



# **ACS Pre-Sale Pitch Deck & Executive Summary**

**Aqua Clear Solutions Technology Limited**

**[www.aquaclearsolutions.eu](http://www.aquaclearsolutions.eu)**

# A Welcome from Our CEO.

Developed with the Support of:



Dear Partners,

Innovation and humanitarianism often go hand in hand. Access to clean water is not only a basic human right but also crucial for economic, political, and social well-being.

Many of the world's most disadvantaged communities live in regions with little rainfall and limited access to clean water—a resource many of us take for granted. Rising global energy costs make desalination prohibitively expensive for all but the wealthiest nations.

Geopolitical instability, droughts, inequality, and mass migration are growing challenges. Aqua Clear Solutions' heliotropic, reverse osmosis desalination technology offers a unique, IP-protected solution: self-energised, cost-effective, and low maintenance, providing a breakthrough in sustainable water access.

By combining Aqua Clear Solutions' technical expertise with Eureka B15's fundraising and global reach, we are bringing a ready-to-deploy desalination solution to market. This innovation benefits communities in need, governments, NGOs, supranational organisations, and private enterprises alike.

We warmly invite you to join the Aqua Clear Solutions International Project. Together, we can deliver meaningful impact while offering investors a strong return via our real-world asset-linked **AQUA EUREKA COIN**.

**We hope that you find the contents of this pitch deck interesting and we looking forward to working with you!**

Warm regards,

**Heinz Peter Platzer – Chief Executive Officer**

**Disclaimer:** This presentation and accompanying white paper are for informational purposes only and do not constitute an offer to sell, or a solicitation of an offer to buy, any securities or investment products. The content includes forward-looking statements and projections that are subject to risks, uncertainties, and assumptions. Actual results may differ materially. Investors should conduct their own due diligence and seek independent professional advice before making any investment decisions. Past performance is not indicative of future results, and all investments carry risks, including the potential loss of capital. Please also note that some images, content points and projected data sets are for illustrative purposes only.

# Executive Summary: Aqua Clear Solutions – Closing the Global Water Gap Through Innovation and Ethical Investment.

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**Breakthrough Technology:** ACS combines heliotropic mirrors, Concentrated Solar Power, high-intensity PV, and thermal distillation to deliver zero-emission, solar-powered desalination with near-complete heat recovery and no brine discharge.



**Global Water Impact:** Addresses critical water scarcity; scalable for agriculture, municipal, industrial, and tourism applications, reducing water use and boosting yields.



**Business Model:** Deploys after securing long-term water purchase agreements; modular systems allow rapid deployment via containerized delivery, with pipelines for larger installations.



**Tokenized Investment:** ACS Security Token (EU MiCA & UK FCA compliant) links investors to real-world water production, revenue sharing, governance, and early access rights.



**Financial Potential:** Pilot plant (€6.5M CapEx, €350k/year OpEx) generates €70k profit/year, with multi-tower, larger-scale deployment significantly increasing returns.



**Roadmap & Risk Management:** 2025 pilot completion and token launch; expansion to MENA & Southern Europe by 2027; 50+ sites by 2030 / mitigating technical, regulatory, supply chain, and market risks through diversified strategies and conservative modelling.

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# The Problem: Global Water Scarcity – A Systemic Challenge.

In short, worldwide water accessibility is a major problem with wide reaching effects.

