



FORWARD WATER TECHNOLOGIES CORP.

TSXV: FWTC

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Forward Looking Information

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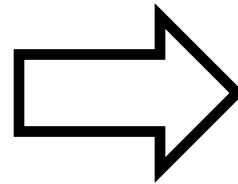
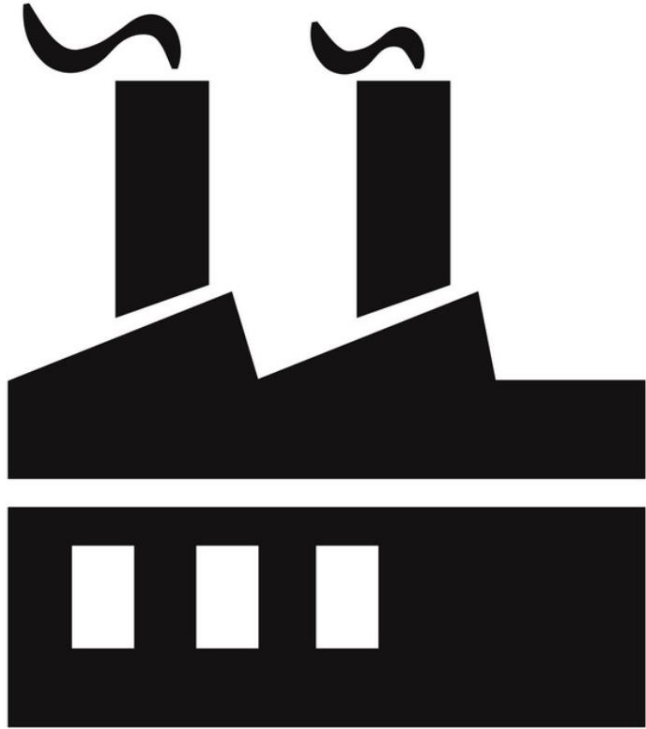
Forward-looking information relates to analyses and other information that are based on forecasts of future results, estimates of amounts not yet determinable and other uncertain events. Forward-looking information, by its nature, is based on assumptions, including those described below, and involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements to differ materially from those expressed in the forward-looking information. Any forecasts or forward-looking predictions or statements cannot be relied upon due to, among other things, changing external events and general uncertainties of the business. Results indicated in forward-looking information may differ materially from actual results for a number of reasons, including without limitation: expectations regarding future revenues, earnings, capital expenditures and operating and other costs; business strategy and objectives; market trends; the sufficiency of cash and working capital for future operating activities; expectations for other economic, business, regulatory and/or competitive factors related to the Company and FWTC or the industries in which it competes generally; anticipated production capacity; and other events or conditions that may occur in the future.

