



LIQTECH

improving our future

Investor Update

January 2025

LiqTech International Inc (LIQT)

Cautionary statement

Forward-Looking Statements

This presentation contains "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended. Although the forward-looking statements in this presentation reflect the good faith judgment of management, forward-looking statements are inherently subject to known and unknown risks and uncertainties that may cause actual results to be materially different from those discussed in these forward-looking statements. Readers are urged to carefully review and consider the various disclosures made by us in our reports filed with the Securities and Exchange Commission, including the risk factors that attempt to advise interested parties of the risks that may affect our business, financial condition, results of operation and cash flows.

If one or more of these risks or uncertainties materialize, or if the underlying assumptions prove incorrect, our actual results may vary materially from those expected or projected. Readers are urged not to place undue reliance on these forward-looking statements, which speak only as of the date of this release. We assume no obligation to update any forward-looking statements in order to reflect any event or circumstance that may arise after the date of this presentation.

Join us as we unveil LiqTech's transformative vision and value proposition, which will pave the way for a sustainable growth future by 2025 and beyond

- Operate in large, attractive water market.
- Possess commercial proven products & solutions.
- Led by innovative and engaging team.
- Move towards Global footprint.

LiqTech at a glance

A distinguished global leader in specialty filtration, dedicated focus on advanced Silicon Carbide Membranes.

Following a successful turnaround since 2023, we've significantly enhanced our commercial capabilities, laying the foundation for sustained growth.

We have achieved strong market validation on our products and solutions for four key commercial areas of focus.

100+

Employees at
LiqTech

250+

Clients Served Across
the Globe

\$18 mil

2023

300+

Systems Installed in
35+ countries

+20

Years of filtration
experience

2.5M+

Diesel Particulate
Filters Sold

2

Locations

+130K ft²

Manufacturing footprint

Our vision

**LiqTech will become a leading provider
of advanced and sustainable filtration
solutions**

Global Mega Trends Shaping Our Future



Water Reuse and Cleaning

Enabling sustainable water management based on patented advanced ceramic membrane technology.



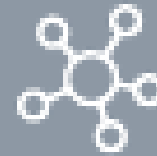
Emission Reduction

Cutting greenhouse gases with efficient silicon carbon filter.



Circular Economy

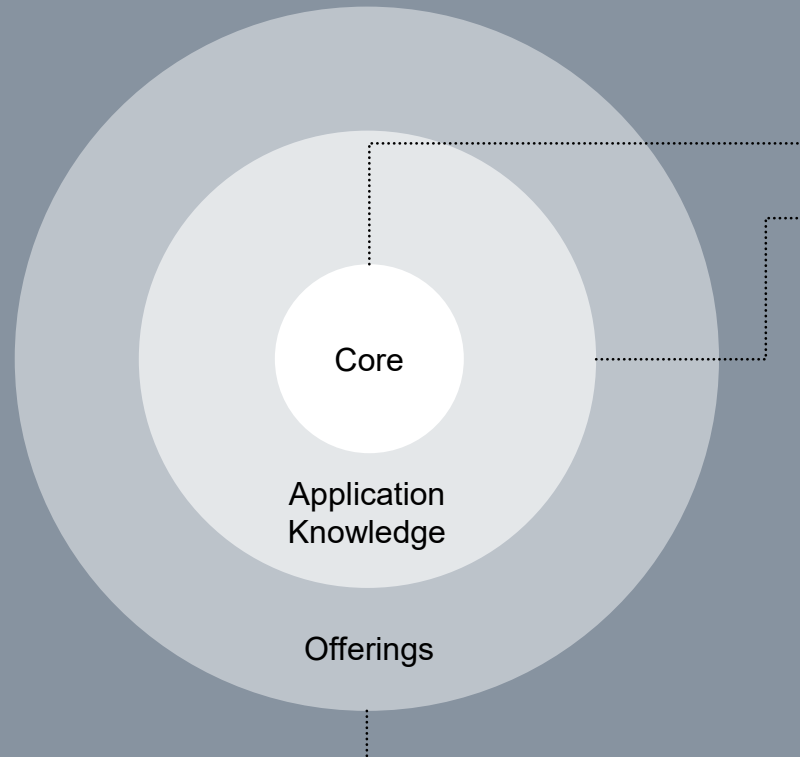
Transforming waste into valuable resources through innovative filtration solution.



Smart Solutions (Industry 4.0)

Fully automated system and data driven insights for efficient water treatment.

Core of LiqTech (2000-2024)



Pioneering Two Decades of Deep Technological Innovation within Silicon Carbide Technology

- • Silicon Carbide Technology is the core
- • Water Treatment System design is our response to developing the market for our technology
- • Sold membranes and systems successfully to the market for more than two decades

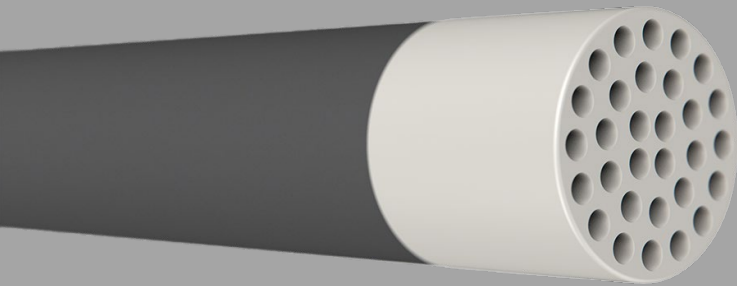
Achievements

170 marine scrubber systems installed
120 commercial pool systems installed
23 heavy industry systems installed
+50k integrators membranes

Unique position

Leading player in SiC UF filtration for industrial water treatment
Rapidly growing in SiC UF filtration for water for energy with focus on onshore
Top 1 player of SiC membrane for marine scrubber
Top 1 player of SiC membrane for pool system

