



# LifeQuest

There is no life without water

Investor Presentation September 2020  
(OTCBB: LQWC)



# Forward Looking Statement

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# LifeQuest World Corp. Overview

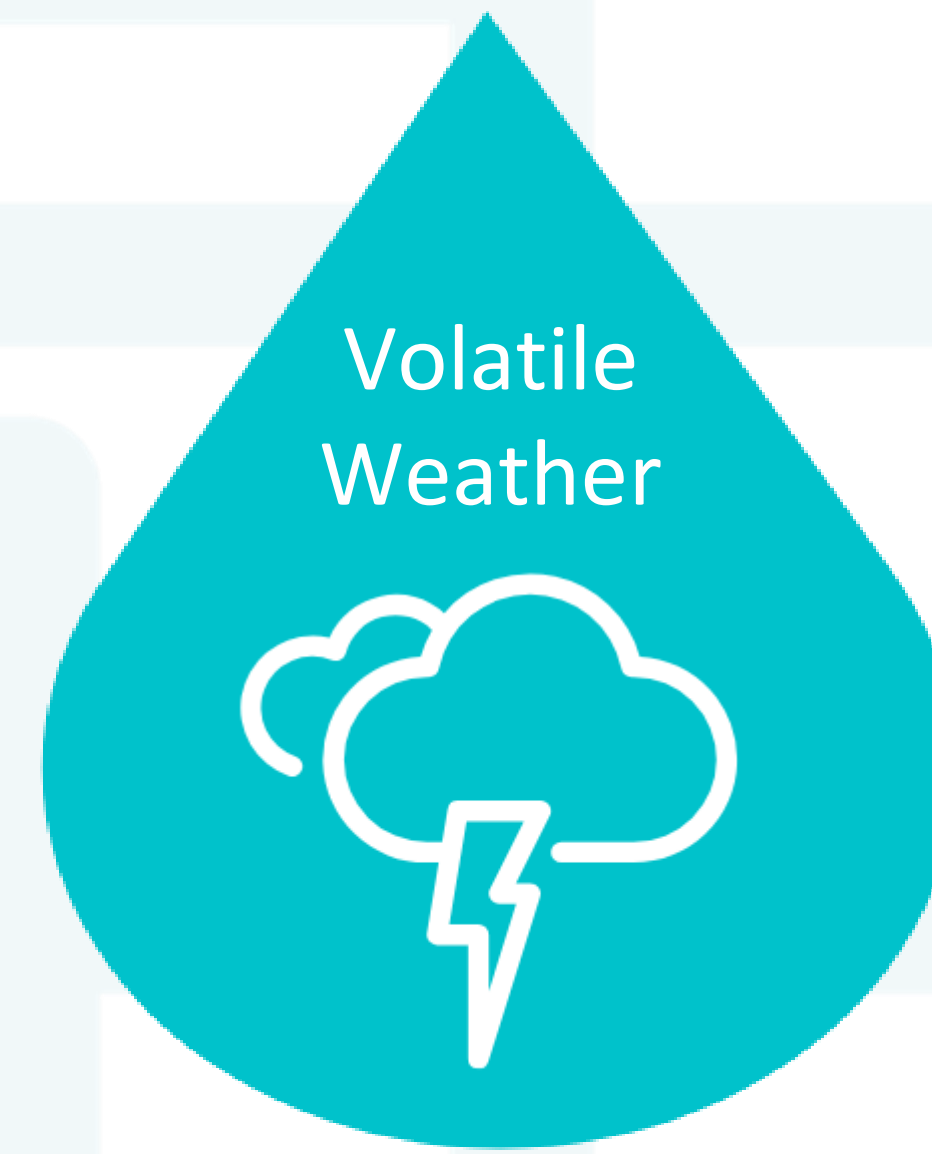
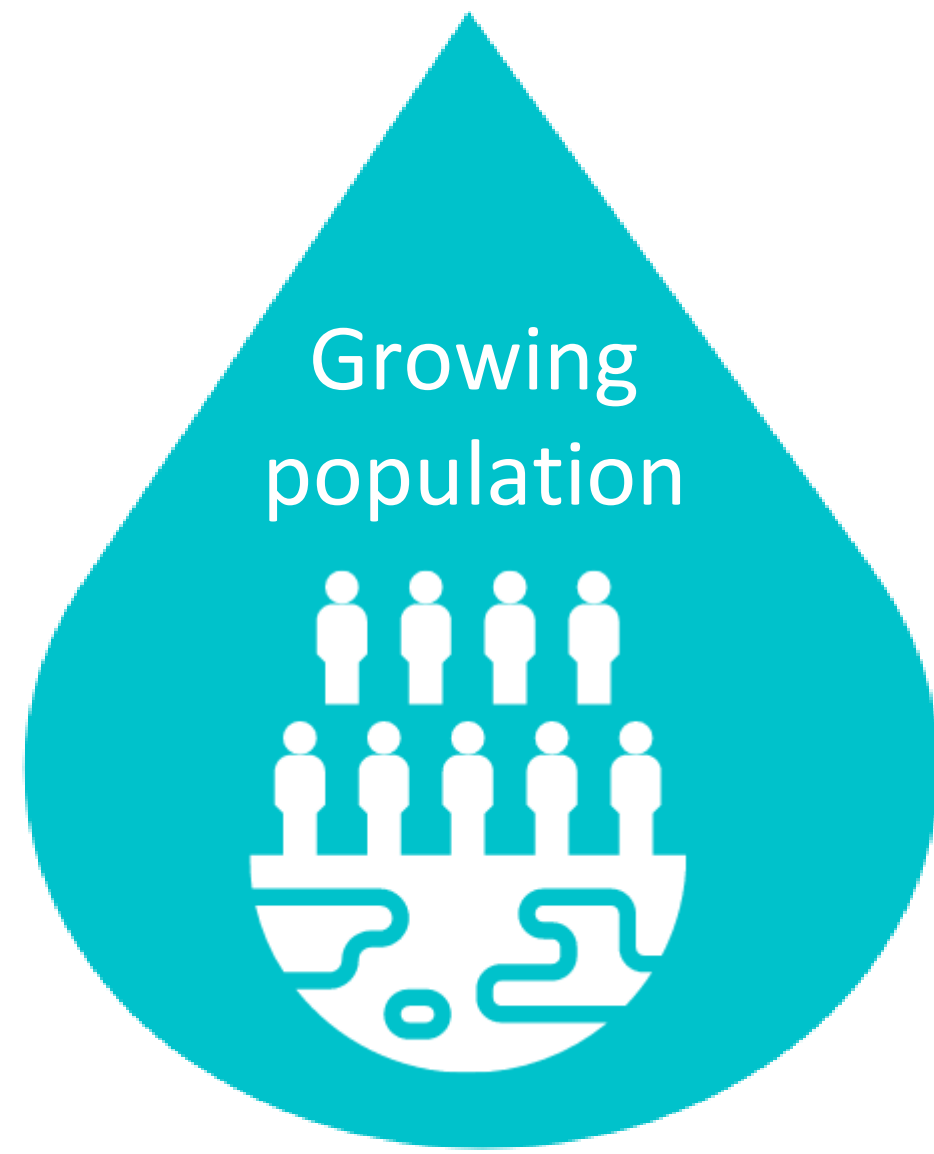
- ❑ Mission critical provider of wastewater treatment solutions
- ❑ Focused on the most attractive areas of the water sector
  - ❖ Water stressed regions
  - ❖ Wastewater treatment for reuse
- ❑ Our flagship solution, Biopipe, is a revolutionary biological treatment for sewage wastewater
- ❑ Patented Biopipe technology is a one-of-a-kind wastewater treatment system “inspired by nature,” and treats wastewater biologically without any chemicals by using a proprietary blend of enzymes and bacteria
- ❑ Biopipe is a highly scalable, affordable, low-cost efficient treatment system with a very small footprint
- ❑ Product portfolio serves residential, commercial, industrial, agriculture and municipalities
- ❑ Serving a large, growing and fragmented market with more than 37 installations in 15+ countries
- ❑ Global geographic reach serving North America, EMEA and APAC



