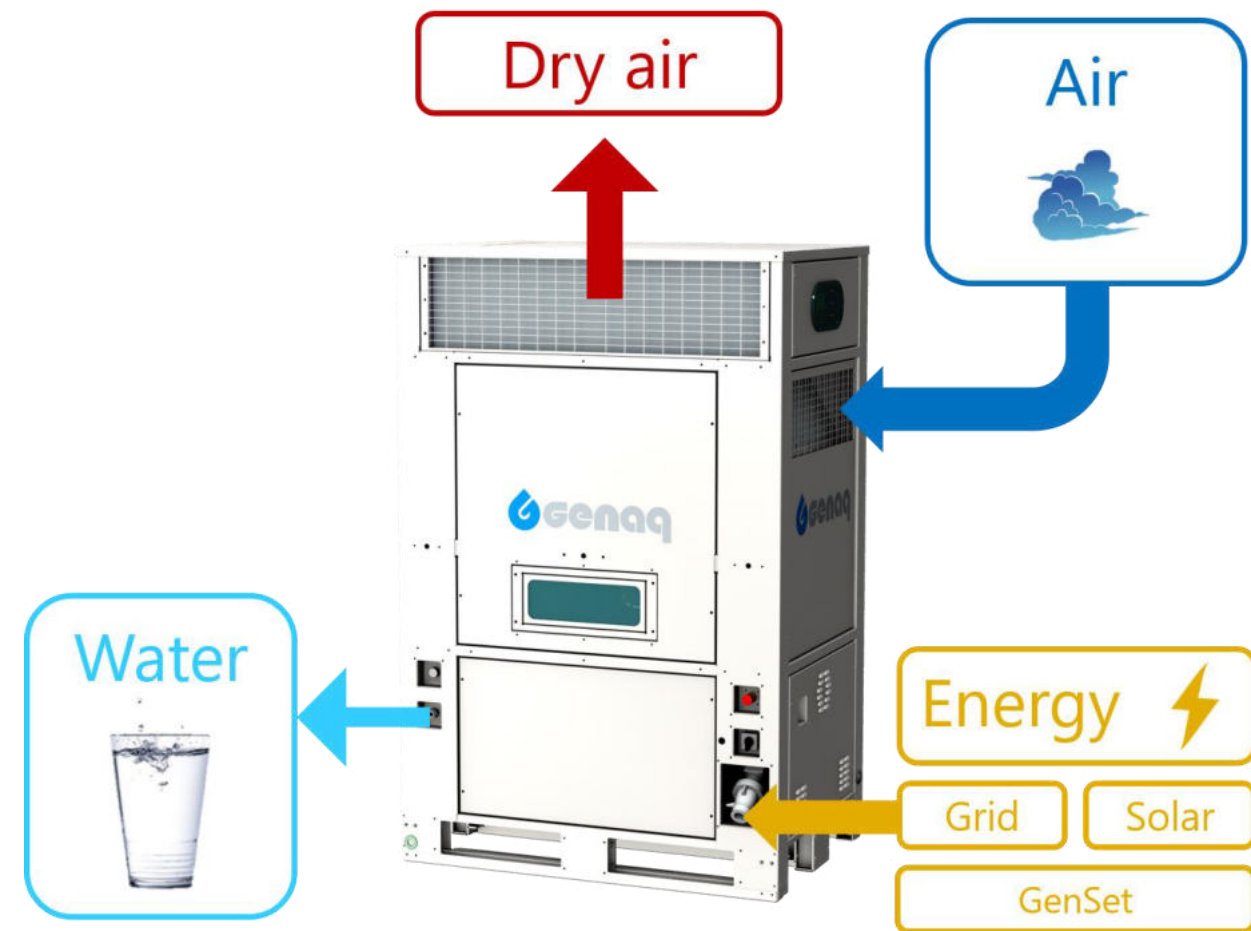
We want to have **a real impact** in traditional water management with a **technology-based** solution.

We provide access to **quality drinking water** for all, at **low cost**, in a **sustainable** way. Even in situations without access to a previous water source.

**SUSTAINABLE
DEVELOPMENT GOALS**



Our solution - Atmospheric Water Generation



How it works?

- Replicates the natural process of rain
- Condenses water from humidity in the air
- Uses refrigeration technology
- 4-Stage water treatment
- Just air and a source of energy are needed



Sustainable. No natural resources exploited. Compatible with renewable energy. No waste.