LiqTech uniquely possesses both membrane technology and filtration system in-house



Patented Silicon Carbide membrane

- ◆ Industry-leading 5 years warranty
- 🧪 Absorbs water and repels oil

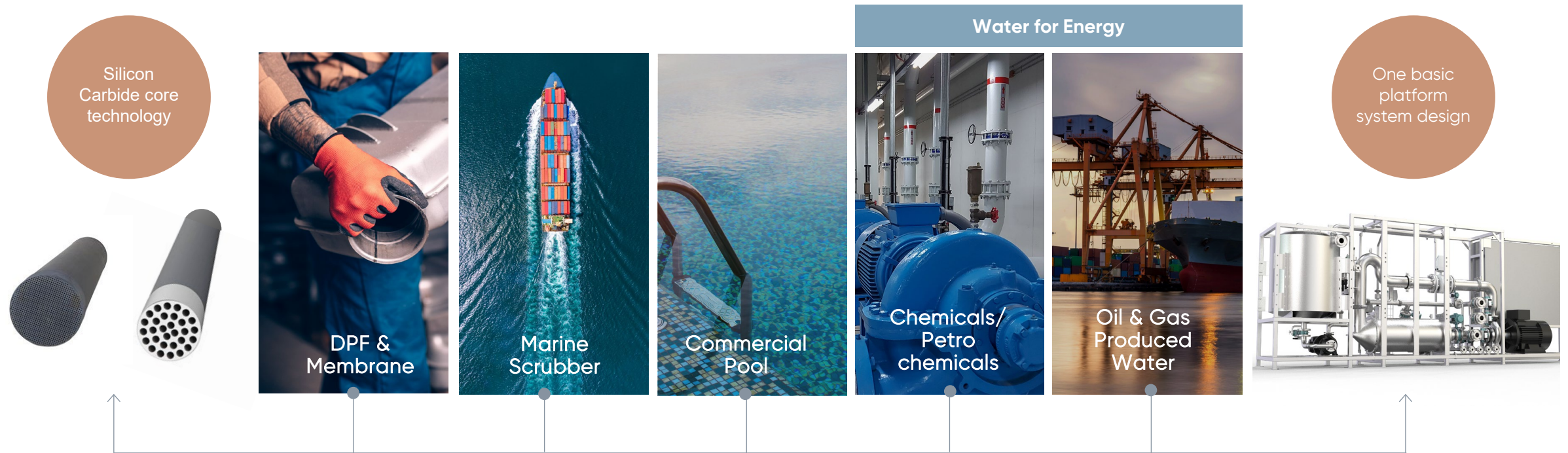
Reliability
Mobility
Connectivity



World-class system design

- 🕒 + 10 years experience in designing industrial systems
- 📱 Remotely monitored and unmanned

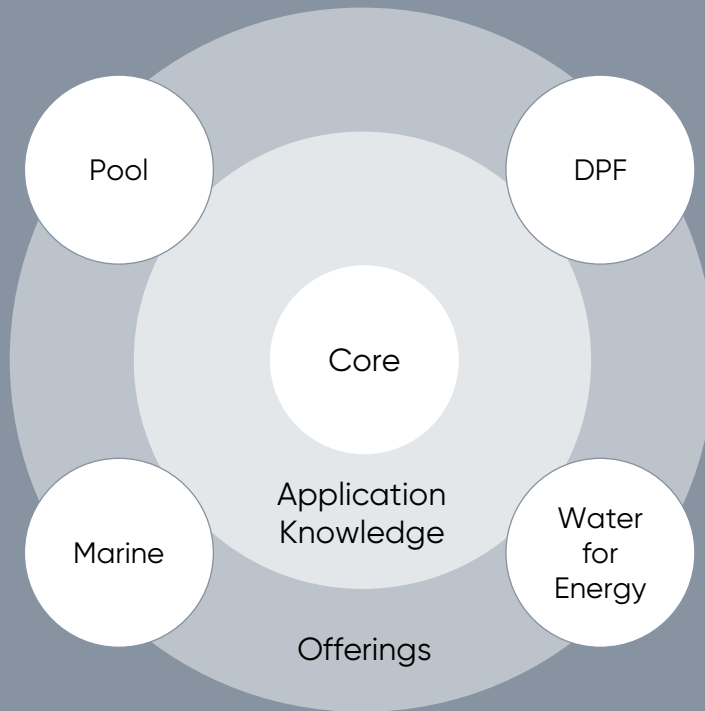
Core technology is adaptable across multiple markets



LiqTech's technology is a game-changer

1. **Durability and Versatility:** LiqTech's SiC ceramic membranes are engineered to handle the most challenging liquids, regardless of temperature or pH. This resilience ensures consistent permeate quality, even in harsh industrial environments.
2. **Efficiency and Sustainability:** Designed with sustainability at its core, LiqTech's filtration systems significantly reduce resource consumption. For instance, Commercial pool systems can save up to 60% on water, reduce energy consumption by 60%, and lower chlorine dosing by 30%. Across applications, these solutions contribute to operational savings and environmental benefits, contributing to sustainability significantly.
3. **Automation and Scalability:** LiqTech's systems are fully automated and have remote monitoring capabilities for seamless operation and maintenance. Additionally, their modular, scalable design enables clients to adapt and expand as their needs evolve, making the technology suitable for diverse industries and future growth.
4. **Broad Industry Applications:** LiqTech's SiC technology serves a wide range of industries, including industrial water treatment and reuse for energy production, Marine and transportation, commercial swimming pool, and air emission control.

