

# Corporate Overview



# 01 About us



At GenaQ we create **water from air**.

Since 2008, we design and manufacture Atmospheric Water Generators, an innovative solution that replicates the natural process of rain to provide access to quality drinking water.



## KEY FACTS

**35**

years of experience in  
climatization and heat-  
exchange technology

**65,000**

sqm of state-of-the-art  
facilities in Lucena (Spain)

**+70**

countries where we have  
developed projects

# Our History



GENAQ belongs to **KEYTER Group**, which was promoted by businessmen, managers and technology specialists drawing on their industrial refrigeration and climatization expertise since 1986

First prototype developed



2007

2008

GENAQ is launched! Company, brand and products



2013

2017

2019

New R&D facilities



NextGen Technology  
xTech award by US DoD  
Renewed Corporate Image



Development of the first generator with natural refrigerants



Countries

**INTARCON**

**KEYTER**

Refrigeration

Air Conditioning

Seal of Excellence by the EU

Sustainable Initiative of the Year award

Historic milestone: <0.2 kWh per liter



And throughout, funding, accolades and awards recognizing and supporting our effort



# Our response to a pressing challenge



**40%**

of the world's population has no access to clean water



**93%**

of plastic bottled water contains microplastics



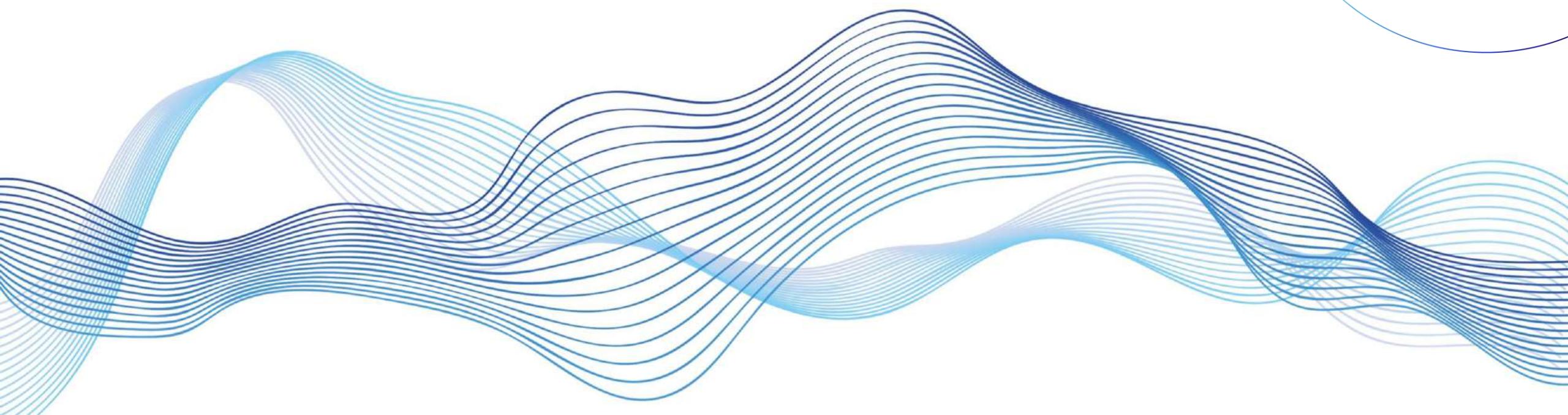
**12 million**

tonnes of plastic are poured into the ocean every year



For GENAQ, access to safe drinking water is a universal right: we are devoted to the expansion of an innovative solution that drastically reduces plastic consumption and preserves natural resources of water