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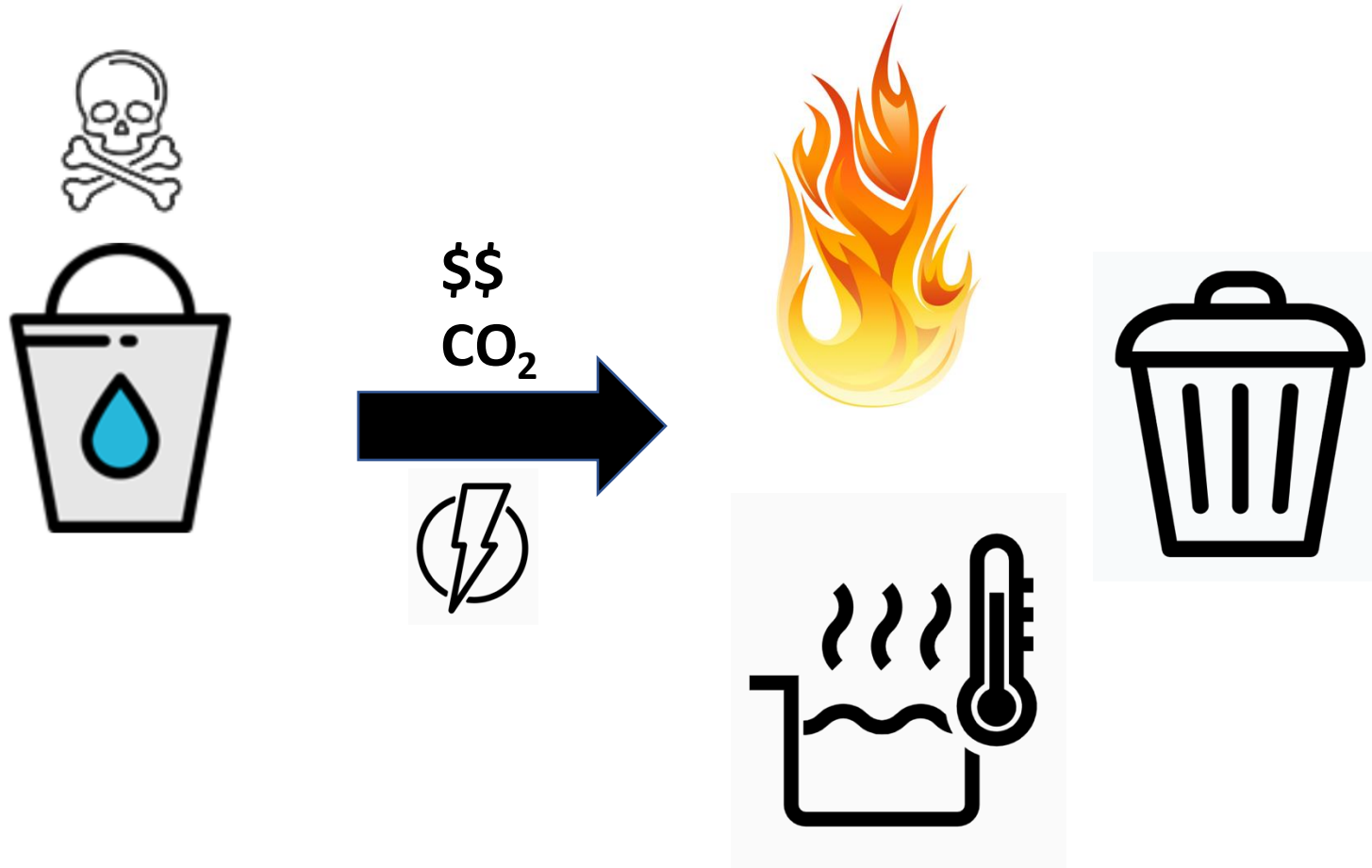
All forward-looking information in this Presentation is qualified by these cautionary statements. The forward-looking information is made only as of the date that such information is made, and is subject to change after such date. The Company disclaims any intention or obligation to update or revise any forward-looking information whether as a result of new information, future events or otherwise, except as required under applicable securities regulations.

An investment in securities of the Company is highly speculative and involves a high degree of risk, and should only be made by persons who can afford the total loss of their investment. See Risk Factors later in this presentation.

**MANUFACTURING THINGS WE NEED MAKES WATER POLLUTED.
REALLY POLLUTED.**



WHAT IF WE COULD MAKE IT CLEAN & RE-USE THAT WATER ?