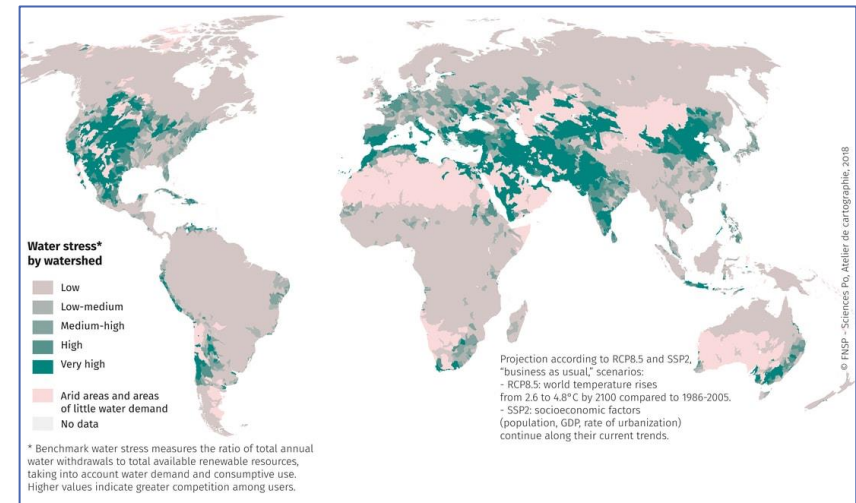
More than 2.2 billion people lack stable access to clean drinking water. Climate change accelerates desertification, increases evaporation rates and decreases reliable freshwater reserves.

Regions such as the Mediterranean, the Middle East, North Africa, South Asia and southern Europe face severe and worsening water stress.

Without large-scale innovation, global water demand is projected to exceed supply by up to 40% by 2030 (UN Water).

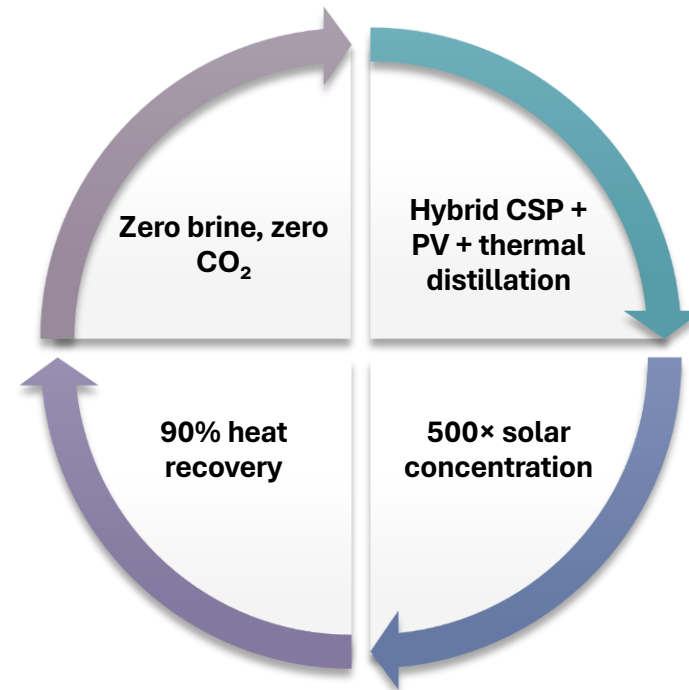
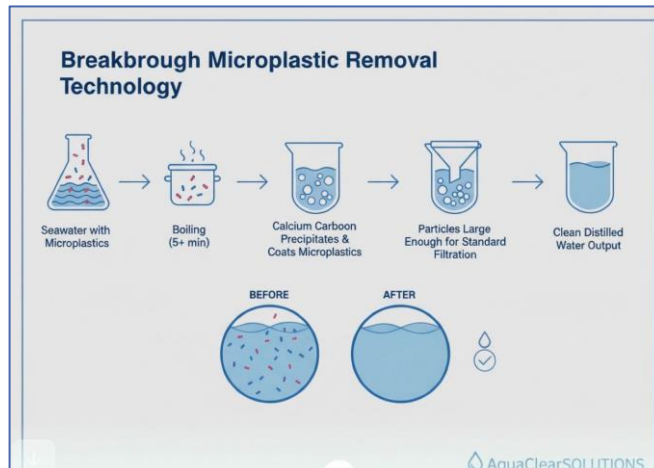
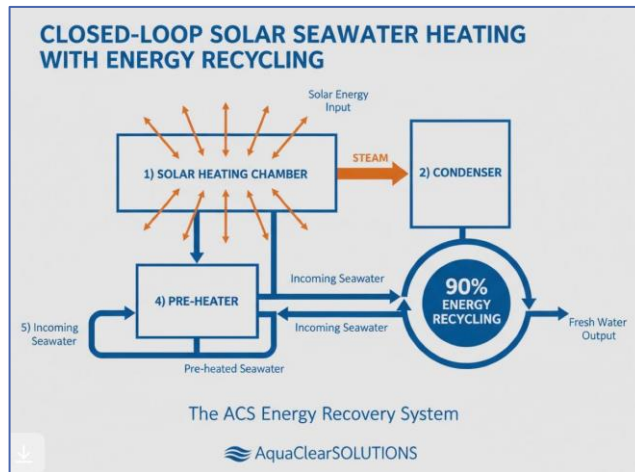
## The challenge of water scarcity 'at a glance':