Safe drinking water. According with WHO, EU and EPA water standards.



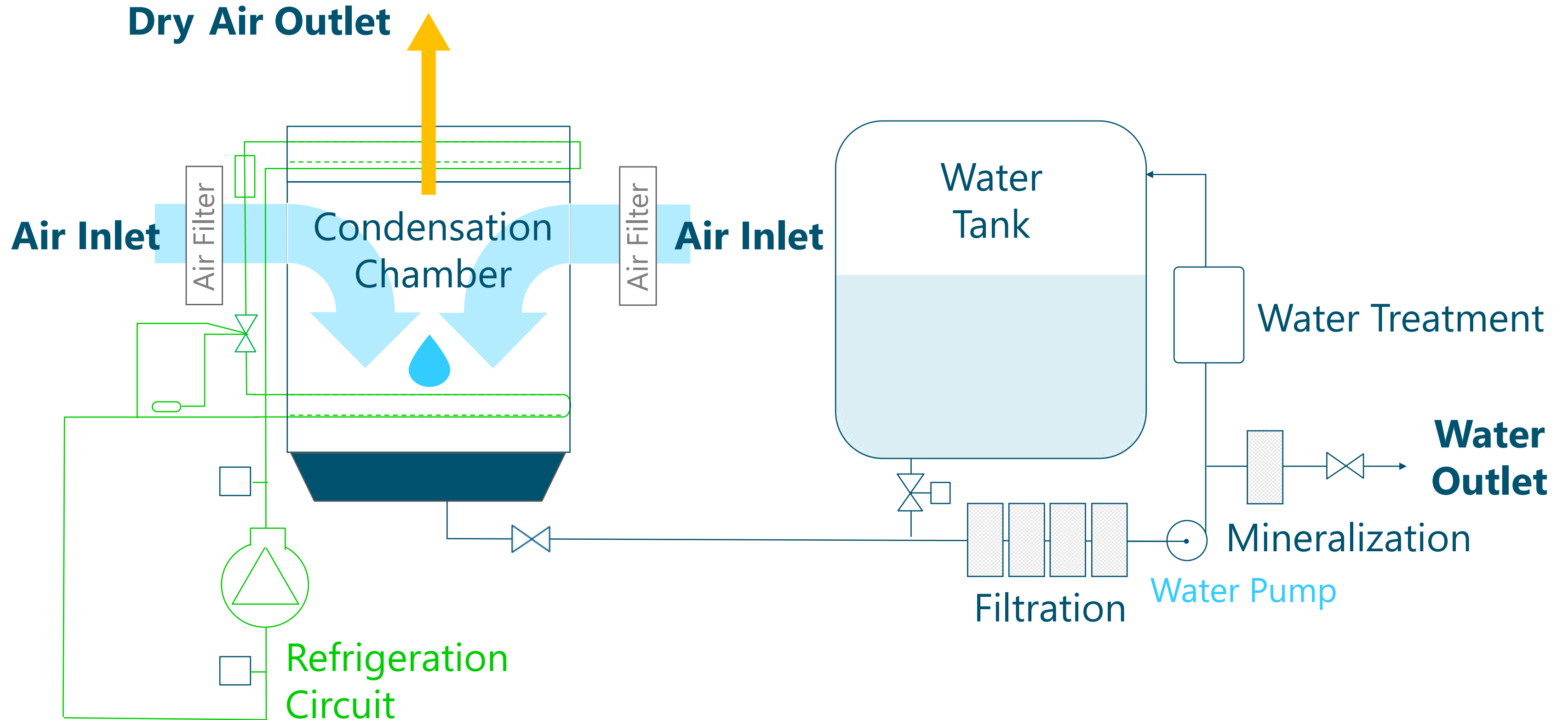
Efficiency. Low power consumption. Low cost per liter
Performance **tested and certified by TÜV Rheinland**



Autonomous. No previous water source needed. No installation. Minimum maintenance required.