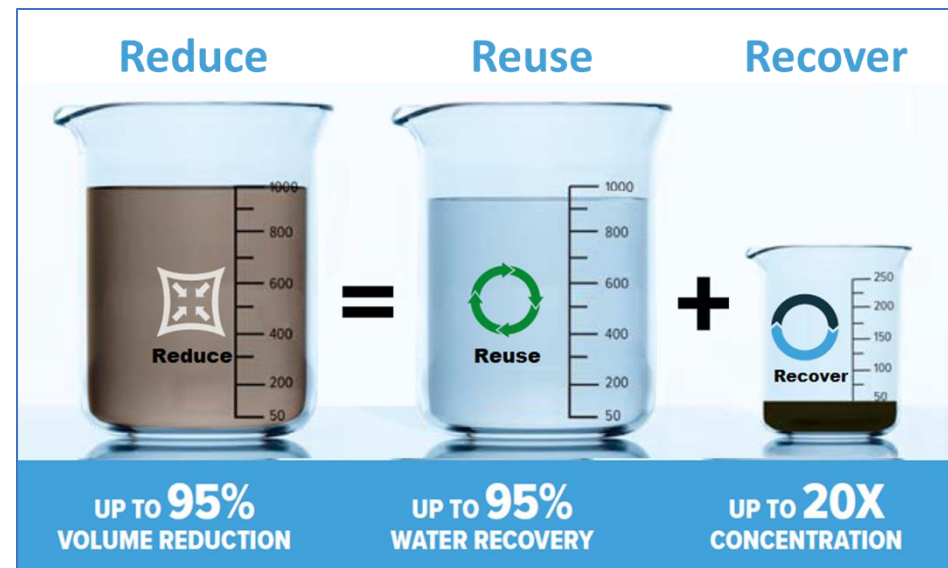


WHAT WE DO



FORWARD WATER TECHNOLOGIES CORP. (FWTC):

- Patented low-cost water treatment SYSTEM
- Reduces LIQUID VOLUME by as much as 95%
- Returns clean water to the process
- Concentrates valuable materials
- Applications across multiple industry verticals
- Eliminates or minimizes waste handling costs



EXECUTIVE SUMMARY

BUSINESS DESCRIPTION

- 1) **FWTC** provides a patented low-cost water treatment technology that recovers clean water through a membrane utilizing a low energy Forward Osmosis (FO) process.
- 2) **FWTC** has scaled, built, and delivered equipment to end users. **FWTC** is under contract to deliver its second commercial scale plant spring 2024.
- 3) **FWTC** has a robust and diverse pipeline of commercial projects with near term revenue visibility.

BACKGROUND

Founded: 2015

Website: www.forwardwater.com

2 Locations:

Sarnia, ON (HQ), Toronto, ON

Employees: 5 FTE

Key Shareholders:

- Bio-Industrial Canada
- Firstline Venture Partners
- GreenCentre Canada
- Directors

Intellectual Property

- 4 co-owned/exclusively licensed patents filed globally

FWTC MANAGEMENT TEAM



C. Howie Honeyman

CEO & President,
Director

PhD, Chemistry,
Materials Expert, 20 yrs in
new technology
development,
>50 US patents,
3rd Early-stage company



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Grant Thornley

VP Engineering
Sales

BSc (Eng)
30yrs + extensive
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Lead sales at Zenon
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Leonard Seed

Director of Ops
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MSc, P.Eng.,
18 yrs
process/product
development, 7 US
patents on water
treatment



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Dr. Philip Jessop

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Director

PhD, Chemistry,
Technology creator,
sustainable chemistry
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Mike Willetts

CFO

B.A.Sc., MBA, CPA
25 yr leadership in
automotive and
manufacturing
industries with fortune
500 companies



