

CONFIDENTIAL



AquaTower

AquEver 2040

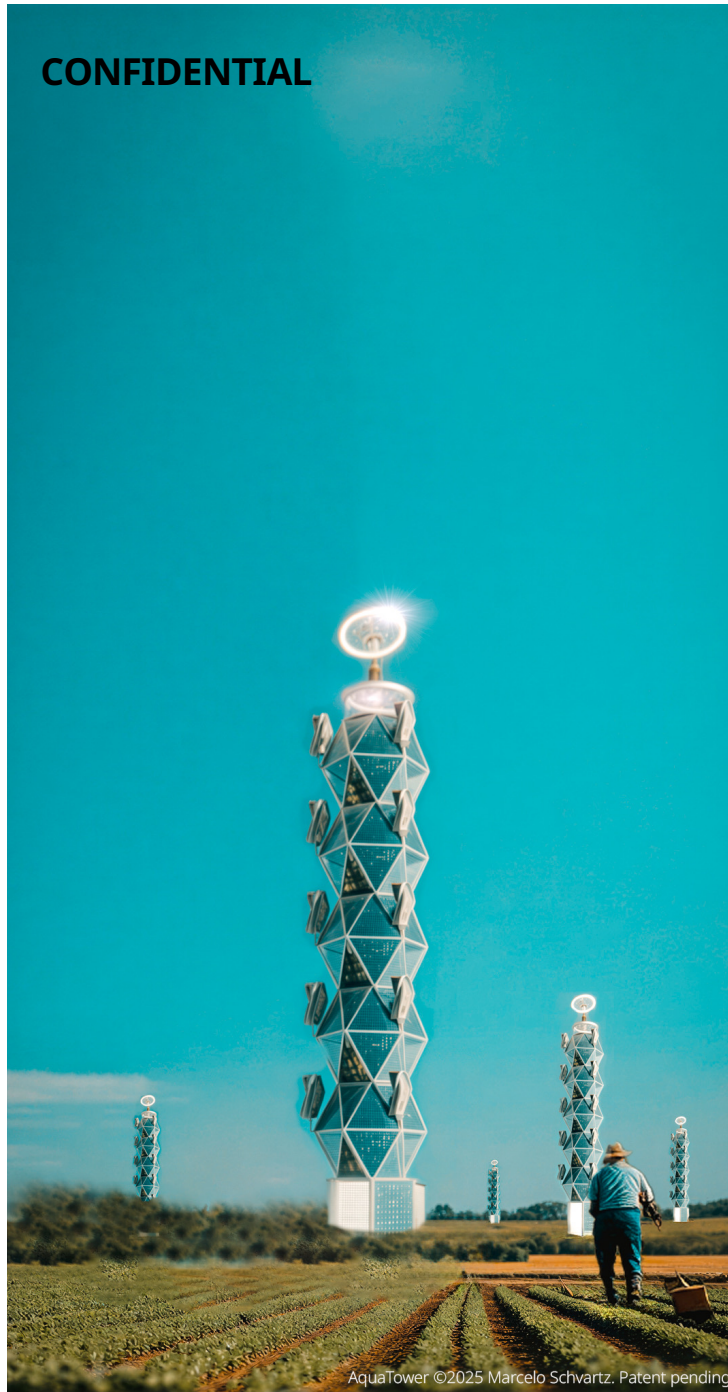
Water should not depend
on pipes or rain

We've completed the first quarter of the 21st century;
We harvest energy from the sun and explore the universe,
yet access to water is still one of humanity's most fragile frontiers.