# LifeQuest World Corp. Vision

- Maintain industry-leading singular platform for disruptive, affordable, highly scalable, and ecological decentralized wastewater treatment technologies
- Offer value added solutions that address the intersectionality of sustainable wastewater management and economic development
- Expand into water-stressed countries and build out eco-system for recycling of wastewater
- Achieve global scale with local expertise
- Drive faster than market growth and operational excellence
- Partner to create industry-leading product portfolio to offer treatment and reuse solutions to industrial customers to address the problem of industrial wastewater
- Be recognized as a thought leader in the water sector

# Water's Macro Trends



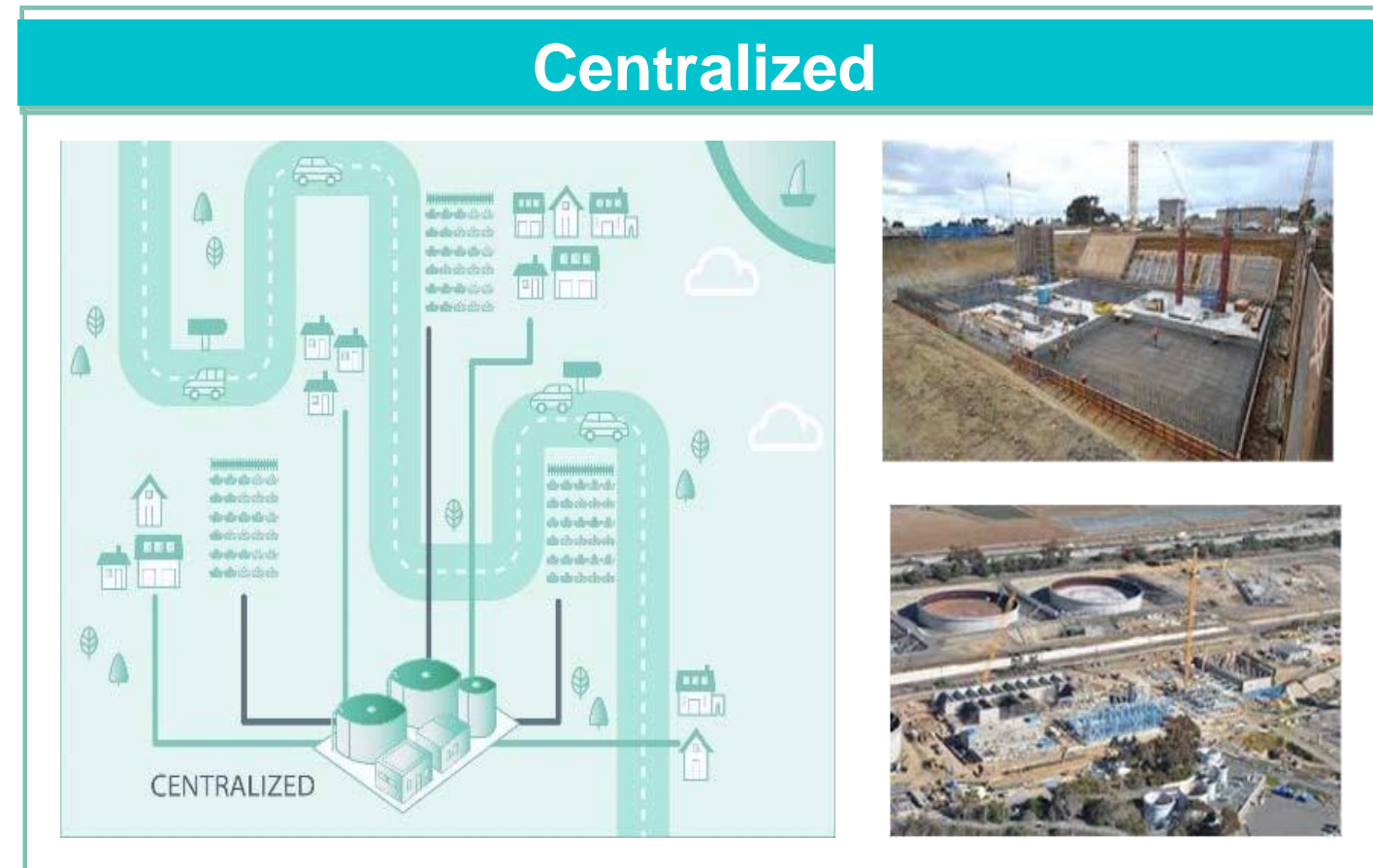
# Major Water Challenges of Our Time



# Focus on Onsite Treatment

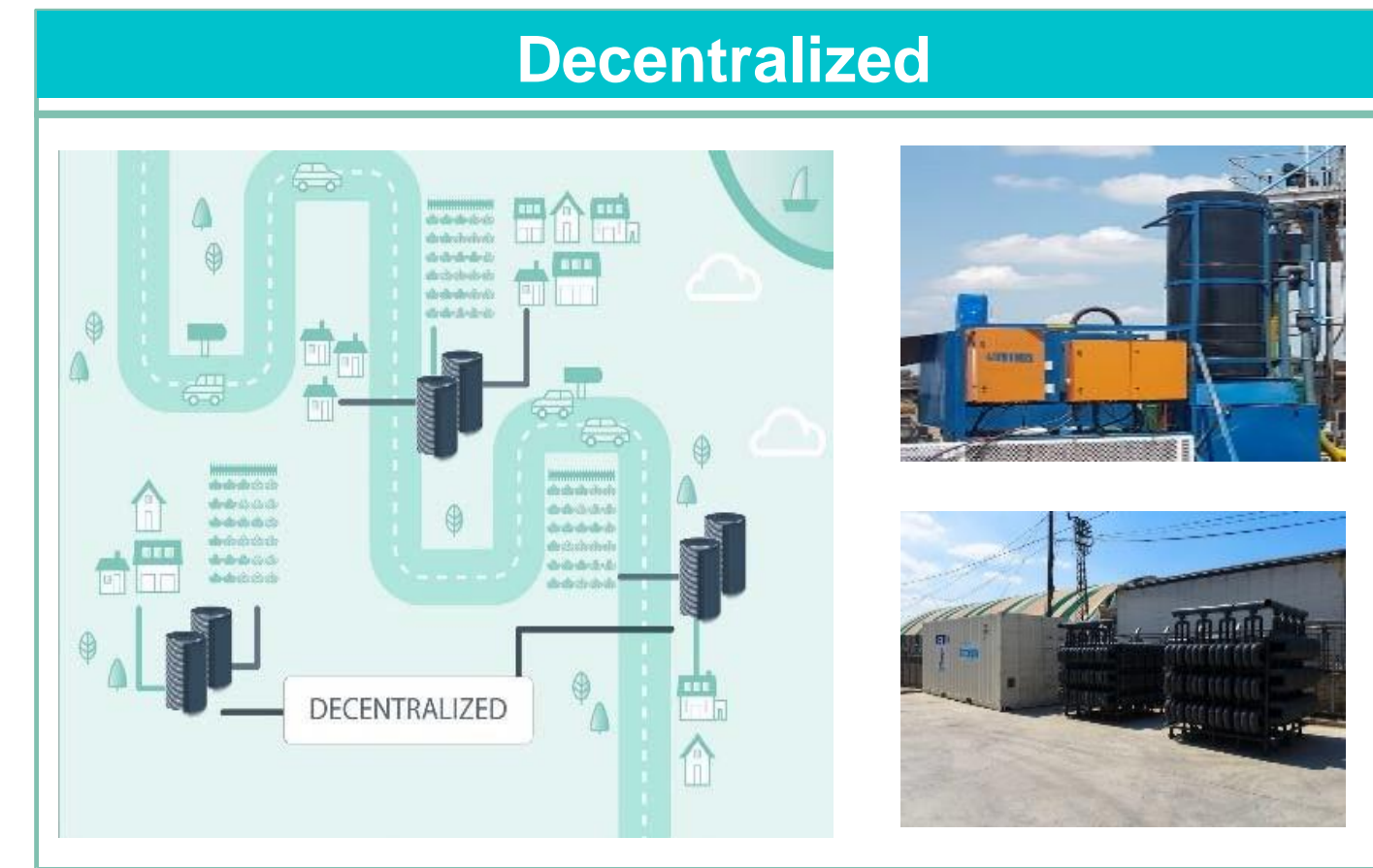
Urgent Need For Affordable, Fast-to-Deploy Solutions

*The Rationale*



- ❑ 2/3 of CAPEX before the plant (piping, pumping)
- ❑ Expensive to maintain and upgrade
- ❑ No flexibility and scalability
- ❑ Mainly for well developed urban areas

vs.