<https://www.linkedin.com/in/michaelwilletts/>

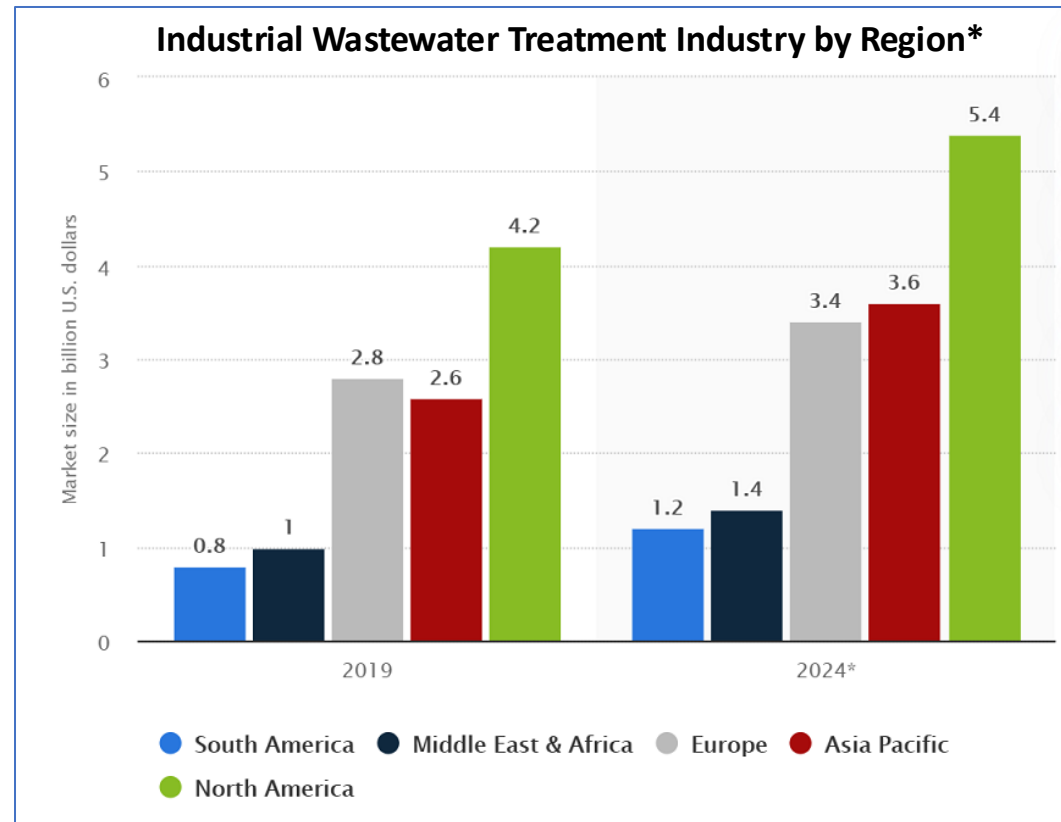
WASTEWATER INDUSTRY TRENDS AND NEEDS

INDUSTRIAL WASTEWATER
EQUIPMENT MARKET
2024*

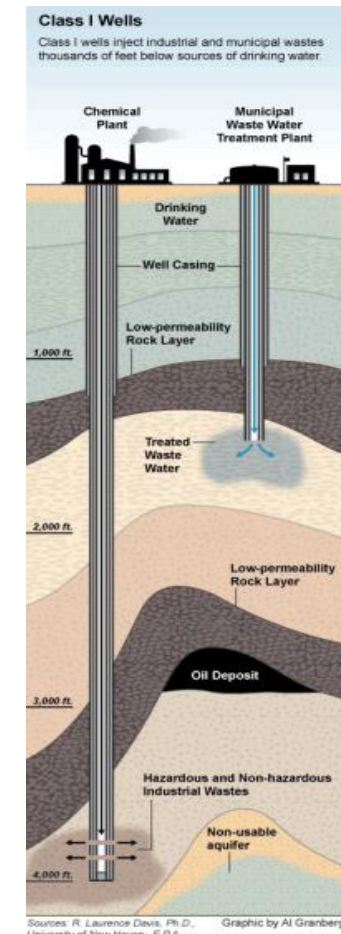
\$15B/Y

INDUSTRIAL WASTEWATER
GROWTH RATE (CAGR)*

5.8%



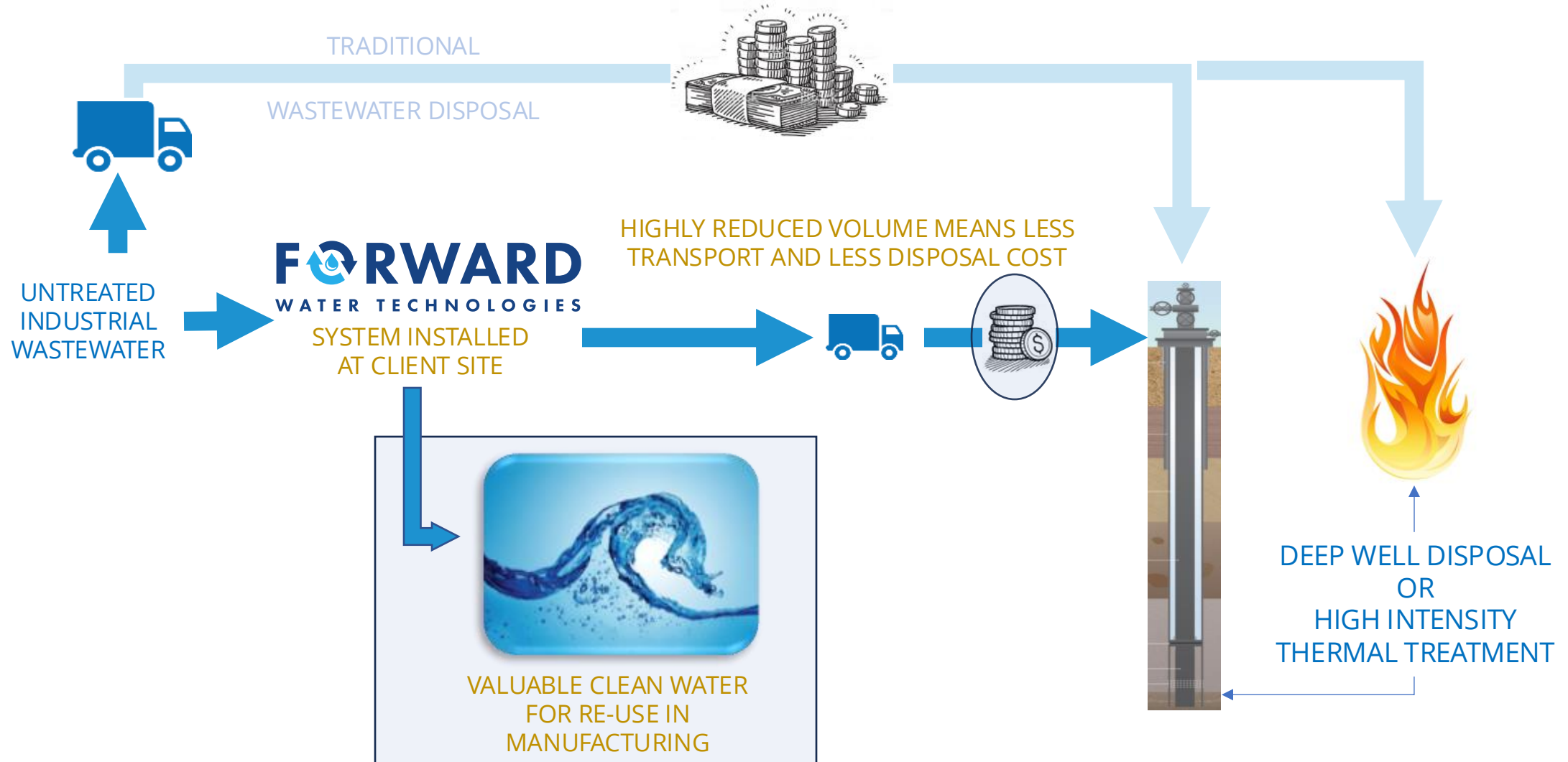
Wastewater sent to disposal wells removes the volume of 100 hrs of Niagara falls water, forever, each year**



Sources:
*Statista
** Science Daily & ProPublica
See complete references at end of this presentation

2030 : The global deficit for fresh water will reach 2,700 billion cubic metres – affecting 60% of the then world’s population. (World Bank, 2016)