At utopy.tech we generate it from the air
using the sun and the wind

Part of **AquEver 2040** initiative: universal access to clean water before 2040

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AquaTower ©2025 Marcelo Schwartz. Patent pending

The world has entered a water stress era

2.3B

LIVE UNDER WATER SCARCITY

Climate

THREATENS WATER-SECURE
REGIONS

Compete

AGRICULTURE VS CITIES

The challenge: we need water generation that is
[local](#), [autonomous](#), and [renewable](#)

Independence from rain, pipes, or grids

AquaTower

AUTONOMOUS HYBRID ATMOSPHERIC WATER GENERATOR

AquaTower condenses water directly from ambient air through a hybrid renewable system combining solar thermal, photovoltaic, and wind energy.

Off-grid 100% OPERATION

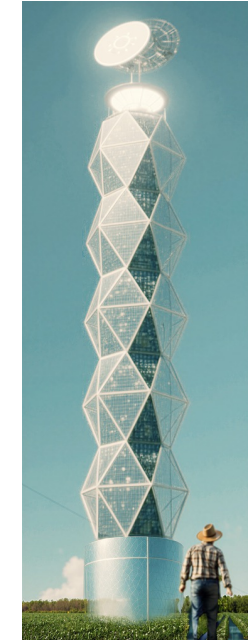
1,500 L PER DAY PRODUCTION

Zero EMISSIONS

20 years LIFESPAN

DESIGNED TO SERVE

Households, farms, communities, and industries that need a reliable, independent source of clean water.



Why AquaTower Is Better

ASPECT	AQUATOWER	DESALINATION	WELLS & PUMPS
Energy Source	100% renewable (solar+wind)	High grid energy demand	Fossil fuel or electric
Location	Anywhere with humidity	Coastal only	Limited by aquifers
Water Quality	Drinkable, no brine	Saline residues	Often contaminated
Scalability	Modular, portable	Centralized	Resource-depleting
Maintenance	Predictive IoT-based	Industrial	Manual / uncertain

AquaTower delivers clean water with [no pipes, no waste, no dependency](#)
— just air, sun, and wind.

Use Cases & Applications

Versatility across contexts

Rural & Coastal Communities

Off-grid water supply for regions without reliable infrastructure, providing autonomous access to clean drinking water.

AquaTower Greenhouse (ATG)

Irrigation and humidity control for sustainable food production, enabling agriculture in water-scarce environments.

Urban Resilience Systems

Backup water generation for climate adaptation in cities, reducing vulnerability to droughts and infrastructure failures.

Recreational & Tourism

Complementary water source for facilities, reducing environmental impact and consumption from traditional sources.

Each installation contributes to climate adaptation and water independence

Global Validation

2026 PILOTS

ES

Focus: Technical validation
Partners: CDTI, universities

Spain

KE

Focus: Humanitarian access
Partners: AfDB, UN-Habitat

Kenya

AR

Focus: Semi-arid agriculture
Partners: INTI, MinCyT

Argentina

VN

Focus: Tropical resilience
Partners: ADB, MONRE, HCMUT
9 towers · 9,000 L/day · vineyards, villages, schools

Vietnam*

* Pilot project available on demand.

AquaTower adapts to every climate, culture, and community need

Market & Impact

Business model and global reach

MARKET SIZE

€25B

Global water generation market, growing 7% annually
Spain + Mediterranean: accelerating water scarcity
→ fastest-growing AWG early adopters.

PRIMARY SEGMENTS

Water-scarce regions
Climate-resilient agriculture
Tourism facilities
Smart cities

SECONDARY SEGMENTS

Humanitarian supply
Disaster recovery
Industrial redundancy

BUSINESS MODEL

Hardware sales
Maintenance contracts
Technology licensing

IMPACT GOALS

WATER ACCESS

1M+ people
by 2030

CENTRALIZED SYSTEMS

Reduced dependence

AGRICULTURE

Enable arid zone farming

Team & Leadership

Marcelo Schwartz – Founder & Systems Designer

Architect specialized in sustainable systems, mechanical innovation, and renewable energy integration. Founder of utopy.tech, creator of AquaTower and AquEver 2040.

Jose Luis Gomez– Lead Mechanical Engineer

25+ years in industrial machinery, fluid systems, robotics and agricultural water products.