- 2.2 billion people lack stable clean water access.
- Climate change is only looking set to worsen shortage, leading to massive disparities in regional water access.
- Conventional desalination has high energy, emissions and emits brine.
- Global water insecurity is projected to boost global health and wealth inequalities.



# ACS Technology – Technical Overview.

**Aqua Clear Solutions (ACS)** represents a major leap forward in sustainable desalination technology. At its heart, ACS combines **heliotropic mirrors, a central Concentrated Solar Power (CSP) tower, high-intensity photovoltaic (PV) modules, and an advanced thermal distillation chamber** into a single, hybrid system.



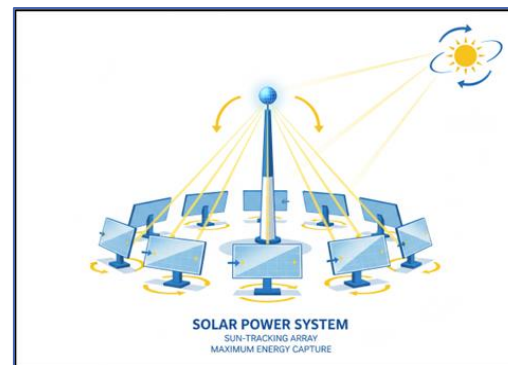
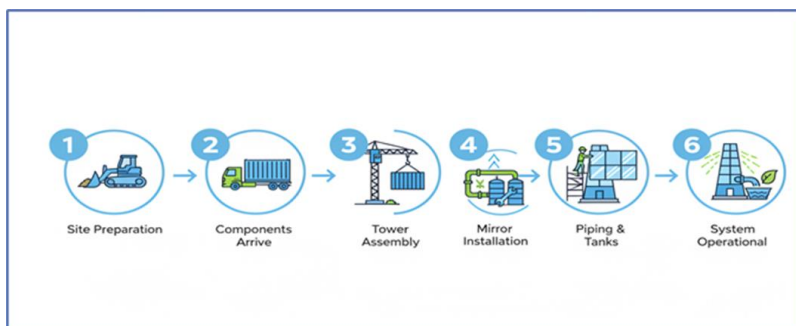
**Please Note:** We have produced a full white paper, which explores our technical solution in much greater detail. Should you have any queries, please do contact us.

# The ACS Process Flow.

The ACS process can be broken down into six key stages:

- **Solar Concentration:** Mirrored heliotropes continuously track the sun and focus intense sunlight onto the central CSP tower, achieving up to 500× concentration of solar radiation. This optical design ensures maximum energy capture throughout the day.
- **Dual Energy Generation:** Approximately **20% of the concentrated sunlight is converted into electricity** via PV modules integrated into the system, while the remaining **~80% is converted to thermal energy**, which is used to heat seawater for distillation. This dual-energy approach maximizes system efficiency and reduces external energy requirements to zero.
- **Thermal Distillation:** Seawater is heated to its boiling point in the thermal distillation chamber. Steam rises, leaving salts and impurities behind, and then condenses into **high-purity freshwater**. The system can tolerate **salinity ranges from 1–35%**, significantly broader than conventional RO systems.
- **Microplastic Removal:** Calcium carbonate formation within the distillation process binds microplastics and other particulate contaminants into aggregates, which can be easily separated and removed, improving water quality and addressing a growing environmental concern.
- **Heat Recovery:** Up to **90% of thermal energy is recycled** using advanced heat exchangers, minimizing energy loss and further improving overall operational efficiency.
- **By-Product Utilisation:** Concentrated brine, rather than being discharged, is processed to extract **hydrogen, chlorine, soda, and salt**, generating additional revenue streams and reducing environmental impact.

## The Delivery Process - From Site Preparation to Execution



# Competitive Advantages of the ACS Process.

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ACS offers a suite of advantages over conventional desalination technologies.



**Zero External Energy Consumption:** Fully solar powered, eliminating reliance on fossil fuels or grid electricity.



**Zero CO<sub>2</sub> Emissions:** Contributes to decarbonization goals while producing clean water.



**Zero Brine Release:** Eliminates marine ecosystem risks associated with RO and MSF.



**Modular Scalability:** Systems can be deployed for communities, industrial clusters, or regional networks.



**Lower Long-Term Operational Costs:** Reduced maintenance and energy costs compared to RO/MSF.



**Additional Revenue Streams:** By-products such as hydrogen, chlorine, soda, and salt provide supplementary income.

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# Technical KPI's of the ACS System.

These metrics highlight ACS's **superior energy efficiency, environmental safety, and operational simplicity** compared to conventional technologies. Unlike RO or MSF, ACS operates **without fossil fuels, produces no harmful brine, and requires minimal maintenance**, making it particularly suited for both emerging markets and regions with constrained infrastructure.

- 0 kWh/m<sup>3</sup> external energy required
- No CO<sub>2</sub> emissions or brine
- High salinity tolerance
- Lower maintenance

## Technology Readiness Levels (TRL):

- Each component of ACS has been rigorously tested and validated to ensure reliability and scalability:
- **Optical Mirrors:** TRL 9 – fully operational and commercially proven for solar concentration.
- **CSP Thermal Core:** TRL 8 – validated in controlled pilot installations.
- **High-Intensity PV Modules:** TRL 7 – high-efficiency solar panels optimized for hybrid integration.
- **Thermal Distillation Chamber:** TRL 7–8 – proven desalination process with enhanced heat recovery.
- **Integrated System:** TRL 6–7 – full hybrid system tested at pilot scale, with ongoing optimization for commercial deployment.

Metric	ACS Technology	Reverse Osmosis (RO)	Multi-Stage Flash (MSF)
External Energy	0 kWh/m <sup>3</sup>	3–6 kWh/m <sup>3</sup>	12–25 kWh/m <sup>3</sup>
CO <sub>2</sub> Emissions	0	High	Very high
Salinity Tolerance	1–35%	4–7% optimal	Any
Brine Discharge	None	Yes	Yes
Maintenance	Low	High	Medium
Technology Readiness Level (System)	6–7	9	9



# Key Market Applications of the ACS System.

## Agriculture:

- Agriculture is the largest consumer of freshwater globally, accounting for approximately **70% of total water usage**. In water-stressed regions, traditional irrigation methods are inefficient, leading to excessive water loss, soil degradation, and reduced crop yields. ACS technology provides a sustainable solution by supplying **high-quality desalinated water** suitable for **subsurface drip irrigation**, a method that delivers water directly to plant roots while minimizing evaporation and runoff.

## Tourism & Hospitality:

- Water scarcity is a critical challenge for the tourism sector, particularly in **coastal resorts, island destinations, and regions with seasonal water stress**. ACS offers a reliable solution by enabling resorts and hotels to maintain **high-quality water supply without overexploiting local resources**. A single **15-meter ACS tower** can meet the **annual water requirements of a 1,000-bed coastal resort**, ensuring uninterrupted guest services even during peak demand.