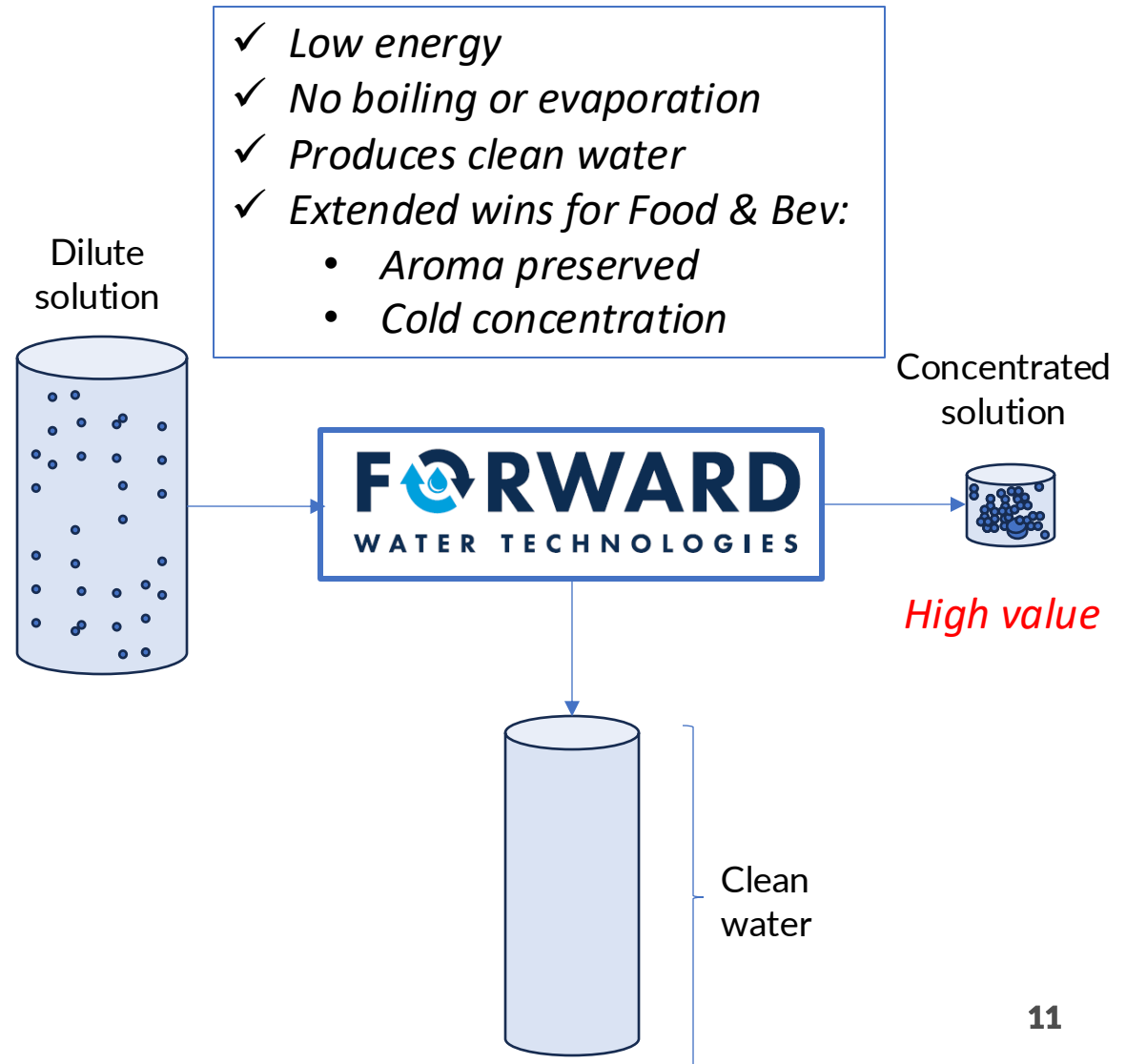
VALUE PROPOSITION VERSUS TRADITIONAL DISPOSAL