Future of LiqTech (2025-2028)

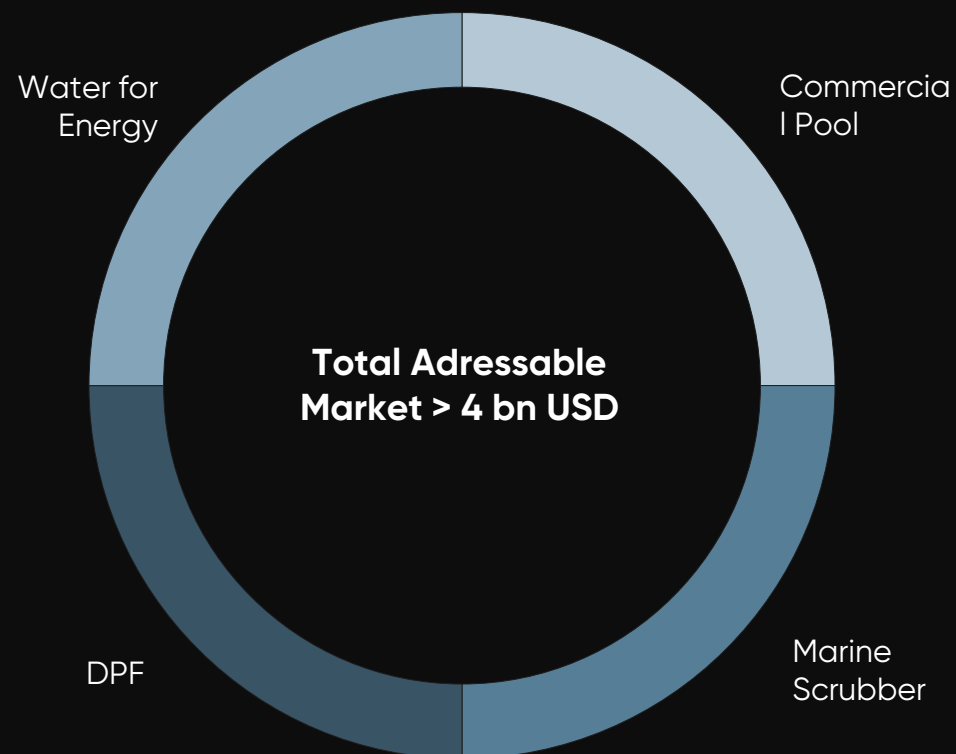


Key Strategic Priorities

1. Establish substantial growth in Water for Energy as a core business
2. Enter the New Energy Marine Water Treatment market through Joint Venture
3. Boost commercial sales of Pool System solution for recurring revenue through strong distributors
4. Strengthen the growth of DPF (Diesel Particulate Filter) business

We are solving problems worth > 4 bn USD

Water for Energy is LiqTech's new core growth area, significantly expanding our target adressable market



Commercial Pool, Marine Scrubber and DPF are well-established markets for LiqTech with stable revenue



Systems

Water for Energy

Unlocking Opportunities for LiqTech

Water Scarcity

Climate change impacting water availability and quality

Green energy transition puts more demands on water sources availability

Improve Value Proposition

CAPEX investment must be justified by the value creation

Shortage of skilled labors
Gives focus on OPEX costs

Regulatory Tailwind

Continuous tightening on water regulations

Companies are increasingly held accountable to ESG standards.