## Municipal & Industrial Supply:

- ACS technology is highly adaptable, making it suitable for **municipal water supply and industrial applications**. Its **modular system design** allows installations to start small for local communities or rural towns and expand as demand grows, making it a cost-effective and flexible solution for regions with limited infrastructure.



# Our Business Model.

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Aqua Clear Solutions (ACS) has designed a robust, scalable, and risk-mitigated business model that ensures both predictable revenue streams and the rapid deployment of sustainable desalination technology.

By combining a contract-first deployment strategy with flexible distribution and logistics solutions, ACS maximizes financial stability while meeting the immediate water needs of communities, industries, and governments.

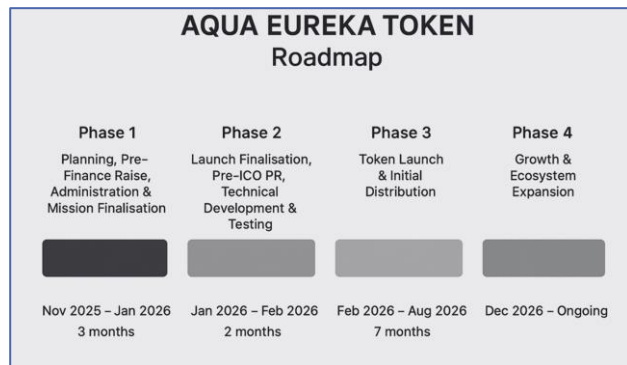
## Contract-First Deployment Strategy

- The cornerstone of ACS's business model is a **contract-first approach**, which prioritizes securing long-term agreements before initiating any deployment. Each project begins only after obtaining **30-year water purchase agreements (WPAs)** with municipalities, industrial operators, agricultural consortia, or private enterprises. These binding contracts provide guaranteed revenue streams, reducing financial risk and ensuring **predictable, long-term cash flow** for both the company and investors.

## Distribution & Logistics

- ACS has designed a **flexible, modular distribution strategy** that allows rapid deployment to regions with limited infrastructure while providing pathways for long-term expansion. Initial installations are delivered via **containerized systems** or transported using **tankers**, enabling the setup of fully operational desalination units within weeks. This method is particularly advantageous for **remote locations, disaster relief scenarios, or regions with underdeveloped water infrastructure**, allowing immediate access to clean water without waiting for pipeline construction or extensive civil works.

# Our Business Model.



**Our Business Model:** The Aqua Clear Solutions (ACS) roadmap outlines a strategic, phased plan to scale sustainable desalination technology while integrating tokenized investment opportunities. Each phase emphasizes **operational proof, regional expansion, technological integration, and strategic partnerships**, ensuring both social impact and financial viability.

## 2025 – Pilot Deployment and Token Launch

The year 2025 marks the **foundation of ACS operations**:

- **Completion of First Pilot**
- **Token Generation Event (TGE) for the AQUA EUREKA**

## 2026–2027 – Regional Expansion and Technology Integration

Following successful demonstration and token launch, ACS will focus on **strategic regional growth and technological diversification**:

- **Expansion to MENA and Southern Europe, Middle East, North Africa, and Southern Europe.**
- **Integration of Hydrogen and Ammonia**

## 2030 – Large-Scale Deployment and Strategic Partnerships

By 2030, ACS aims to be a **major player in global desalination infrastructure**, with a fully scaled operational model:

- **50+ Operational Sites**
- **Regional Water Grid Partnerships**

Beyond 2030, ACS envisions **global leadership in sustainable desalination**, combining advanced solar technology, modular scalability, and tokenized investment structures to deliver **clean water access at scale**.