## 02 Our technology

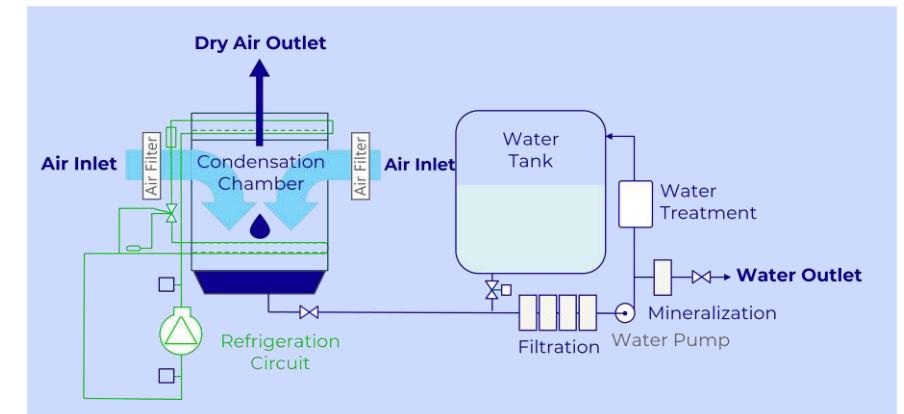


## A natural process engineered by technology

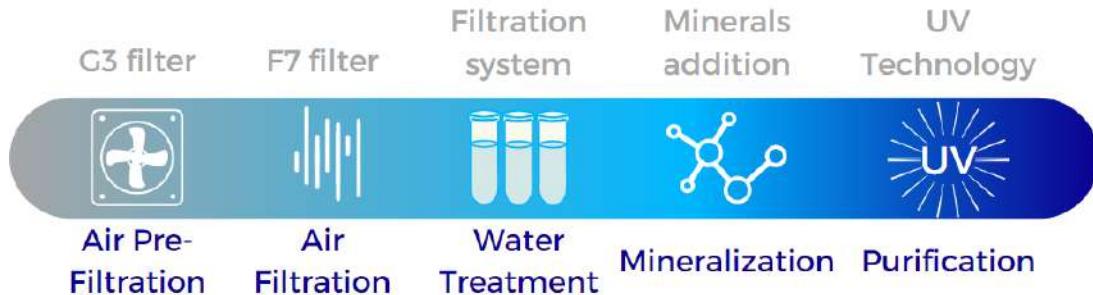


GENAQ simply imitates nature, shortening the water cycle.

Our AWGs filter air from the atmosphere and extract its humidity in a condensation chamber. The water generated then follows a water treatment system, providing ready-for-consumption drinking-water.



GENAQ's water quality is always ensured through a thorough 5-stage system:



GENAQ's AWGs offer a complete solution that can be







100% in-house design and manufacture



EU-manufactured



Highest efficiency in the market

A dedication to quality duly



- certified



## GENAQ's commitment to accuracy

We take accuracy and transparency very seriously, that is why we have developed our certified Climate Chamber.

Thanks to it, we can replicate the weather conditions of any location, offering precise estimations regarding water generation and energy consumption.

 Tested

 Certified

 Validated



## Commercial



Offices  
Hotels  
Restaurants  
Homes  
Hospitals  
Public premises

## Industrial



Industrial sector  
Remote Facilities  
Off grid buildings  
Construction sites  
Power plants  
Mines & Oil rigs

## Emergencies



Disaster Relief  
Humanitarian Aid  
Civilian Camps  
Military Camps  
Development Aid

## Large Scale

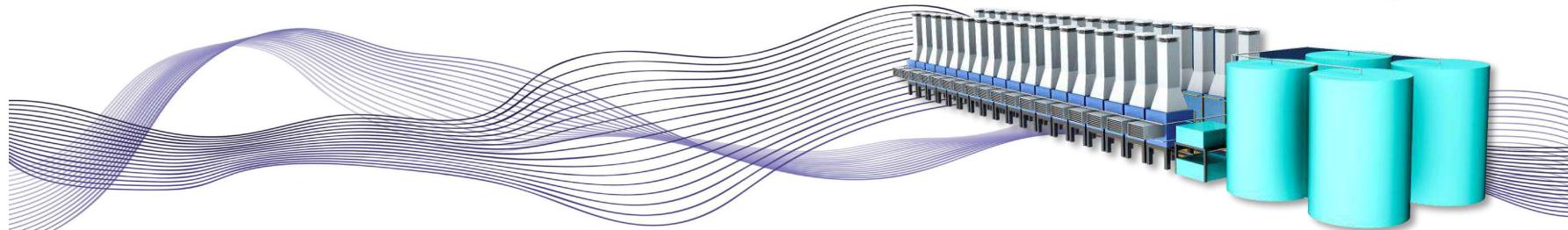
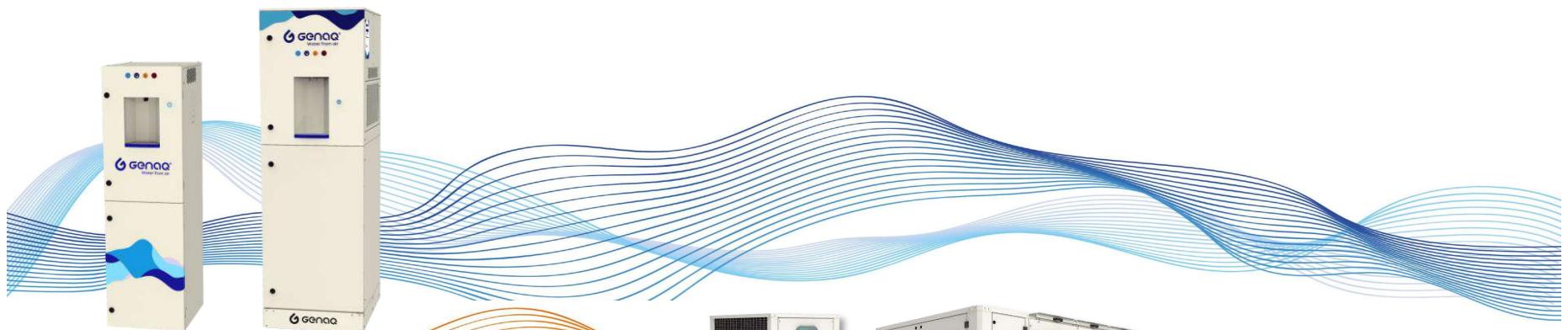