Ease & Reliable to Operate

Continuous operation calls for reliable water treatment

Remote production sites look for convenient system

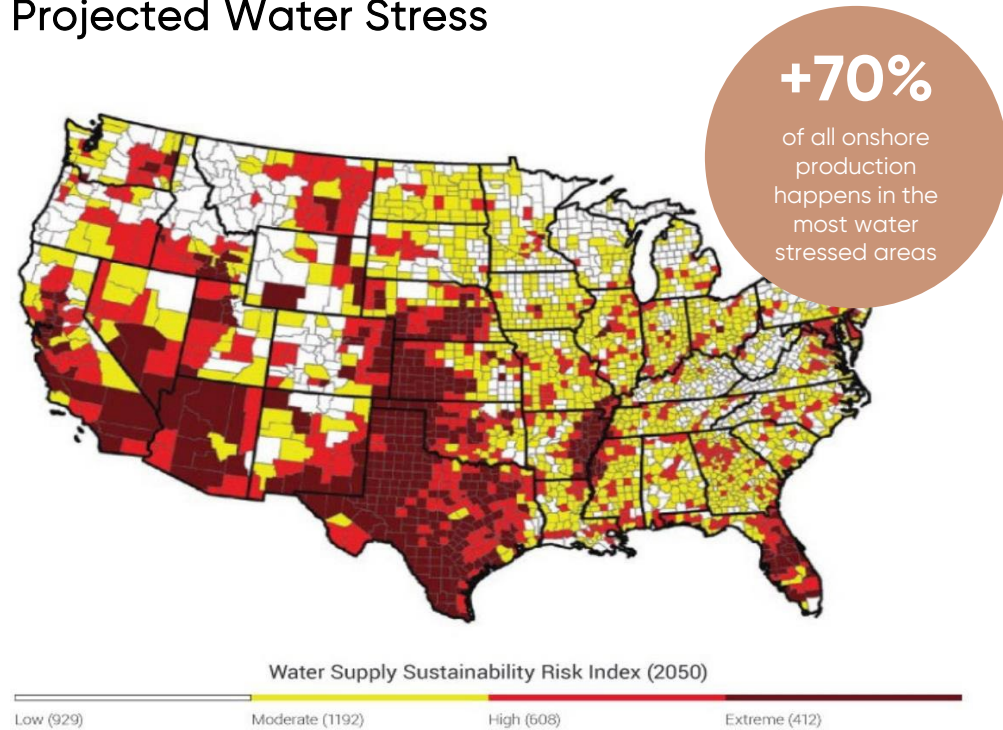
New Sources for Demand

New marine fuel requires differentiate water treatment

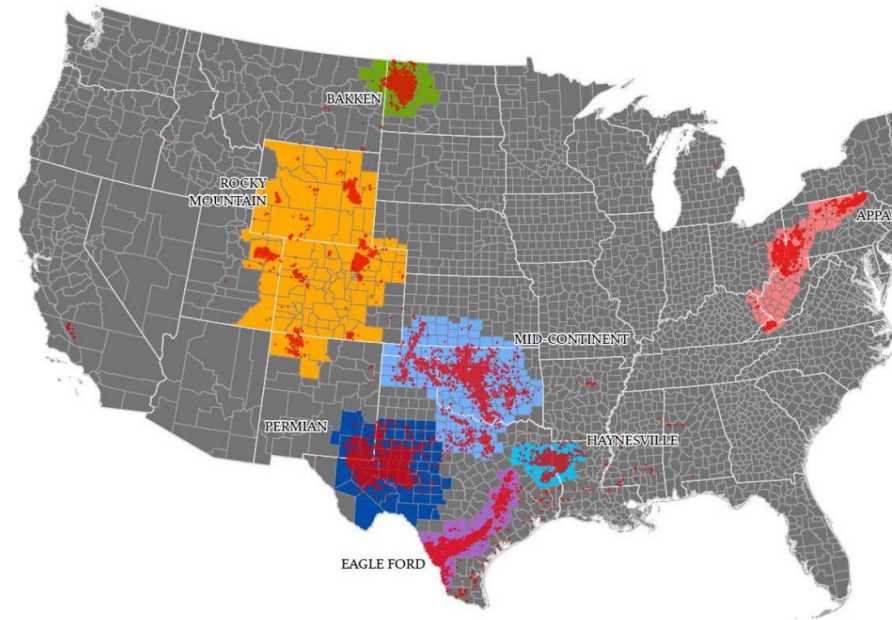
AI data center demands clean emergency power supply.

US onshore Oil & Gas has a produced water management problem where LiqTech can help

Projected Water Stress

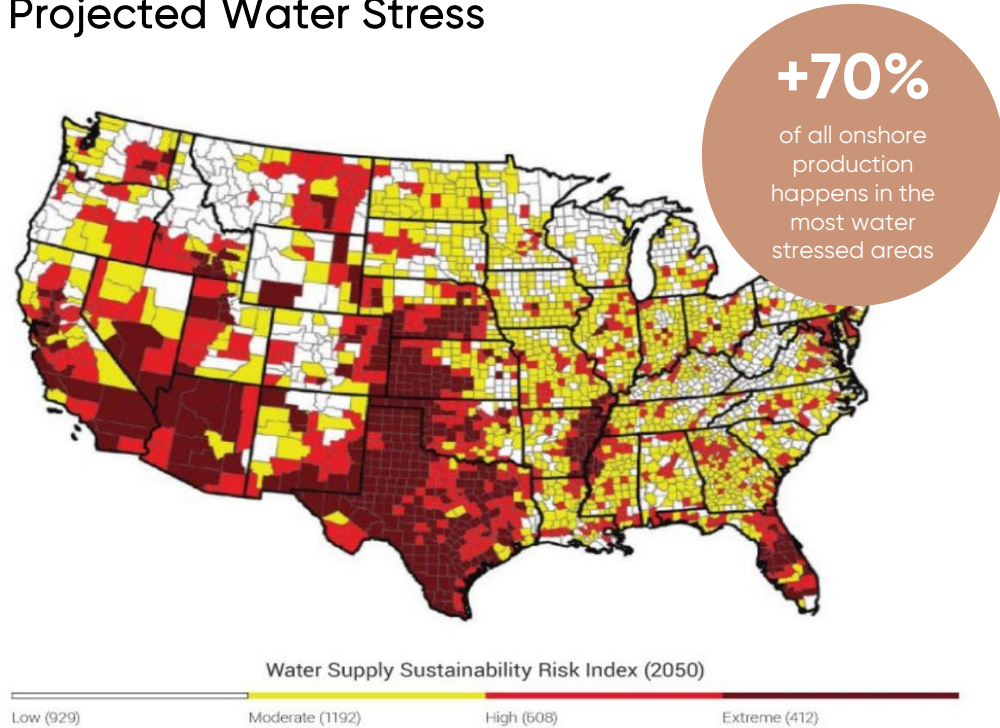


Most prominent oil producing regions in the U.S



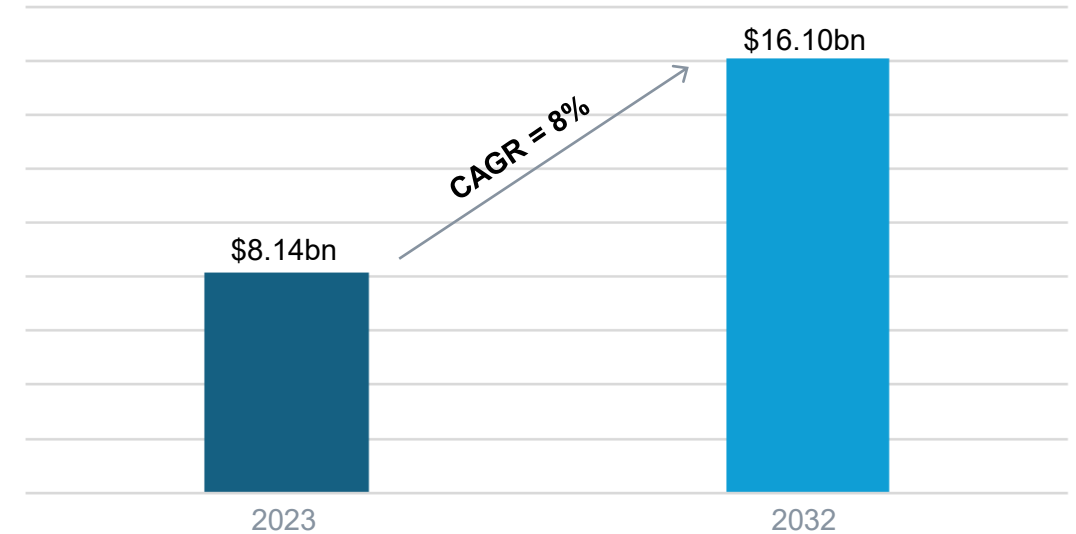
US onshore Oil & Gas produced water management presents an attractive opportunity for us