# Tokenomics of the Aqua Eureka Coin.

The ACS Security Token represents a key innovation in the intersection of sustainable infrastructure and blockchain-based investment. It allows investors to participate directly in **real-world water production** while benefiting from **regulated financial and governance rights**. By tokenizing access to both revenues and utility, ACS aligns investor incentives with the company's mission to expand clean water access globally.

- **Classification:** The ACS Token is a **regulated security token**, fully compliant with **EU MiCA** (Markets in Crypto-Assets) and **UK FCA** (Financial Conduct Authority) standards.
- **Utility:** The ACS Token is designed to provide **multiple streams of value and governance rights** for holders.
- **Water Redemption:** Each ACS Token represents **0.8 m<sup>3</sup> of clean water**, calculated at 25% capacity utilization of ACS systems. This links the token directly to a tangible, real-world resource, reinforcing its intrinsic value.
- **Revenue Share:** Token holders are entitled to **25% of net revenues** generated by ACS operations, paid in **USDC**, providing predictable and stable returns independent of cryptocurrency market volatility.
- **Governance Rights:** Investors can participate in key corporate decisions, including deployment strategy, expansion plans, and future product development, ensuring a **voice in the strategic direction** of ACS.
- **Early Access to Future Token Rounds:** Holders are prioritized for participation in subsequent token issuances, enabling **early-stage exposure to growth opportunities**.

# Financial Model Case Study – Pilot Facility (Cyprus)

The Cyprus pilot facility will serve as the **first operational demonstration** of the Aqua Clear Solutions (ACS) technology and provides a comprehensive financial framework for evaluating both the **feasibility and scalability** of larger deployments.

By detailing capital expenditure (CapEx), operational expenditure (OpEx), revenue streams, and profitability projections, the pilot plant highlights the **investment potential and economic viability** of ACS desalination technology.

**Capital Expenditure (CapEx):** The total CapEx for the pilot facility is **€6.5 million**, reflecting the integration of cutting-edge solar and desalination technology into a compact, fully functional system.

**Operational Expenditure (OpEx):** The pilot plant benefits from **low operational costs**, a key advantage of ACS technology. Annual OpEx is projected at **€350,000**.

**10 Revenue Model:** The long-term financial outlook emphasizes the **exponential potential** of ACS technology when expanded beyond the pilot phase.

- Strong profit scaling with multi-tower systems
- Cumulative profit: ~€6M at year 10





AQUA CLEAR SOLUTIONS  
TECHNOLOGY LIMITED

# Regulation & Compliance.

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## Audited Smart Contracts and Transparent Documentation

- ACS prioritizes **technological transparency and operational accountability**. All smart contracts governing the ACS Security Token are independently **audited by leading cybersecurity and blockchain auditing firms**, ensuring robust code security and reliable execution of token functions.

## EU MiCA Security Token Compliance

- The ACS Security Token is fully compliant with the **Markets in Crypto-Assets (MiCA) regulation** enacted by the European Union.

## UK FCA Financial Promotions and Licensing

- ACS adheres to **UK Financial Conduct Authority (FCA) standards** for financial promotions and securities offerings. The FCA framework ensures that all communications to potential investors are **clear, fair, and not misleading**, providing an additional layer of confidence for participants in the UK and globally.

## Commitment to Ongoing Compliance

- ACS recognizes that regulatory landscapes evolve rapidly, particularly in the intersection of **blockchain technology, financial instruments, and sustainability infrastructure**

# Aqua Eureka Coin – Pre-Sale Investment Opportunity.



**Overview:** Aqua Eureka Coin is launching a pre-sale token offering to support the foundational growth of Aqua Clear Solutions, boost liquidity and support project development—an innovative ecosystem addressing global water access challenges.

This pre-sale provides early investors a chance to participate in a scalable, impact-driven project from the ground up, securing preferential terms and positioning themselves at the forefront of a transformative venture in the water solutions sector.

**Who We Welcome:** We invite all investors to participate at the stated figure and beyond. Our goal is to build a core investor community of sustainably minded family offices, HNWI's, and institutional investors who are committed to both impact and long-term growth.