- ✓ 90 day of time-to-complete and lower, just-in-time CAPEX
- ✓ Capturing more value
- ✓ Scalable and customized to fit current needs
- ✓ Easy to upgrade and relocate

The global growth of modular, distributed wastewater plants is expected to rise to \$21.8 billion in 2021

# What is Biopipe?

World's first biological wastewater treatment system where the process takes place entirely inside the pipe

Installations in over 15 countries



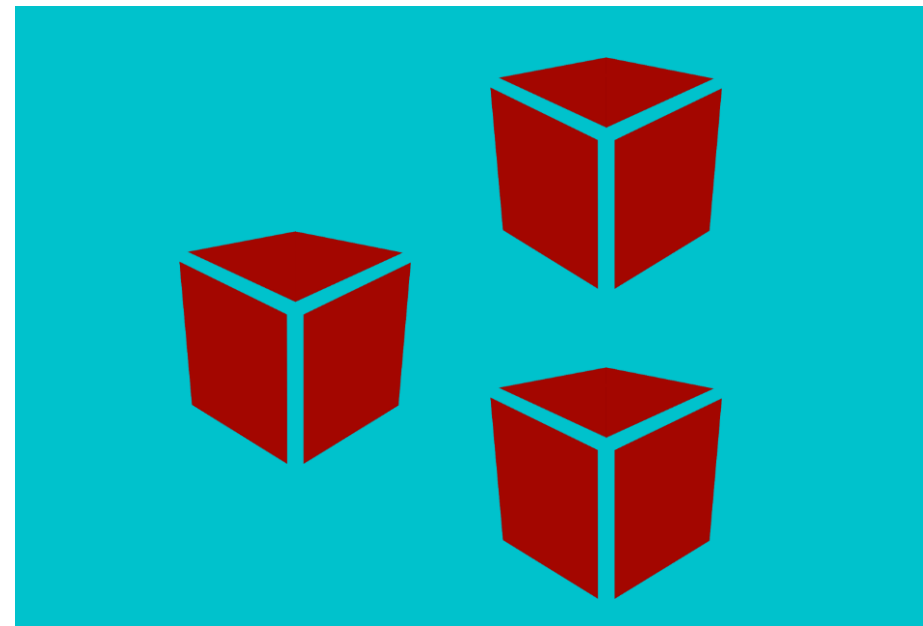
No Operator

No Sludge