Projected Water Stress



Water for Energy Market is Growing Fast and New Solutions are Needed

Global Projected Produced Water Treatment market 2023-2032



PureFlow™ for Water Treatment in the Energy Sector

Water management is one of the energy industry's most significant challenges, especially in remote and extreme environments. LiqTech has developed the PureFlow™ Mobile Units, purpose-built for the most demanding water purification applications. These units are fully containerized and automated, offering unmatched efficiency, mobility, and durability that is perfect for:

- Direct water reuse
- Pre-treatment for desalination technologies
- Brine pre-treatment for DLE - Direct Lithium Extraction Technologies
- Any other challenging industrial application where you want to remove suspended solids and/or oil



Snapshot of some of the 2025 Water for Energy pipeline projects in North America





“LiqTech’s innovative LiqTech PureFlow™ technology has demonstrated tremendous value to our customers by delivering efficient, reliable, and robust solutions for complex water challenges.”

Ray Juman, CEO of Razorback Direct LLC

Systems

Commercial Pool

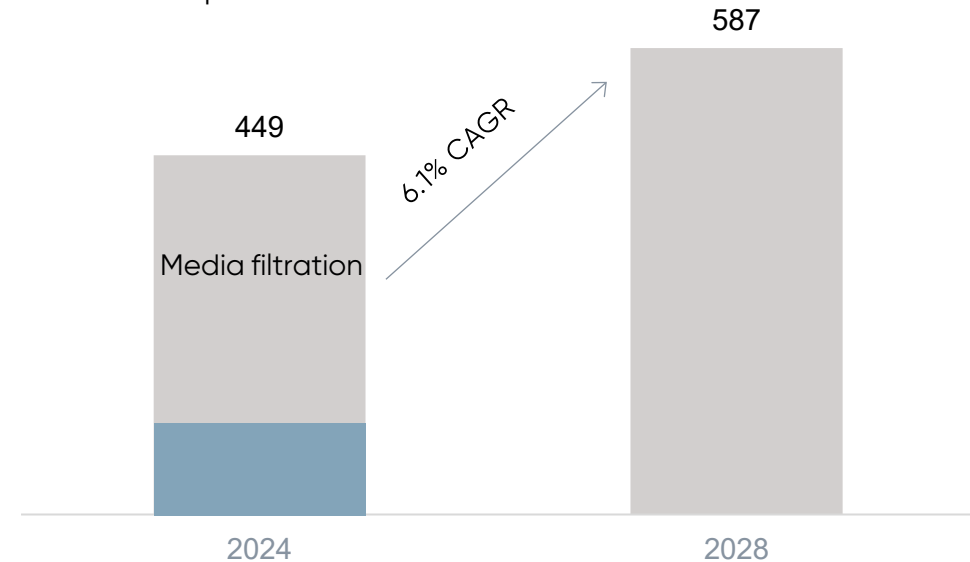
Pool Water Treatment Market is Undergoing Tech-Upgrades

Market Trends & LiqTech's Position

- **Sustainable development**
LiqTech pool solution is significantly superior in energy efficiency, water usage and chemical consumption
- **Digital transformation towards greater connectivity**
LiqTech pool solution is fully automation with remoted monitoring and data gathering
- **Fast growth of the pool refurbishment with a key focus on tech-upgrades**
LiqTech pool solution has largely reduced footprint and is modular designed which is extremely suitable for refurbishment

Market Growth

Commercial pool water treatment addressable market potential in 2028 in Europe will be USD 587 million in total*. The market expects a CAGR of 6.1%.



Momentum in Commercial Sales of Pool System Solutions Expected to Continue

Our Value Creation Proposition



Expansion to US and other European regions with strong ground game in key markets



Partnerships in place that can be scaled further to capture growth potential through proven distribution channels



Extensive development and execution capabilities with hundreds of installations in Europe and the Pacific region