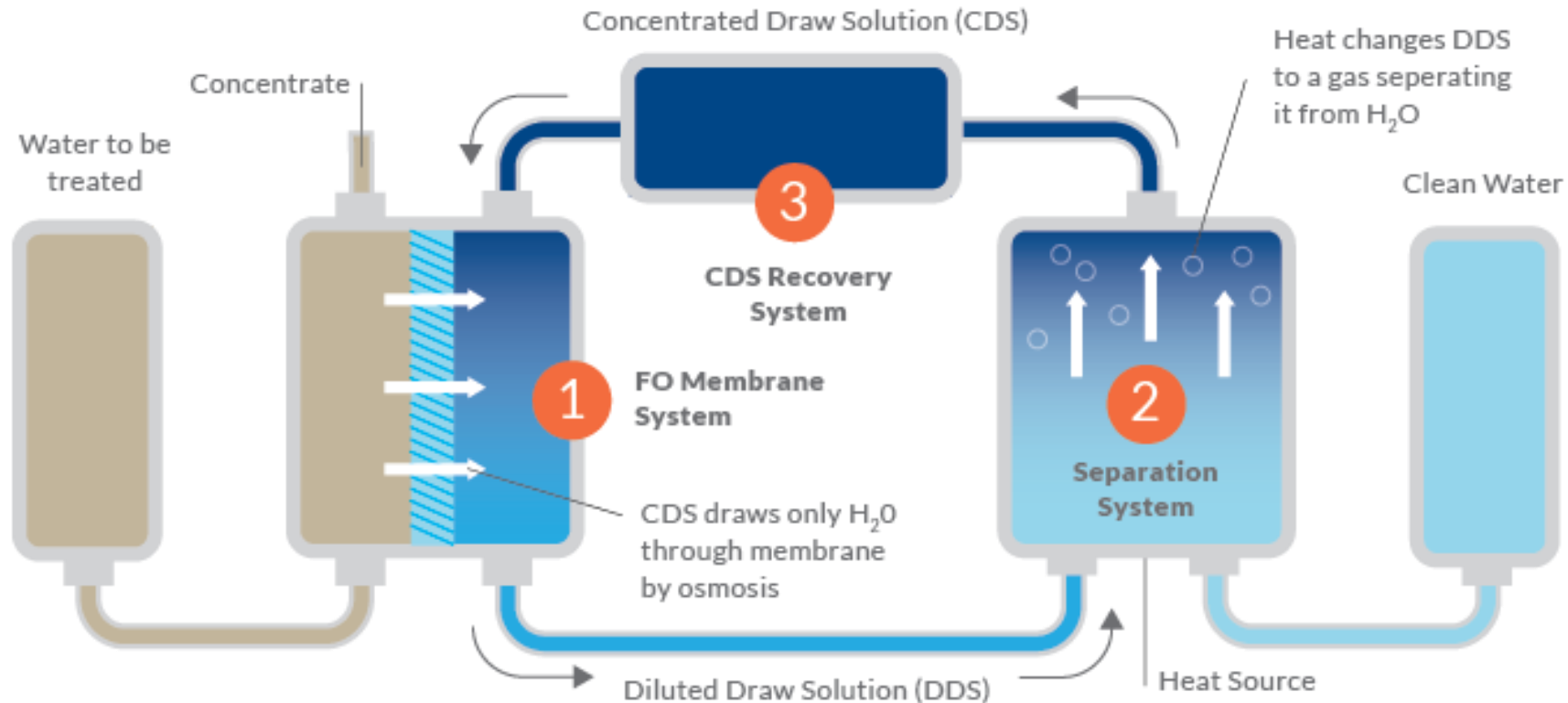
EXTENDED VALUE PROPOSITION

CONCENTRATION OF VALUABLE MATERIALS

- Isolation of high value minerals
 - E.g. Lithium brine processing in Direct Lithium Extraction (DLE)
- Food & Beverage concentrates with vastly improved quality
 - Juice
 - Syrup production
 - Beer, wine, and spirits
 - Extracts
 - Caffeinated products (tea, coffee)