# What is Biopipe?



Fully Automated

No Odor



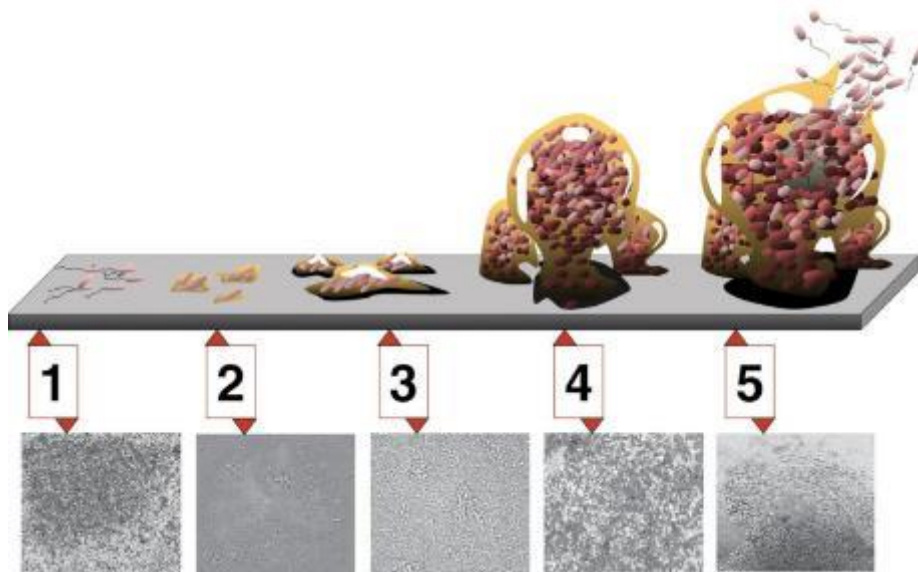
Eco Friendly

Modular Design

# Biopipe Process

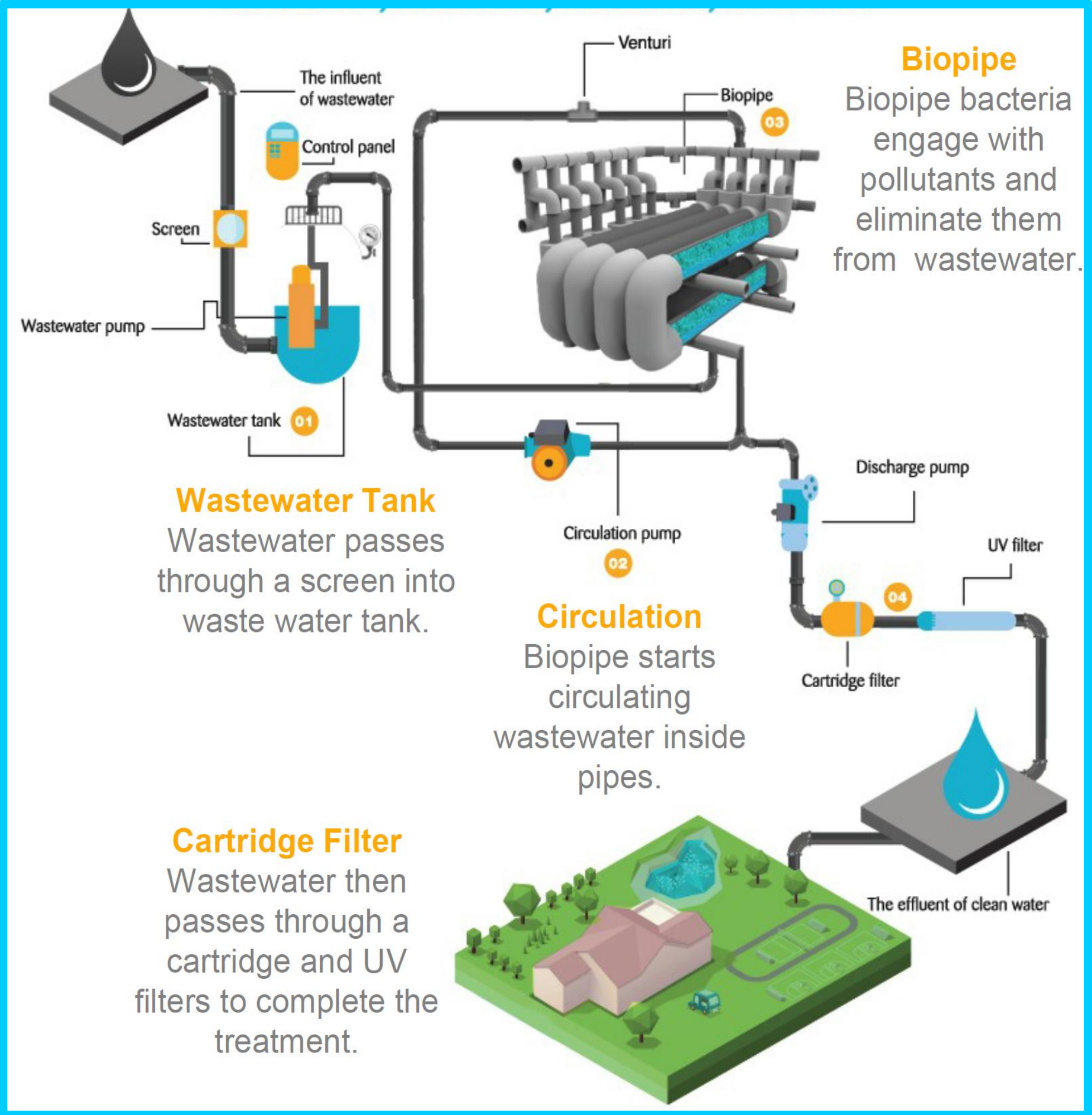


**Biofilm**  
Attached Growth



No Operator

No Sludge



# Biopipe Water Use & Benefits



Organic Farming

Toilet Flush

Irrigation

Cleaning

EU Standards

LEED Platinum

Save Water

Green Building

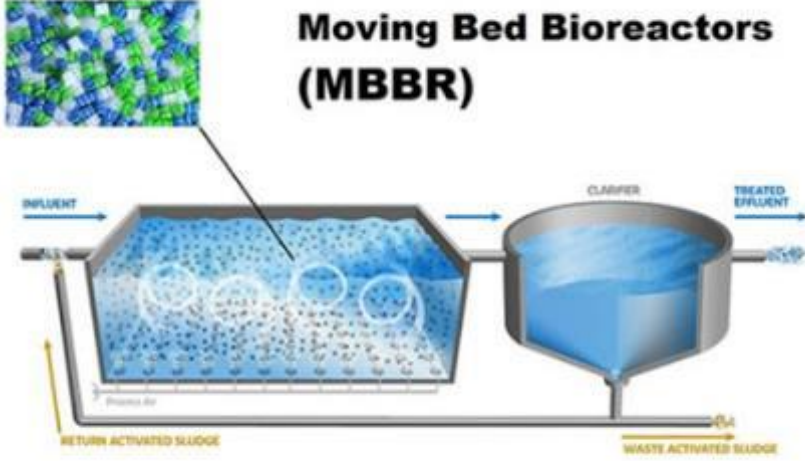
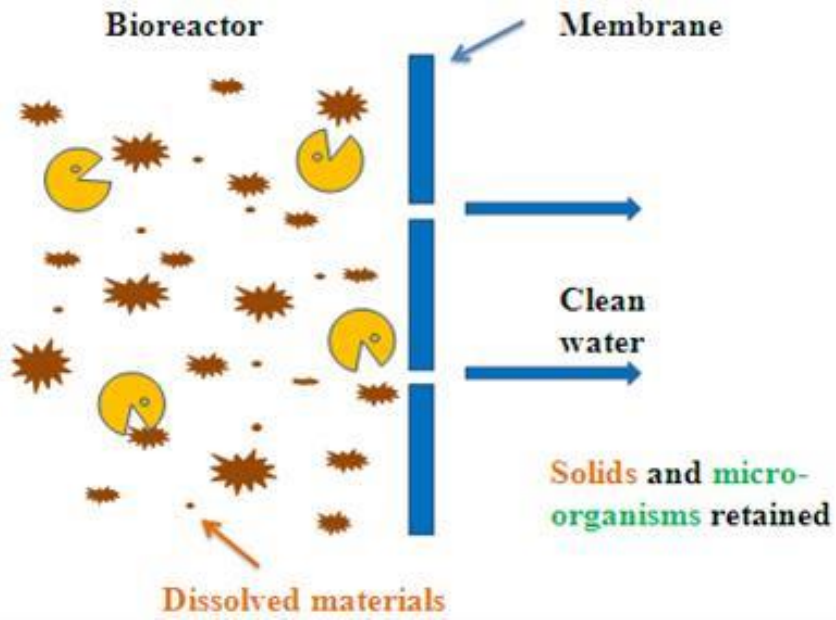
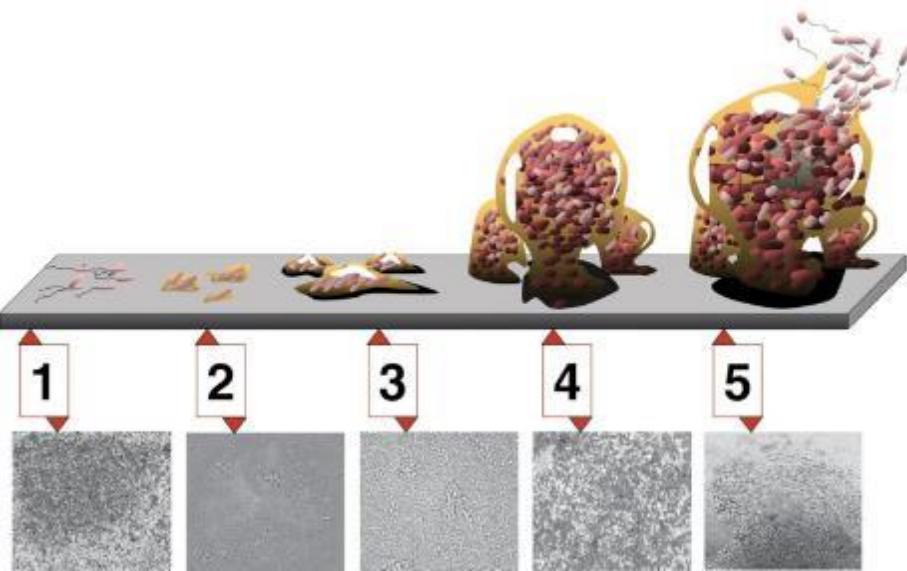
# Competitive Overview