Intensive market promotion to build up market awareness and brand position

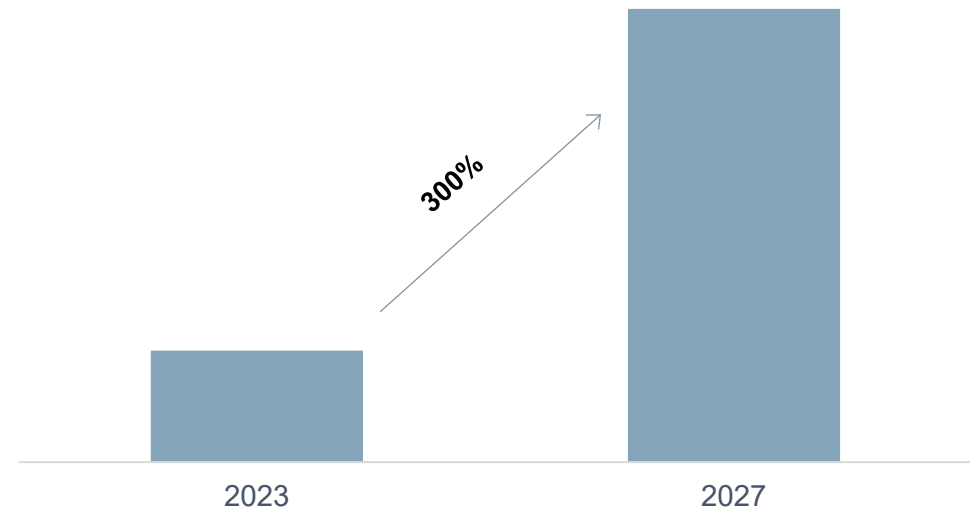
OXIDINE
Water Technology



BARR + WRAY

WATERCO
Water, the liquid of life

Expected revenue development in Pool segment



Strong business case versus traditional media filtration

Considerably lower footprint

30% footprint of media filtration leading to CAPEX savings in machine room

Modular system

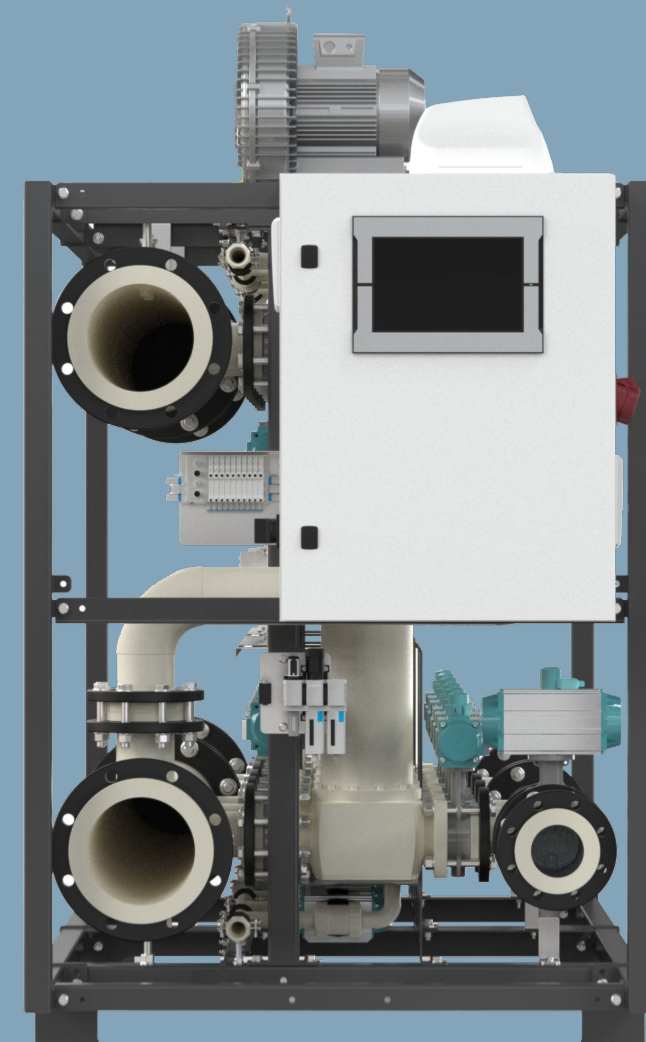
Modularity enables lower OPEX for installation as it fits through standard doors eliminating the need to break down walls as is often the case for media filtration solution

Reduced OPEX

- Up to 75% savings on water consumption
- Up to 50% reduced energy consumption
- Fully automated minimized interfere
- 100% removal of flocculation chemistry
- Min. 30% reduction of chlorine chemicals

Online remote controlled

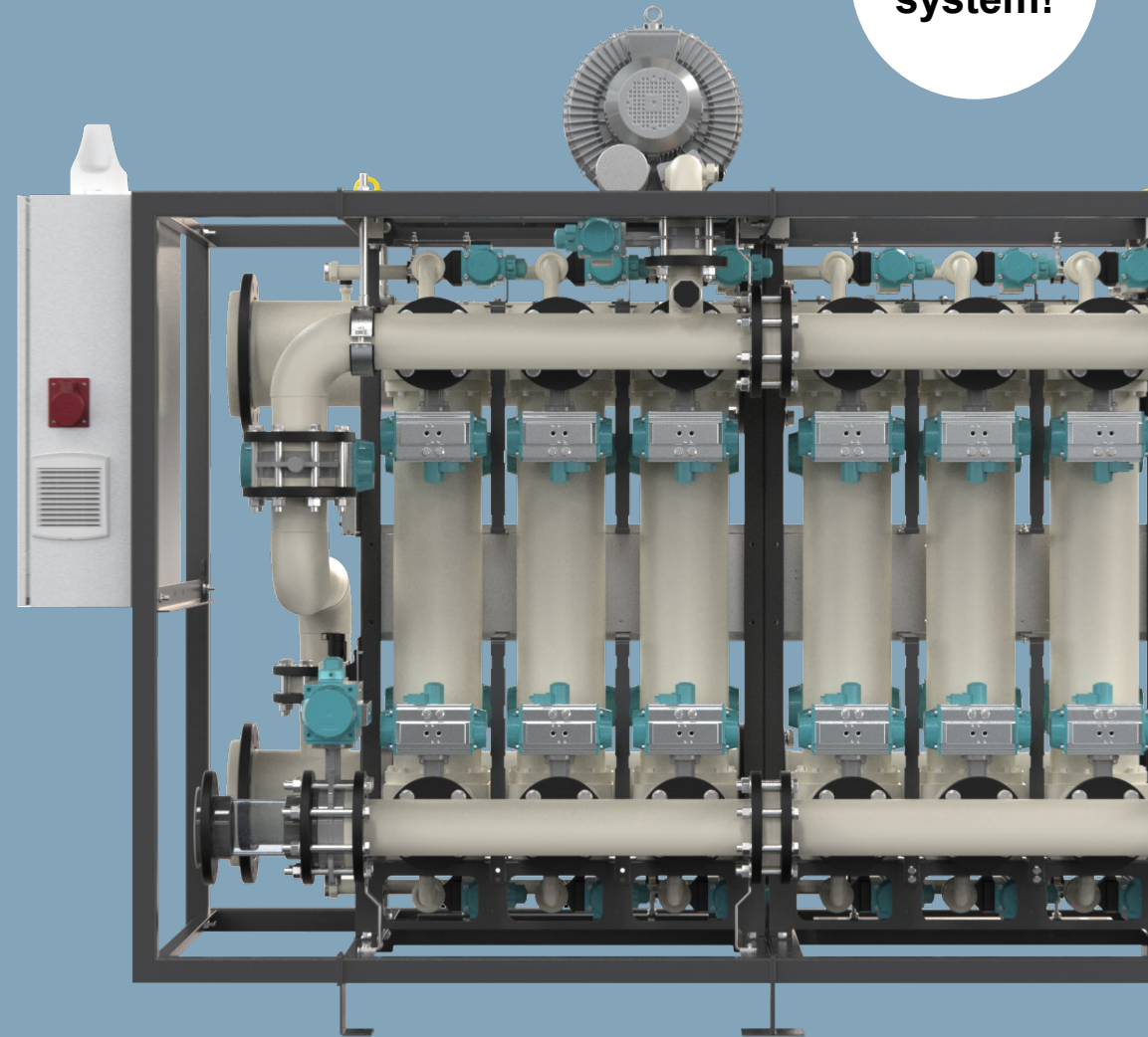
- Unit can be online monitored and controlled
- Through built in router software are regularly updated to enable continuous OPEX optimization.
- ECO CIP to be launched in Q1'25 enabling a further considerable reduction in water-, Energy-, and chemistry consumption with improved ROI as consequence