Residential Water Supply  
Food Industry  
Industrial Processes  
Bottling Plants  
Customized Projects

## 03 Our solutions



# Our generators



# GENAQ Stratus: Water dispensers

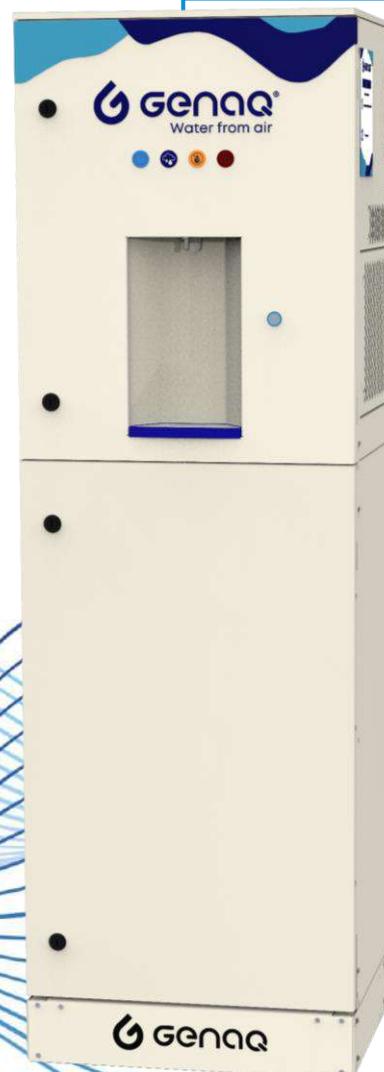


## STRATUS S50 by GENAQ

Generation\*  
**59 L/day**  
Consumption\*  
**0.39 kWh/L**  
Power  
**0.9 kW**



## STRATUS S200 by GENAQ



Generation\*  
**202 L/day**  
Consumption\*  
**0.19 kWh/L**  
Power  
**1.6 kW**



GENAQ Stratus generators are designed as a water dispenser.

Get rid of bottled water and generate the purest water, free of chemicals and in a sustainable way.

\*Nominal conditions (30°C 80% RH)

# GENAQ Nimbus: Remote supply



**nimbus n500**  
by GENAQ

Generation\*  
**506 L/day**  
Consumption\*  
**0.24 kWh/L**  
Power  
**5.1 kW**



**nimbus n4500**  
by GENAQ

Generation*	Consumption*	Power
<b>4445 L/day</b>	<b>0.22 kWh/L</b>	<b>40.8 kW</b>



GENAQ Nimbus range ensures pure drinking water supply no matter where you are.

Become autonomous and forget about logistics and complex installations at your premises. An off-grid solution that will allow you to reduce your costs and your environmental impact.

\*Nominal conditions (30°C 80% RH)



Generation\*  
**52 L/day**  
Consumption\*  
**0.42 kWh/L**  
Power  
**1 kW**



Generation\*  
**502 L/day**

Consumption\*  
**0.26 kWh/L**

Power  
**5.5 kW**



GENAQ Cumulus generators are designed with reinforced structure and portability features, to supply high quality drinking water.

Become independent from any uncontrolled water source and ensure your drinking water availability in any situation.