BIOPIPE

MBR

SBR

MBBR



No

Yes

Sludge

Yes

Yes

7/24 Operator

Low

High

Maintenance Frequency

High

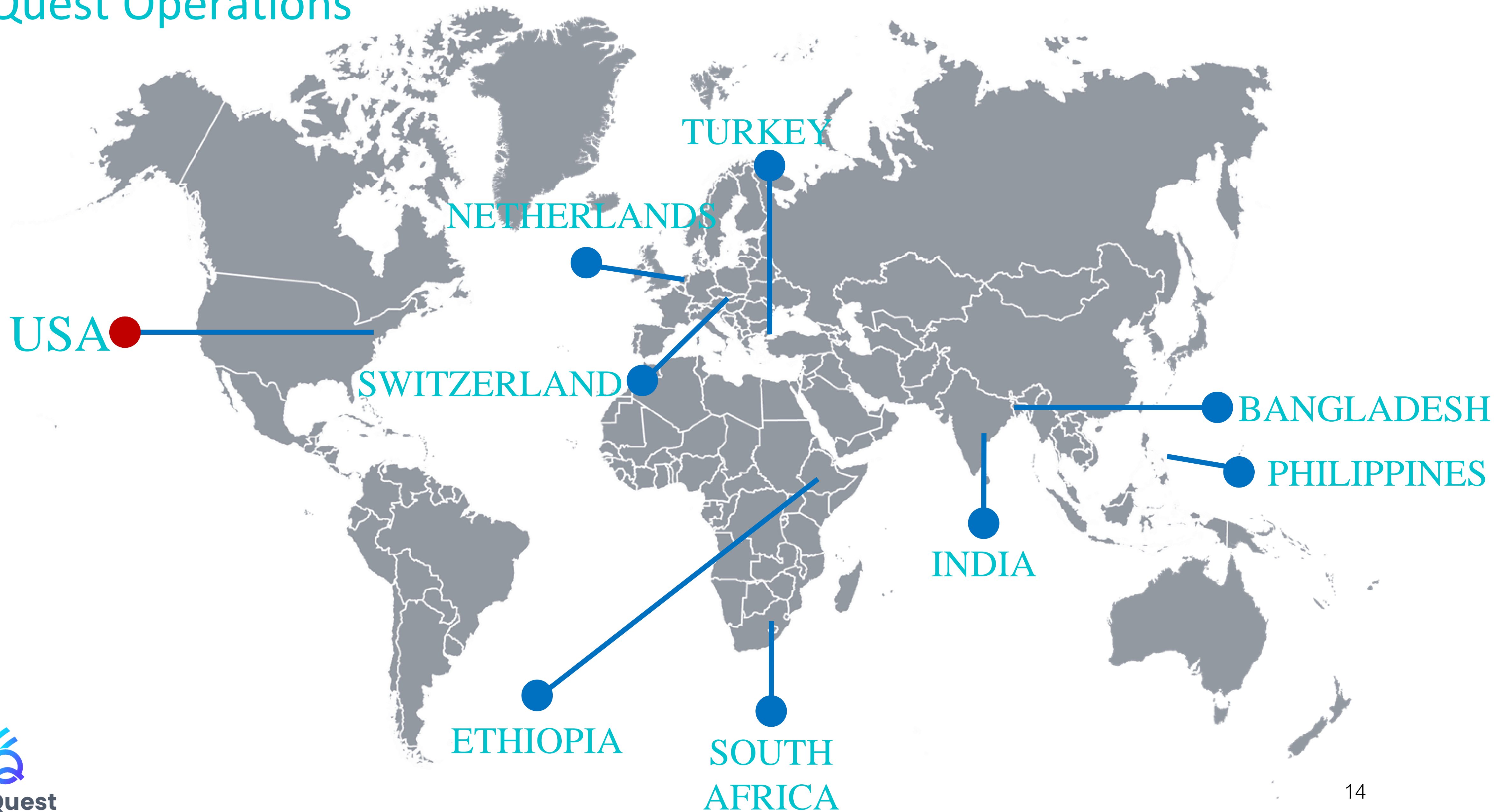
High

Operation Cost

# Biopipe Installations Around the Globe



# LifeQuest Operations



# Growth Strategy



Set up JV's in water stressed countries

Current JV Partners located in the U.S., India, Bangladesh, South Africa, Ethiopia, Philippines, and discussions for Pakistan, Malaysia, Bahrain & Qatar

Partner with various development institutions (World Bank, IDB, Foundations & NGOs) active in supporting decentralized sewage wastewater treatment