Technology - Working Scheme



Technology - Applications

Emergencies

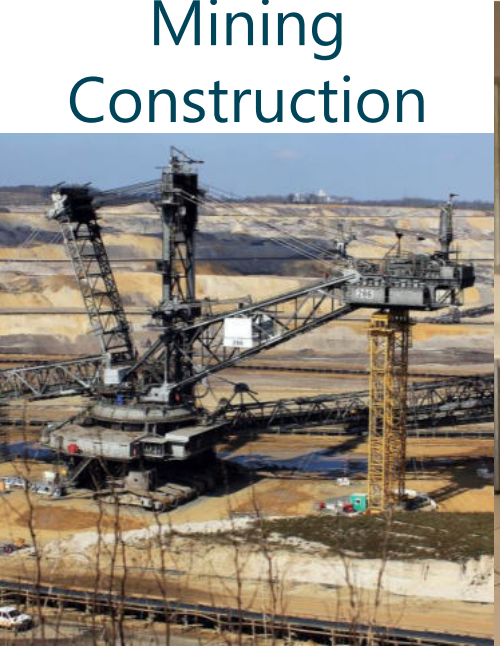
Industrial

Commercial

Large scale



Camps



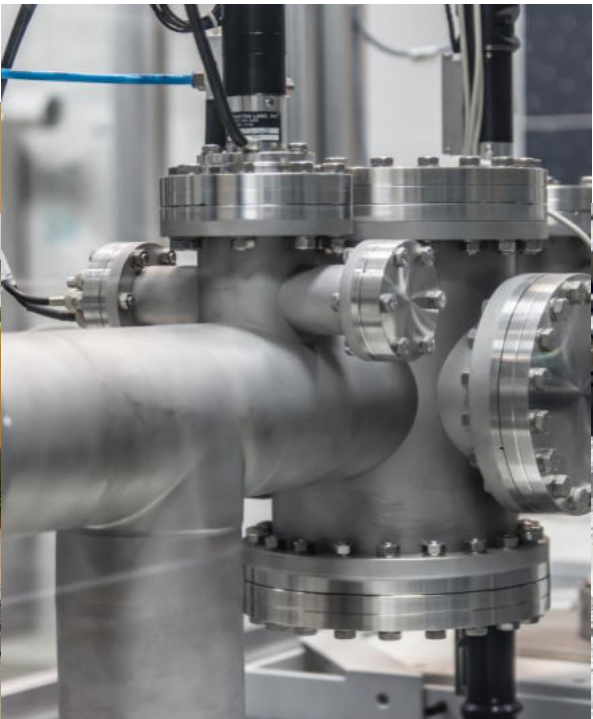
Mining
Construction



Offices



Communities



Industrial
processes



Disaster
Relief



Offshore



Agritech



Exhibitions



Restaurants



Residential water supply



Vessels

Remote
Locations

Generators - Features



Pure Drinking Water



Low Cost



Environmentally-friendly



Connected



Relative Humidity [C]	Generation [litres/day]									
	55	50	45	40	35	30	25	20	15	10
100	-	-	8435	8187	5687	4628	3531	2270	1161	556
90	-	-	8351	6902	5530	4737	3532	2207	1132	548
80	-	16421	8263	5396	5432	4537	3125	2045	1047	520
70	8566	6368	4963	3913	3043	2304	1731	1185	658	438
60	8628	6322	5961	5235	4471	3323	2366	1659	976	306
50	8678	6034	5327	4528	3450	2367	1595	953	452	176
40	8534	4936	4159	3085	2296	1608	1066	524	228	58
30	3824	3141	2497	1965	1394	788	474	232	69	34
20	1905	1648	1109	795	524	308	145	42	-	-
10	684	593	413	245	122	47	-	-	-	-



Tested and Certified



Autonomous



Water Dispenser

Designed as Water Dispensers to supply the purest drinking water in **houses, hotels, hospitals, offices, restaurants...**

- No installation, no plumbing
- No storage space
- No waste
- Several water purification options available