## CUMULUS C5000

Generation\*  
**5091 L/day**  
Consumption\*  
**0.26 kWh/L**  
Power  
**55.2 kW**



\*Nominal conditions (30°C 80% RH)



## Lower CAPEX

Reduction in redundancy

## Lower OPEX

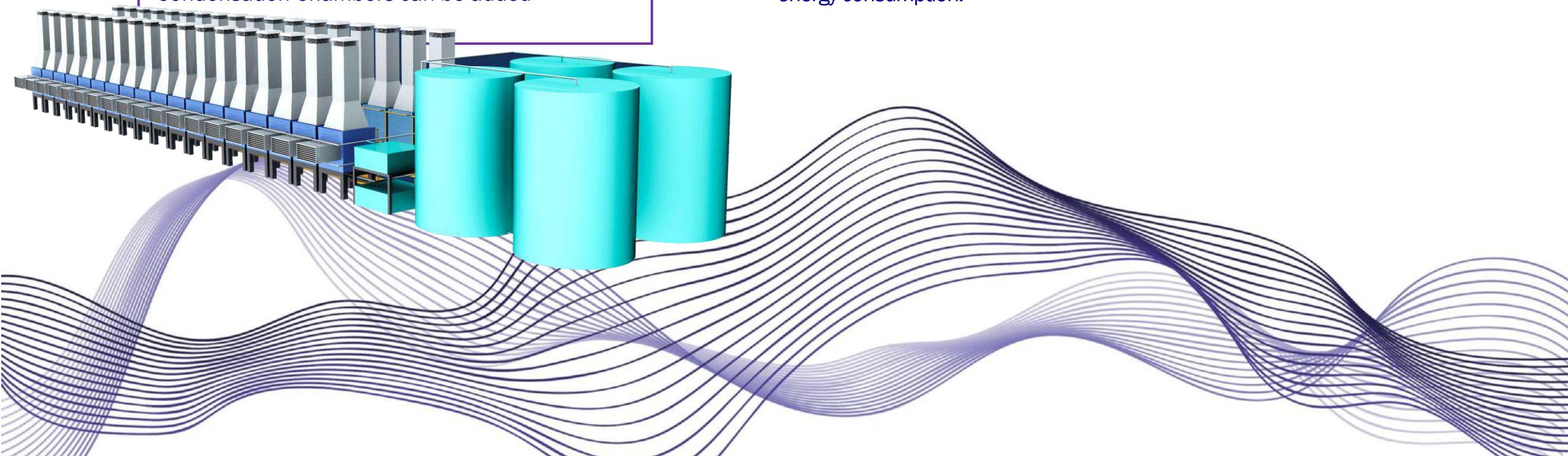
Accurate control

## Scalable

Condensation Chambers can be added

AWGplants are tailored projects that offer a solution to big scale high-quality water needs for residential water supply, bottling plants, industrial processes, etc. This solution has been optimized for both low investment and low operating cost per liter.

Our plants offer a unified and centralized refrigeration and water treatment system that can be fully customized, ensuring remote control and minimized energy consumption.



# 04 Case Studies



# Case Study – Oil Rig, Vietnam



Current solution:  
Bottled water

- 0.35 USD/liter
- Logistics
- Plastic waste
- High cost



Oil Rig, Vietnam  
26°C – 85% Relative humidity  
Need: 350 liters per day



**Savings: 3,600 USD/month  
ROI: 0.7 years**

Alternative:

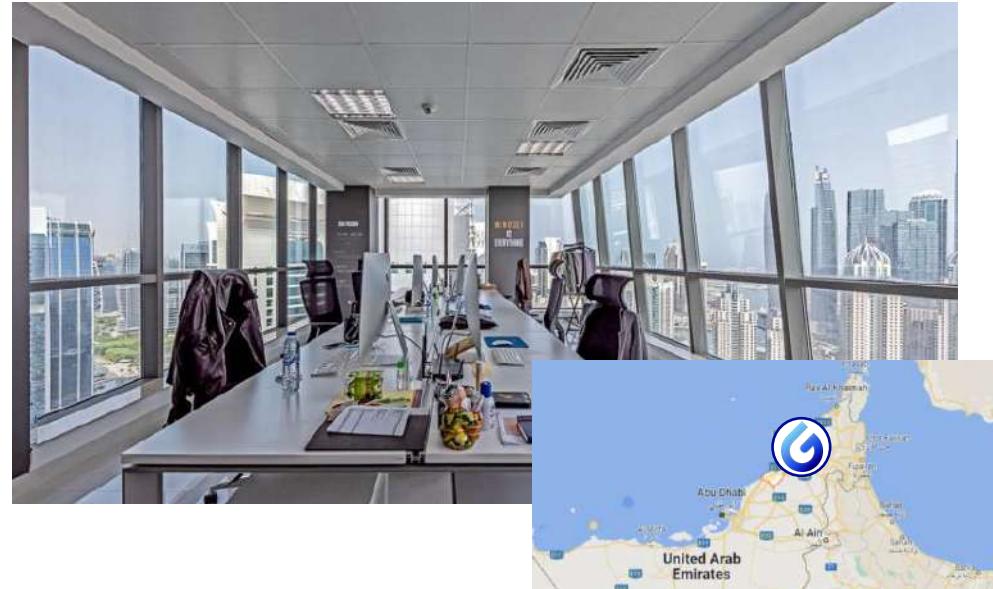


- 389 liters/day
- High-quality drinking water
- 0.04 USD/liter\*
- No logistics
- No installation
- Sustainable solution



\* Energy cost: 0.10 USD/kWh

# Case Study – Dubai Office, UAE



Current solution:  
Bottled water

- 0.35 USD/liter
- Logistics
- Plastic waste
- High cost



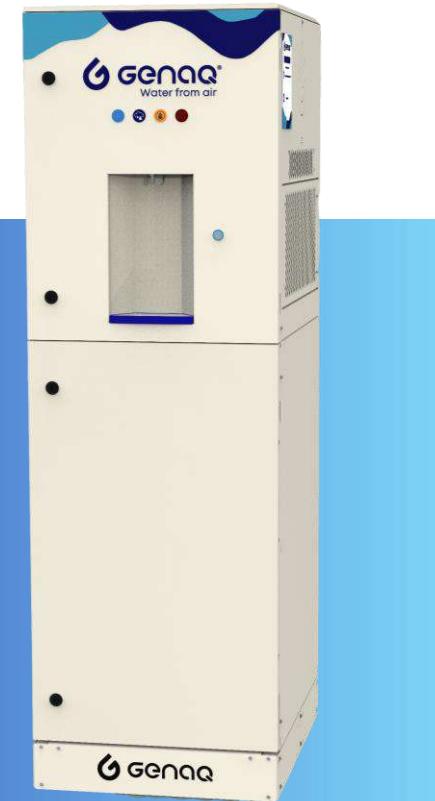
Office, Dubai, UAE  
22°C – 50% Relative humidity  
Need: 75 liters per day

**Savings: 850 USD/month  
ROI: 1.3 years**



Alternative:  
**STRATUS S200**  
by GenaQ

- 90 liters/day
- High-quality drinking water
- 0.04 USD/liter\*
- No logistics
- No installation
- Sustainable solution



\* Energy cost: 0.08 USD/kWh

# Case Study – Resort Bar, Bahamas



Current solution:  
Bottled water

- 0.20 USD/liter
- Logistics
- Plastic waste
- High cost



Resort, Bahamas  
28°C – 70% Relative humidity  
Need: 3,000 liters per day



**Savings: 14,000 USD/month**  
**ROI: 0.9 years**

Alternative:

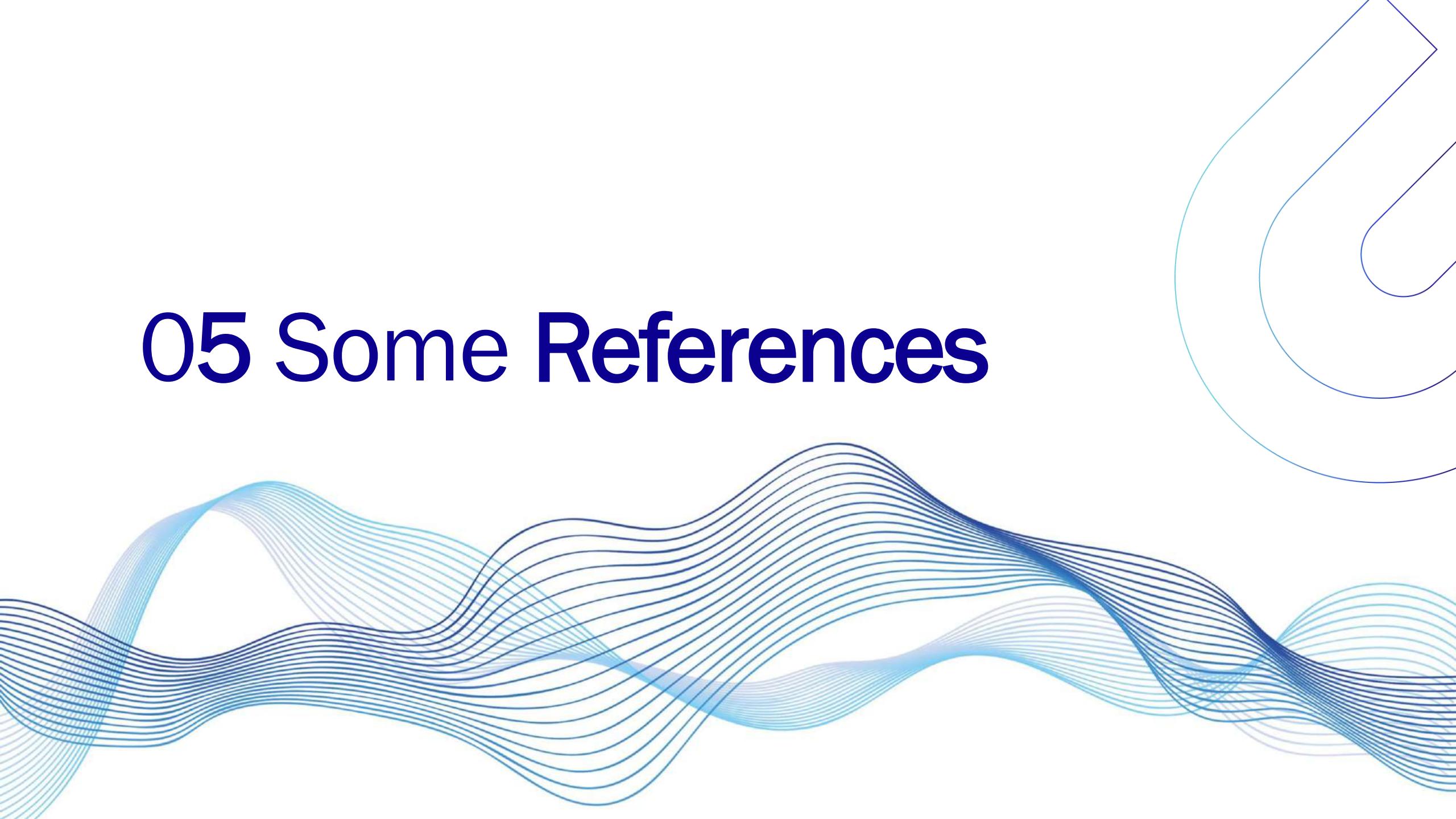


- 3,890 liters/day
- High-quality drinking water
- 0.08 USD/liter\*
- No logistics
- No installation
- Sustainable solution