Commercial Pool Launch – LigTech PurePool™

- Smallest Footprint on The Market
- Superior Pool Filtration
- Long-Term Performance – Less Maintenance

**New
system!**



In 2024 progress and market validation achieved in all market segments

Service

Good revenue on spare parts & service

Solid sales order in DPF

DPF & Membrane

JV in China established

Marine Scrubber

14 systems sold NSF approval

Commercial Pool

2 pilot project (US)

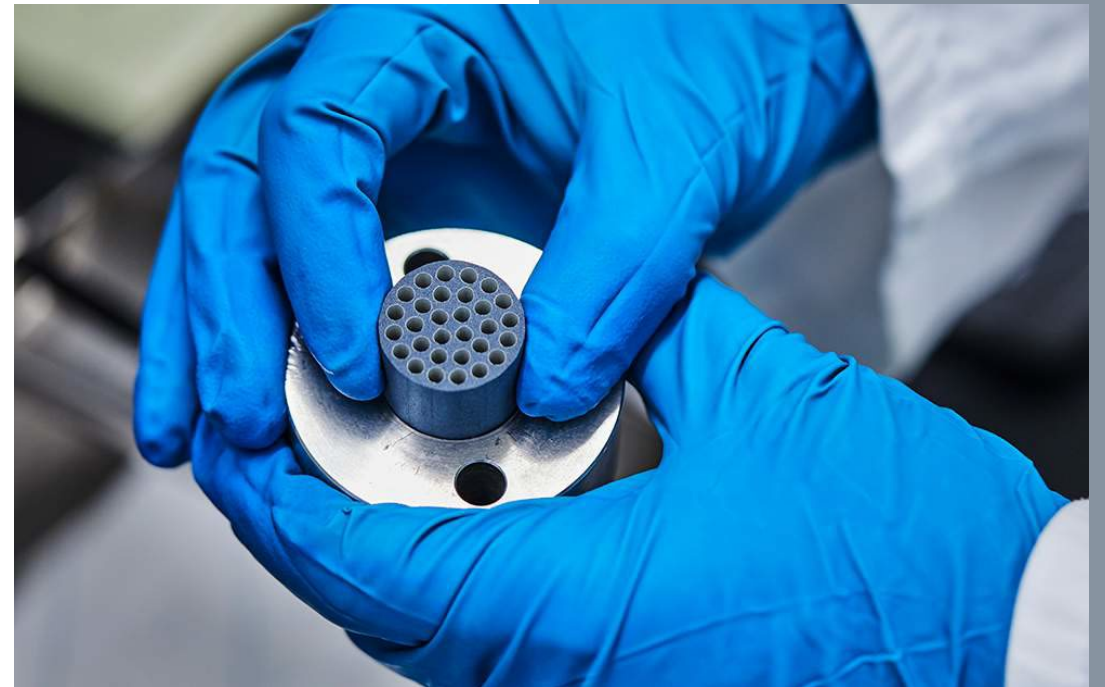
Chemicals/Petrochemicals

1 Pilot delivered in Middle East
2 Pilots delivered in US
1 commercial unit order in US

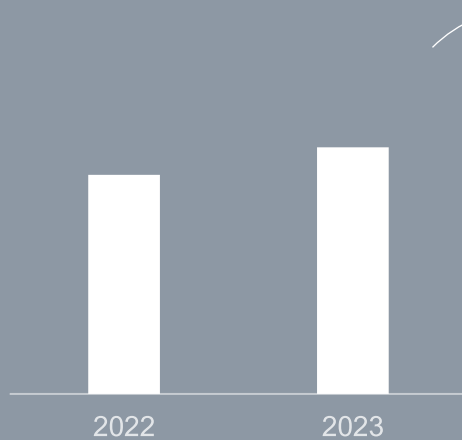
Oil & Gas Produced Water

LiqTech has laid solid foundation for future growth

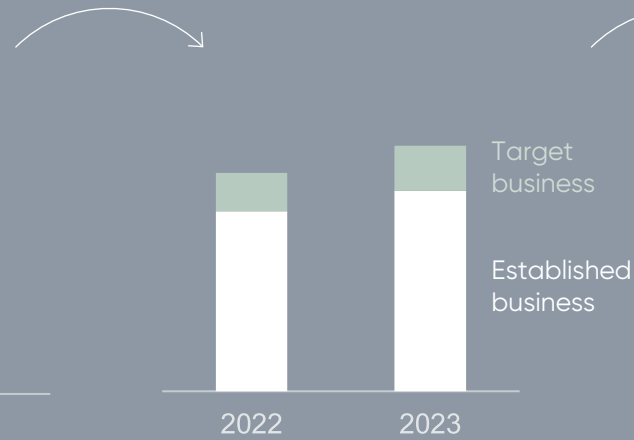
- Sales team refurbished
- Sales pipeline amplified
- Innovative modular filtration system developed
- JV in China for marine application established
- Experienced & engaged leadership team formed
- Market potential verified



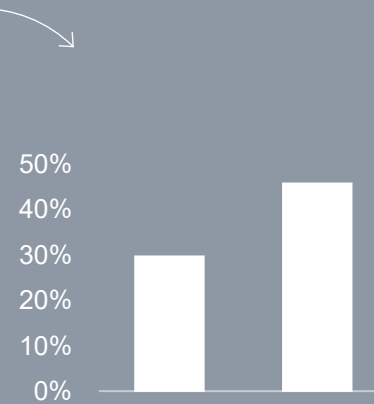
Our strategy has already delivered promising financial outcomes



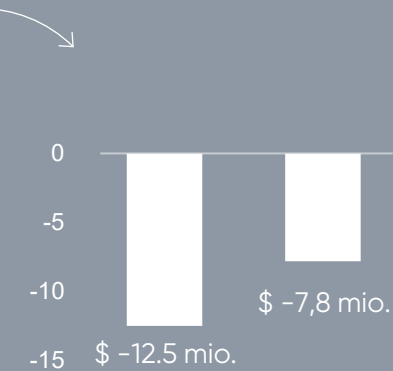