Advisory Board (In formation)

Strategic experts in renewable energy, investment, and global partnerships.

utopy.tech (In formation)

Future holding entity for AquaTower IP and commercialization.

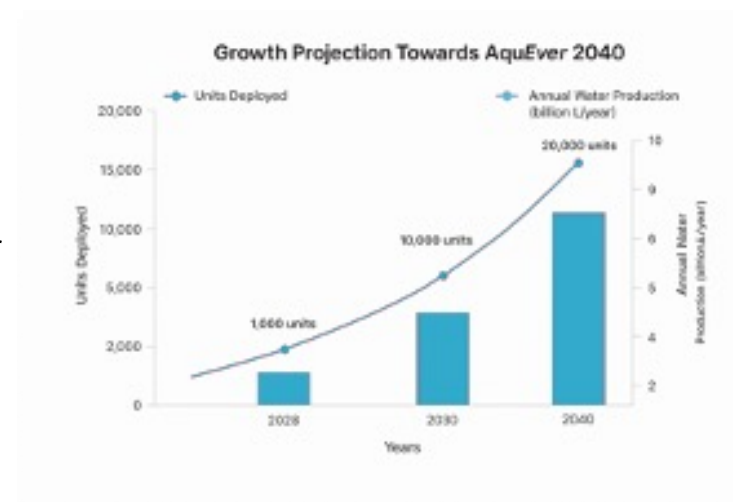
A team shaped by design thinking, guided by engineering, and driven by purpose

AquEver 2040

FROM ONE TOWER TO A GLOBAL NETWORK



AquEver 2040 is our mission to deploy 20,000 AquaTowers, generating over 10 billion liters of clean water every year using 100% renewable energy.



We're not just building machines — we're building resilience

Technology Overview

Hybrid Atmospheric Water Generator

PRINCIPLE

AquaTower condenses atmospheric humidity using a hybrid renewable system combining solar thermal, photovoltaic, and wind energy.

CORE ELEMENTS

- Solar collector: heats external airflow
- Vertical turbines: drive forced convection
- Condensation core: thermoelectric hybrid
- Filtration module: UV + activated carbon

OUTPUT RANGE

600-1,500

L/day in average conditions

ENERGY AUTONOMY

Fully renewable, 24h cycle balance

DESIGN LIFE

>20 years, modular architecture

Nature-inspired efficiency — transforming air into water through renewable equilibrium

Validation & Development Status

Technical Readiness – Q4 2025

COMPONENT STATUS

Condensation Module

Completed; components dimensioned and selected

Hybrid Power System

Energy balance validated through simulation

Thermal Paraboloid

Construction drawings finalized

Filtration & Mineralization

Commercial components configured

Control & IoT Monitoring

System architecture defined

PATENT & BRAND (IP)

Rectified submission filed with OEPM;

PCT strategy defined

NEXT MILESTONE (2026)

- Integration into AquaTower Home prototype
- Field validation during Spain pilot
- Fabrication and testing in Vietnam
- EU drinking water certification

TRL:

Currently TRL 3–4, with the system architecture, calculations and component sizing completed. Prototype construction scheduled to begin Q3 2025, leading to the first field demonstration (300 L/day) by end 2025 and full pilot operation (1,200 L/day) in Q2 2026.

From concept to validation — engineering precision meets renewable innovation

Join Us

BUSINESS

SEED ROUND 1+2

€1-2M

FOCUS

Industrialization + Pilots (2026)

EXPECTED MARGIN

30-40%

COST PER UNIT

€20,000

IMPACT

PEOPLE SUPPLIED

+100 per tower

CO₂ AVOIDED

1.2 tons

annually per unit

LIFECYCLE

20 years

UN SDGS



Each AquaTower changes lives. Together, we can change entire regions
and ensure [clean water becomes a universal right](#)

Thank you

*Because water should not depend
on pipes or rain*