50

200

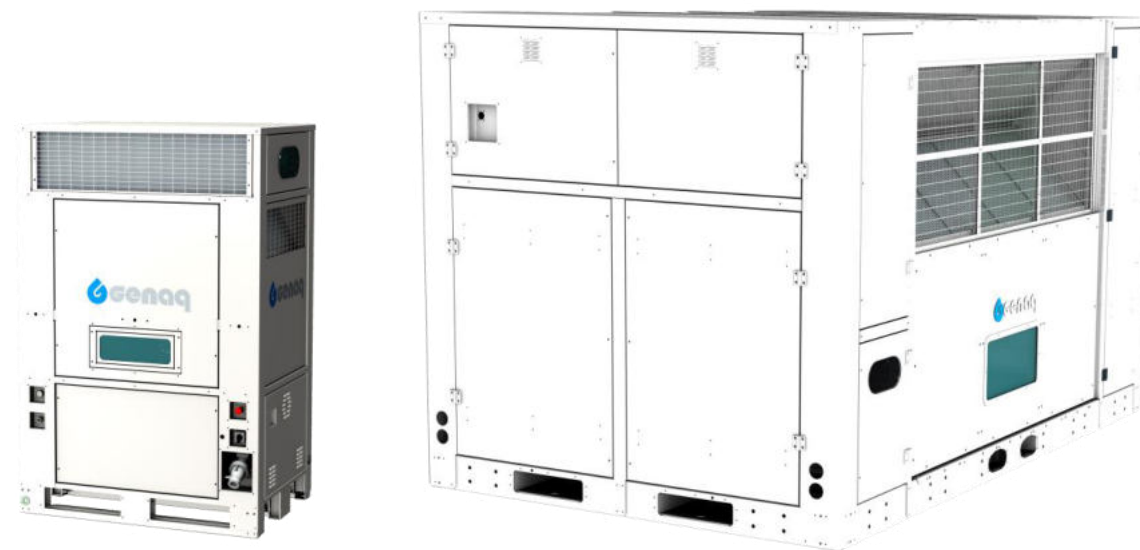
Nominal Generation (liter per day)	52	201
Nominal Consumption (kWh per liter)	0.42	0.36
Nominal Power (kW)	0.7	2.5
Dimensions (mm) (Height, Width, Depth)	1500 400 515	1765 595 710
Weight (kg)	105	185
Cold/Hot Water	Optional	Optional
Compatible with Solar	AC or DC	AC or DC
Internet of Things	Optional	Optional
Safe External Tank	No	No
Containerized with genset	No	No



Remote Supply

Designed in Remote Supply format with improved efficiency to supply drinking water in **oil rigs, mines, construction sites, remote facilities...**

- Standard dimensions
- Optimized efficiency
- Extreme environmental conditions up to 55°C
- Keeps external tank water safe
- Several water purification options are available.



n500

n4500

Nominal Generation (liter per day)	504	4537
Nominal Consumption (kWh per liter)	0.24	0.24
Nominal Power (kW)	4.1	35
Dimensions (mm) (Height, Width, Depth)	1800 795 1180	2170 2380 3420
Weight (kg)	380	2200
Compatible with Solar	AC	AC
Internet of Things	Included	Included
Safe External Tank	Yes	Yes
Containerized with genset	No	Optional

Emergency Response

Designed in Emergency Response format structurally strengthened to supply drinking water in **disaster relief, military and humanitarian camps...**

- Structurally reinforced and easy-to carry features
- Extreme environmental conditions up to 55°C
- Keeps external tank water safe



e50 **e500** **e5000**

	e50	e500	e5000
Nominal Generation (liter per day)	52	573	5192
Nominal Consumption (kWh per liter)	0.42	0.26	0.32
Nominal Power (kW)	0.7	4.7	50
Dimensions (mm) (Height, Width, Depth)	1050 390 575	1110 1095 1300	2170 2380 3420
Weight (kg)	70	337	2200
Compatible with Solar	AC or DC	AC	AC
Internet of Things	Optional	Included	Included
Safe External Tank	Optional	Yes	Yes
Containerized with genset	No	No	Optional



'La Guajira' Project



Location	Poportín, La Guajira (Colombia)
Community	30 people
Need	1.5 liters per person
Relative Humidity	73.2%
Temperature	28.3°C

Genaq stratus s50

Generation 49 liters/day
Cost per liter 0.03 USD
Total daily cost 1.5 USD



Affordable access to quality drinking water



Community **autonomy** allowing water **self management**



Supply **on the premises** without civil works



Easy operation
Minimum maintenance



Some references



Remote Community
Colombia



Community
Chile



Hurricane Maria
Puerto Rico



Community
Colombia



Office
Malaysia



Community
Chile



Sport Centre
Spain

Some references



Navy
Nigeria



Police Office
Pakistan



Military Camp
US



Emergency Relief
US



Military Base
Malaysia



Humanitarian Camp
Portugal



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