\* Energy cost: 0.25 USD/kWh

# 05 Some References



# Defense

Stratus S50  
US Army – Djibouti



**G** GenaQ®

# Defense

Stratus S50  
Army – Malaysia

 GenaQ®



# Defense

Stratus S50  
Army – Panama



**G** GenaQ®



# Defense

Stratus S50  
Army – Senegal

GENAQ®



# Defense

Stratus S50  
Army – Spain



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# Defense

Stratus S200 - Solar  
Army - Malaysia

 GenaQ®



# Defense

Stratus S200  
Police – Pakistan



**G** Genaq®

# Defense

Nimbus N500  
Army - Spain

 GenaQ®



# Defense

Cumulus C50  
Army – Spain

 GenaQ®



# Defense

Cumulus C50  
Army - Pakistan

 GenaQ®



# Defense

Cumulus C50  
Navy – Nigeria

GENAQ®



# Defense

Nimbus N500

Army – Military Exercise

 GenaQ®



# Defense

JNTAPCON

Cumulus C500

Navy – Nigeria

GENAQ®



# Defense

Cumulus C500  
Military Camp – Portugal

GENAQ®



# Defense

Cumulus C500  
Military Camp – United States

 GenaQ®



# Defense

Cumulus C500  
Border Control – Panama

 GenaQ®



# Defense

Cumulus C5000  
Military Camp – United States

 GenaQ®



# Defense

Cumulus C5000

Military Camp – Morocco

 GenaQ®



# Disaster Relief

Stratus S50  
Spain

 GenaQ®



# Disaster Relief

Cumulus C500  
Puerto Rico



# Disaster Relief

Cumulus C500  
Valencia, Spain

 GenaQ®



# Disaster Relief

Cumulus C5000  
Jordan



# Disaster Relief

Cumulus C5000  
Madagascar

 GenaQ®



# Disaster Relief

Cumulus C5000  
Qatar



# Disaster Relief

Cumulus C5000  
UAE



# Disaster Relief Water

Cumulus C5000  
Puerto Rico

 GenaQ®



# Remote

Stratus S50

Community – Colombia

 GenaQ®



# Remote

Stratus S200  
Community – Chile



# Remote

Stratus S200

Refugee Camp – Jordan

 Genaq®



# Remote

Nimbus N500  
Community – Colombia



# Remote

Cumulus C500  
Community – Equatorial Guinea



**GENAQ**<sup>®</sup>

# Remote

Cumulus C500

Remote Facilities - Chile



## Oficina

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aprcahuil@yahoo.es



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# Remote

Cumulus C500  
Solar-Wind Farm - Spain

 GenaQ®



# Remote

Cumulus C5000 - Solar  
Remote Community - Djibouti

 GenaQ®



# Remote

Nimbus N500  
Orphanage – Kenya



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# Industry

Stratus S50  
Oil Rig - Australia



**G** GenaQ®

# Industry

Stratus S200  
Chocolate Factory – Honduras



**G** GenaQ®

# Industry

Stratus S200

Construction – Senegal

 GenaQ®



# Industry

Stratus S200

Construction – Spain



**G** GenaQ®

# Industry

Stratus S200

Construction – Portugal



# Industry

Stratus S200  
Oil&Gas – Panama

 Genaq®



# Industry

Stratus S200  
Power Plant – French Guiana

 Genaq®