Introducing a containerized unit



Expand in N. America

Disrupt the septic tank market

Offer customized wastewater treatment solutions

Focus on Build Own Operate Transfer (BOOT) or Build Own Operate (BOO) model with recurring revenue and after market services instead of one-time sale



Expand product offering by incorporating Abrimix & other technologies to treat a variety of industrial effluents

Leverage our reputation and installed base to expand

## India

JV partner must generate 10,000m<sup>3</sup> annual threshold for exclusivity (estimated revenue stream U.S. \$6M)

Expanding channel partnerships and entry into government sector

Robust sales pipeline

## Bangladesh

JV partner must generate 2,500m<sup>3</sup> annual threshold for exclusivity (estimated revenue stream U.S. \$1.75M)

Government's Public Works adopted Biopipe as STP system for all government projects

Robust sales pipeline  
2 plants shipped in- spite of Covid-19

## South Africa

JV partner must generate 5,000m<sup>3</sup> annual threshold for exclusivity (estimated revenue stream U.S. \$3.75M)

Formed strategic relationship with Abrimix  
Focus on build and operate plants

1<sup>st</sup> Plant installation planned August 2020 with 11 in pipeline once standards achieved

## U.S.

JV partner is Hydro Agritech targeting 640 wineries in California  
First and each system estimated 10m<sup>3</sup>/day and expect to sell with minimum 200-400% margin

Hydro has nation-wide presence - JV working to install 10m<sup>3</sup>/day plant at Napa Valley winery  
2 additional orders in pipeline

Significant project as California Water Board- toughest water regulator in U.S. – must approve  
Application submitted to CWB

## Ethiopia

Exclusive Agent has submitted proposals totaling estimated U.S. \$12M

Estimated \$12M in proposals submitted  
Executed MoU with Ministry of Water & Irrigation

Ethiopia represents large TAM accounting for 7.5% of the global water stress

## Philippines

JV with Bpipe with exclusivity for the Philippines

Strong management team focused on sewage and industrial wastewater

Robust pipeline expected to accelerate after installation of demo plant



# LifeQuest Partners



**Abrimix has developed a unique patented, affordable, and scalable water treatment technology capable of treating wastewater, processed water or raw water**

- Abrimix can deliver tailor made solutions for several industries
- Abrimix's founder, Peter Jansen, has over 30 years of experience in the water treatment industry
- Abrimix High Shear Reactor (HSR) based on Reaction Enhancing Technology is a breakthrough approach to treatment of a wide range of influents
- Patented unit improves the speed and thoroughness of liquid and gaseous chemical interactions within aqueous solutions
- Proprietary design creates increased differential velocity gradients and unique impact zones that generate recurrent molecular collisions, extremely high shear and mixing intensity
- System can scale from 5m<sup>3</sup>/hour to 700m<sup>3</sup>/hour



# LifeQuest Partners



**Glanris developed the world's first 100% green hybrid, highly effective, light-weight, non-toxic filtration media expected to revolutionize water filtration for municipalities, businesses, homeowners and consumers**

- Glanris created a revolutionary new water purification media made from rice hulls
- Uniquely combines the features of activated carbon and ion exchange resin while removing a wider breadth of organics and contaminants
- Biodegradable and non-toxic, and can be easily disposed
- More effective than the two major current treatments (activated carbon and ion exchange resins) but at a fraction of the price

[Click Here For Additional Information:](#) 

# LifeQuest Partners



**The Goslyn™ Grease Recovery Device is designed to remove FOG (Fats, Oils, and Grease) from wastewater effluent**

- No moving parts to break and no messy, time-consuming grease traps to clean
- Small footprint easy to install in the smallest of prep kitchens
- Goslyn™ is the ideal separator for three-compartment sinks, dishwashers, prep sinks, woks, and kettles

[Click Here For Additional Information:](#)



# Management Team



**Max Khan**  
PRESIDENT & CEO



**Enes Kutluca**  
COO



**Freddie Canta**  
SVP



**Nlina Aquino**  
CMO



**Tanmay Pawale**  
SVP & COO, BIOPIPE

Began his career as a financial consultant in 1987 and founded Alliance Global Finance in 1992, which specialized in corporate finance and investment banking. Served as Director, President and CEO of PwrCor Inc. (PWCO) until June 2014. Currently oversees several private equity investments- [www.waste-equipment.com](http://www.waste-equipment.com) , [www.easternadironack.com](http://www.easternadironack.com) . Owned a FINRA registered broker dealer, Thor Capital LLC from April 2011 through May 2013. BA in Accounting and Economics from the City University of New York, and his MBA from Pace University.

Invented and founded Biopipe during his second year at Bahcesehir University, Istanbul. In 2012 he was named the best entrepreneur in Turkey by USA, and the most outstanding young businessman in Turkey. Invited to the U.S. by the Visitor Leadership Program (IVLP) under the direction of the U.S. Department of State in 2013.

Having invented Biopipe, Enes and partners/investors established 3 companies in Zurich, Istanbul and Dubai. In 2014, he partnered with Metito, Mitsubishi to expand global access for his product.

Over 20 years of experience in managing global operations and finance. Accomplishments include leading financial operations, driving complex international projects, conversions and programs, implementing/upgrading accounting systems, creating timely and effective financial reports, managing internal audits and conducting effective financial analysis.

Currently serves as a Director of Speedycourse.com, an online platform for training courses and learning events. Served in COO, CFO and Director roles in Euromoney Institutional Investor PLC subsidiaries e.g. Institutional Investor and Euromoney (Asia) over the last 20 years until September 2018.

Trained Architect from California with over 8 years of experience leading teams of engineers, designers and consultants in the Hospitality Sector for companies such as renowned London-based hospitality giant Soho House & Chipotle Mexican Grill.