In 2023, we achieved a full-year revenue growth of 13% reaching a total of \$18 mio. up from \$16 mio. in 2022...



... our revenue composition also changed with an increased share from target growth areas. In 2023, \$3.3 mio came from target business compared to \$2.8 mio in 2022



...meanwhile we improved our contribution margin to 46% in 2023 compared to 30% in 2022 reflecting strengthened pricing discipline and improved product mix



...this led to a significantly improved EBIT putting us further on track to reach break-even

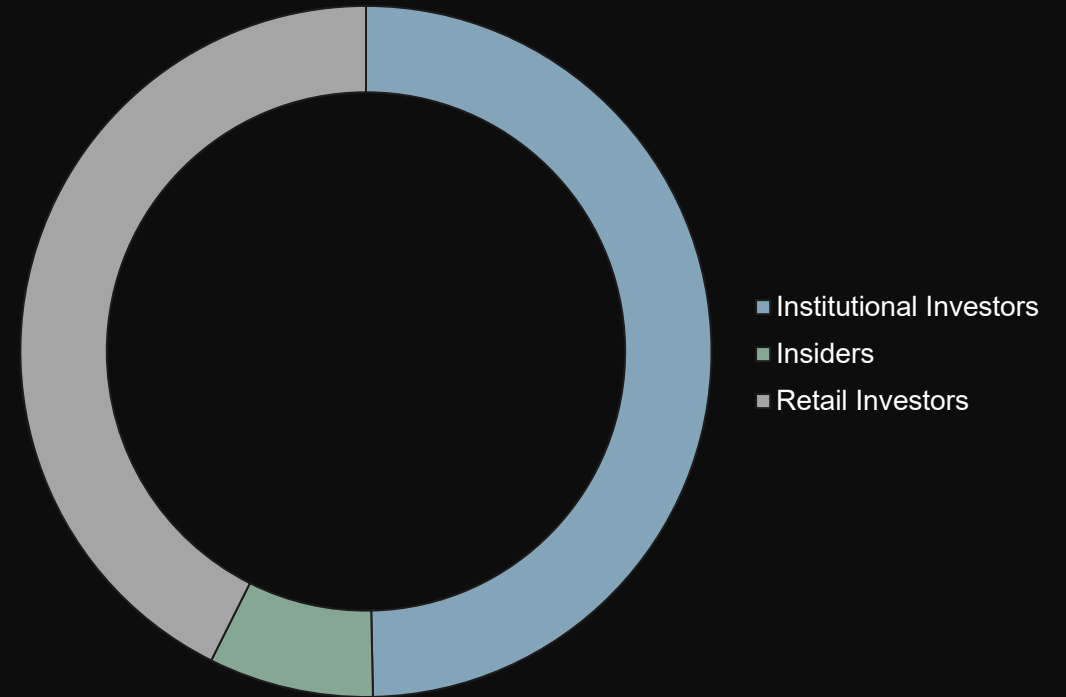
Current ownership structure

– based on outstanding common stock of 9.6 million

Institutional Ownership: Approximately 49.7% of outstanding common stock are held by institutional investors.

Retail Ownership: Approximately 42.6% of outstanding common stock are held by retail investors.

Insider Ownership: Approximately 7.7% of outstanding common stock are held by company insiders.



Key takeaways

1. Commercial scale up is our focus
2. Commercial & service footprint is expanding globally
3. Essential knowledge and competence is in place