# Industry

Stratus S200  
Oil Vessel – South China Sea



GENAQ®

# Industry

Nimbus N500  
Construction – French Guiana

 GENAQ®



# Industry

Cumulus C50  
Construction – Iraq

 GenaQ®



# Industry

Cumulus C50

Construction – Senegal

 GENAQ®



# Industry

Cumulus C500  
Palm Plantation - Malaysia

 GenaQ®



# Industry

Cumulus C5000  
Construction – Portugal



# Offices

Stratus S50  
Morocco



# Offices

Stratus S50  
Mexico



# Offices

Stratus S50  
Oman

 GenaQ®



# Offices

Stratus S50

Office – Philippines

 GenaQ®



# Offices

Stratus S50  
Spain



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# Hospitality

Stratus S50

Beach Bar - Morocco

Ocean Vagabond GenaQ®



# Hospitality

Stratus S50  
Beach - Colombia

 GenaQ®



# Hospitality

Stratus S50  
Hotel - Hawaii

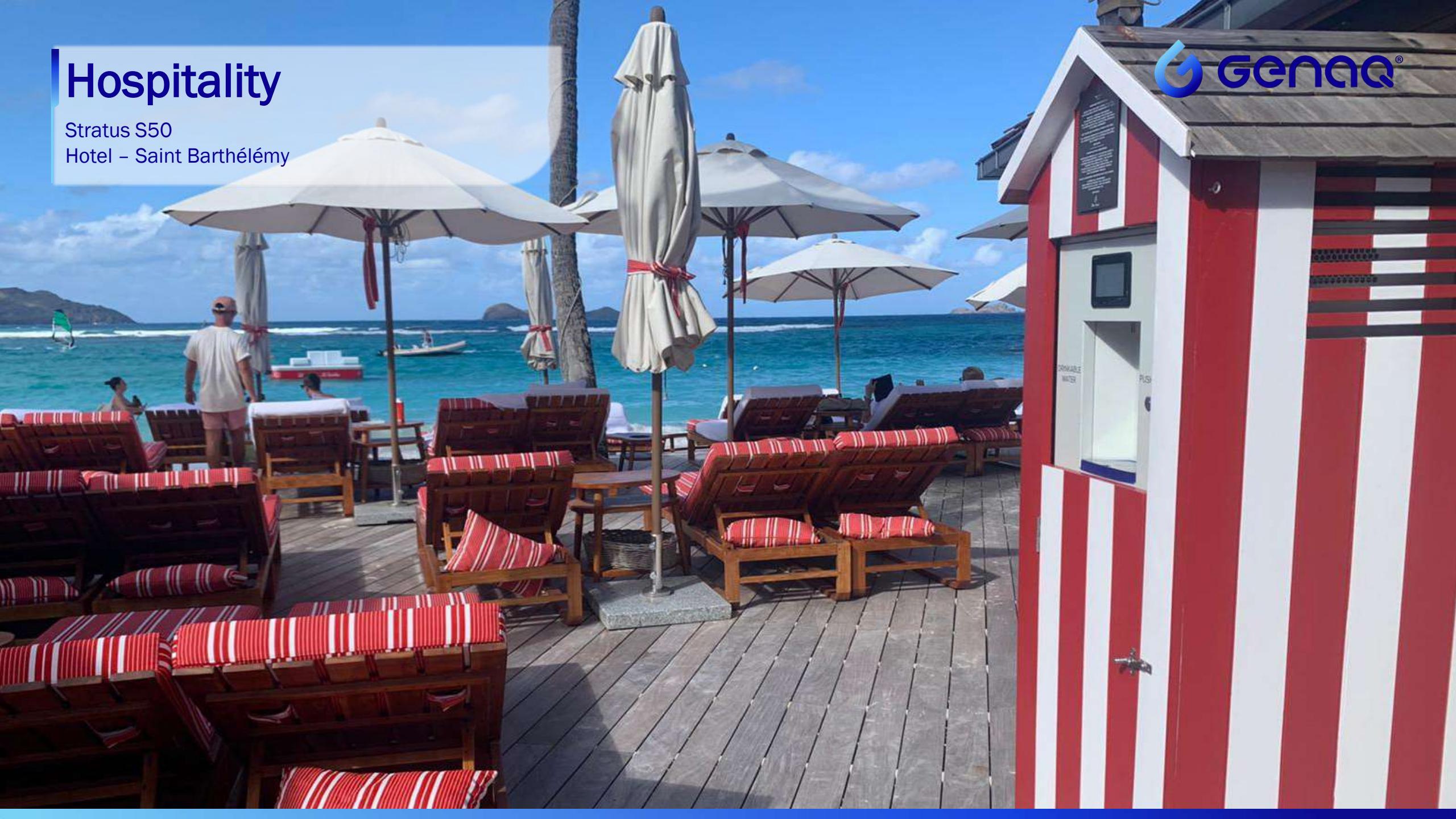


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# Hospitality

Stratus S50  
Hotel – Saint Barthélémy

 GENAQ®



# Hospitality

Stratus S50

Restaurant – Mexico

GENAQ®



# Hospitality

Stratus S50  
Restaurant – New Caledonia



# Hospitality

Stratus S200  
Hotel – Spain

 GenaQ®



# Hospitality

Nimbus N500  
Hotel - Hawaii



# Residential

Stratus S50  
House - Malaysia

 Genaq®



# Residential

Stratus S50  
House - Spain



**G** GenaQ®

# Residential

Stratus S50  
House – Saint Barthélémy

 GenaQ®



# Residential

Stratus S50 – Solar  
House - Mexico

 GenaQ®



# Residential

Nimbus N500

Country House - Spain



# Residential

Cumulus C50 - Solar  
Country House - Spain

 GENAQ®



# Residential

Cumulus C500  
Sustainable House - Mexico



# Residential

Cumulus C500  
Sustainable House - Spain



# Other Applications

Stratus S50  
Golf Course - Spain

 GenaQ®



# Other Applications

Stratus S50 and S200

Marina – Saint Barthélémy



# Other Applications

Cumulus C50  
Mobile Home

 GenaQ®



# Other Applications

Stratus S200  
School – Benin

 GenaQ®



# Other Applications

Nimbus N500  
School - Fidji

 GenaQ®



# Other Applications

Stratus S50 and S200  
University – Greece

 GenaQ®



# Other Applications

Stratus S50

Sport Center – Spain



# Other Applications

Stratus S50  
Gym – Cuba

 GenaQ®



# Other Applications



Stratus S200  
Vaccination Center – Malaysia



# Other Applications

Stratus S50

National Park - Argentina



# Other Applications

Stratus S50  
National Park - Spain



# Other Applications

Stratus S50  
Expo - Cuba



**G** GenaQ®

# Other Applications

Stratus S200  
Events

 GenaQ®



# Other Applications

Cumulus C500  
Events – Panama

 GenaQ®



# Other Applications



Stratus S200

Events - European Union Booth





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