Served as Project Architect at Soho House, overseeing project teams to plan, design, budget and execute members only clubs, spas and hotels. At Chipotle, working with Chief Development Officer & Chief Marketing Officer, she was instrumental in the fast launch of a new, modularized design. Within the U.S. Northeast market & Europe, she partnered with internal marketing teams to deploy the company's strong brand messaging. Graduated Cum Laude with a Bachelor of Architecture from Syracuse University.

Over 9 years of experience in the techno-commercial domain including Project Management, Business Development and Consulting to the Solar and Wind Energy sector. Extensive experience in research, advisory, and consultancy in renewable energy, energy management, rural development, climate change, and sustainability.

Effective team leading and management skills coupled with strong communications and interpersonal skills. Worked in the United Kingdom, Thailand, Sri Lanka, Philippines, and Turkey.

# LifeQuest Investment Thesis

## Our business addresses the intersectionality of sustainable development and sustainable water management

- ❑ Favorable macro outlook as water and sanitation is the core of sustainable development
- ❑ For every \$1 invested in water and sanitation, an average of at least \$4 is returned in increased productivity (Sanitation returns \$5.50 from \$1 and water returns \$2 from \$1) (WHO 2012)
- ❑ Global water and wastewater treatment market is expected to grow at a CAGR of 6.5% from 2019 to reach \$211.3 billion by 2025
- ❑ Robust sales pipeline
- ❑ Superior gross margins in the 60% range versus 20-30% for our peers
- ❑ Diversified manufacturing - Turkey & India
- ❑ Build Own Operate Transfer (BOOT), Build Own Lease Transfer (BOLT)Build Own Operate (BOO) opportunities which provides long-term recurring revenue and an estimated 40%+ equity IRR
- ❑ Growing asset allocation into Environmental, Social and Governance (ESG) or Impact and Sustainable Investment

# Financial Overview

LQWC

Investor Relations Page

<https://www.otcmarkets.com/stock/LQWC/profile>

<https://www.otcmarkets.com/stock/LQWC/news>

## LQWC SECURITY DETAIL

Share Structure

Common Stock: Par Value \$0.001

Outstanding

Restricted

Unrestricted

Held in CEDE

Preferred Stock

Long-term Debt

91,663,150

81,516,942

10,146,208

6,593,886

None

None

Company

Company Reg A Filing

[https://www.sec.gov/Archives/edgar/data/1060888/000166357720000042/lqwc\\_rega.htm](https://www.sec.gov/Archives/edgar/data/1060888/000166357720000042/lqwc_rega.htm)



# LifeQuest

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[john@berkshire-inc.com](mailto:john@berkshire-inc.com)  
(416) 705-9103

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[www.biopipe.co](http://www.biopipe.co)

# Appendix



# Most Common Questions Answered!

How can a wastewater treatment system claim to clean water yet produce no sludge or odors with the presence of matter in water (rags, towels, TSS, BOD, etc.)?

There is a screen bar located in front of the wastewater tank that screens inorganic particles larger than a half centimeter, so that we can eliminate towels, plastic materials and all other inorganic substances. In wastewater treatment there are 2 common types of methods used. The most common method is to use activated sludge, where bacteria is grown on the sludge and then this sludge is used in the process. In the end you get high amounts of waste sludge. The second method is to use biofilm bacteria that attaches on surfaces and treats wastewater. A common way to apply biofilm is in trickling filters where wastewater is given to a tank full of plastic balls where biofilm bacteria is attached to treat wastewater. At the end of the process you don't get sludge but dead biofilm bacteria.

BioPipe uses a similar process with biofilm where useful bacteria attaches on a surface inside the pipes. We see this process in nature as well. Let's say we pour wastewater in streaming wastewater. After few kilometers we can see that water in the river keeps green. That's also the biofilm process which works with the bacteria attached on the stones inside the river. In nature you can not see sludge! The idea behind BioPipe is to create small river streams inside the pipes and keep similar biofilm bacteria inside the pipes. This biofilm layer gets thick while feeding itself, after some time this biofilm layer can't transmit oxygen inside which causes biofilm to dis attach and keeps flowing with the water. One of the innovations BioPipe has is to prevent any clogs that may happen because of this dead biofilm bacteria. When the circulation completes, water is given to cartridge/disc filter to hold these dead bacteria. The only maintenance required in the BioPipe system is to clean this disc filter every 3 months. To give you an example a BioPipe system for 100 people has a disc filter the size of a 2.5 Cola bottle.

In conclusion, BioPipe does not produce any sludge but dead bacteria which is in very small amounts.

# Most Common Questions Answered!

The company uses a “circulation pump to separate organics materials...” if that is not sludge, then what is it?

Circulation pumps have a prefilter that holds hair, cigarettes, seeds, etc. These are the same pumps that are widely used in swimming pools to eliminate any small particulates that may pass through the screen bar.

What kind of bacteria is the company working with to degrade organic matter?

We work with biofilm bacteria to degrade organic matter.

BioPipe talks about their removal rates being above 95% for BOD, COD and TSS, in order to remove at least the first two pollutants, bacteria must use oxygen as an energy source. We cannot locate their oxygen supply.

We use Venturi Tee pipes after circulation pumps that suck air automatically during circulation. This way an air blower is not required. The number of Venturi pipes changes depending on the capacity of the system. The best thing about using Venturi pipes is that doesn't need any extra electricity.

What about Phosphorus and Nitrogen removal?

Phosphorus and Nitrogen removal is handled with separating the BioPipe into 2 modules. The purpose for this is to keep different bacteria in different pipes. BioPipe can remove Nitrogen and Phosphorus accordingly with EU standards.

BioPipe claims to have the technology with the lowest electrical demand. Based on their presentation they are running at around 8.17 kW/1,000 gal, what makes this BioPipe different from its competitors?

BioPipe does not use any air blowers, which require a huge amount of electricity.