## Why Invest in Aqua Eureka Coin?

- Early Access, Preferential Terms
- Impact-Driven Strategic Growth
- Token Economy Foundation

## Use of Pre-Sale Funds:

- Pre-Finance Liquidity Pool Development
- Operational Readiness
- Market Development

## Investment Highlights:

- Innovative Ecosystem
- Scalable Model
- Early Investor Advantage
- Transparent Roadmap

## Our Offer – A Per Token Discount Off of the Official Launch Token Price PRIOR TO THE MARCH TOKEN LAUNCH:

- December – 15% Discount
- January – 10% Discount
- February – 5% Discount

**Join Us:** By participating in the pre-sale, investors not only secure a position in an emerging token economy but also contribute to real-world solutions for water access. Together, we aim to create a community of like-minded investors committed to sustainable growth and meaningful global impact.

**PLEASE NOTE THAT A FULL WHITE PAPER IS AVAILABLE ON REQUEST.**

## BENEFITS OF GETTING INVOLVED NOW



**Early Access to the Token Economy**  
Participate in the pre-sale to secure Aqua EurekaCoins at preferential terms before they reach the broader market



**Support Global Water Solutions**  
Your investment directly contributes to addressing the urgent need for safe drinking water for 2.1 billion people worldwide, making your contribution socially impactful



**High Growth Potential**  
Capitalize on the projected growth of the cryptocurrency sector, expected to reach approximately US \$4 trillion by 2025, offering significant upside potential



**Liquidity Advantage**  
Early participation helps establish a strong pre-sale liquidity pool, ensuring smoother trading and boosting confidence in the token's value



**Foundation for Long-Term Gains**  
Funds raised now will build the operational and infrastructure base for Aqua Clear Solutions, positioning the project for sustainable, long-term growth



**Strategic Market Timing**  
Investing during the pre-sale allows you to benefit from both the ICO launch and the future adoption of the token ecosystem



## Invest in ACS Today & Join Us as We Democratize Global Water Access.

Don't miss your chance to join our exclusive pre-token sale—early investors of all sizes are welcome to secure their stake and maximize potential returns before the public launch. Get in touch today to learn how you can be part of this high-growth opportunity.

### FURTHER CONTACTS:

#### Commercial Enquiries

[nicholas.cobb@aquaclearsolutions.eu](mailto:nicholas.cobb@aquaclearsolutions.eu)

#### Technical Enquiries

[gvdb@aquaclearsolutions.eu](mailto:gvdb@aquaclearsolutions.eu)

**Registered Address:** 31 Christodolou Sozou Hermes Tower, Office 401, Nicosia 1095. Cyprus.



## Meet the Global ACS Team.

Our experienced global leadership team brings a strategic and holistic approach to our common goal of democratising worldwide water access. The highly experienced global ACS team has been selected from the USA, United Kingdom, Cyprus, Belgium and Austria. Detailed biographies can be supplied upon request.

### Detailed biographies can be supplied upon request.

#### Supervisory & Management Board:

- **Head of the Supervisory Board** – Princess Desiree (Austria)
- **Chief Executive Officer** – Prof. Peter Platzer (Austria & Hungary)
- **Chief Technology Officer** – GM. Guy Van der Beken (TME CdB) (Belgium)
- **Chief Finance Officer** – Mag. Gregor Konrad (Austria)
- **Chief Operating Officer** – Nicholas Cobb (TME CdB) (United Kingdom)
- **Chief Legal Officer Legal** – Yaniv Habari LLC (Cyprus)

#### Additional Members of the Management Board Include:

- **Head of Regulatory Affairs** – Lori Gregory (USA)
- **Aqua Eureka Coin Back Office Developer** – Alexander Gregory (USA)



**Aqua Clear Solutions.**

Unifying Nature, Innovation & Technology to Overcome Global Water Insecurity

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