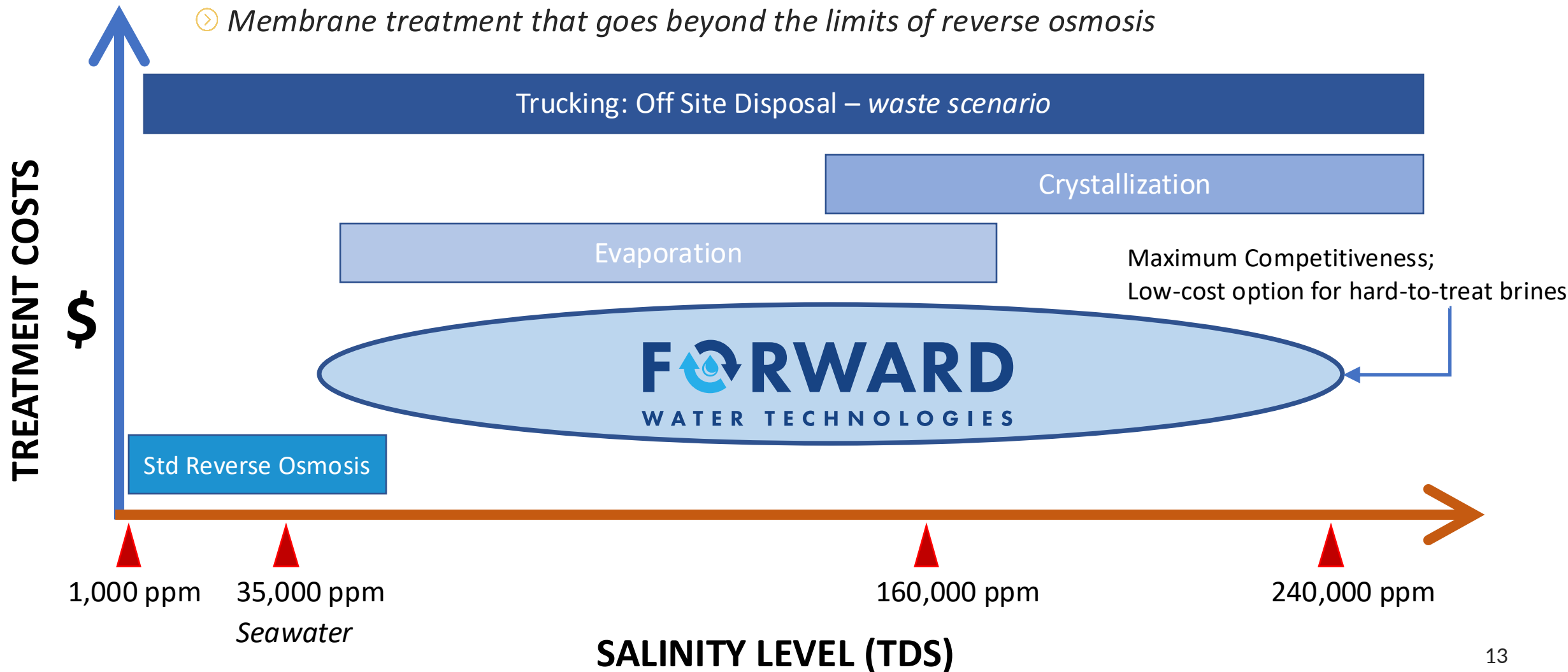
PATENTED 3 STEP WATER REMEDIATION SYSTEM



- 1 Water is pulled through a membrane by **osmosis** due to the high "salt" content on the opposite side.
- 2 The "salt" is converted to a gas that **bubbles** out of the clean water which is then discharged.
- 3 The gas is captured and turned back into a "salt" to be **reused** over and over.

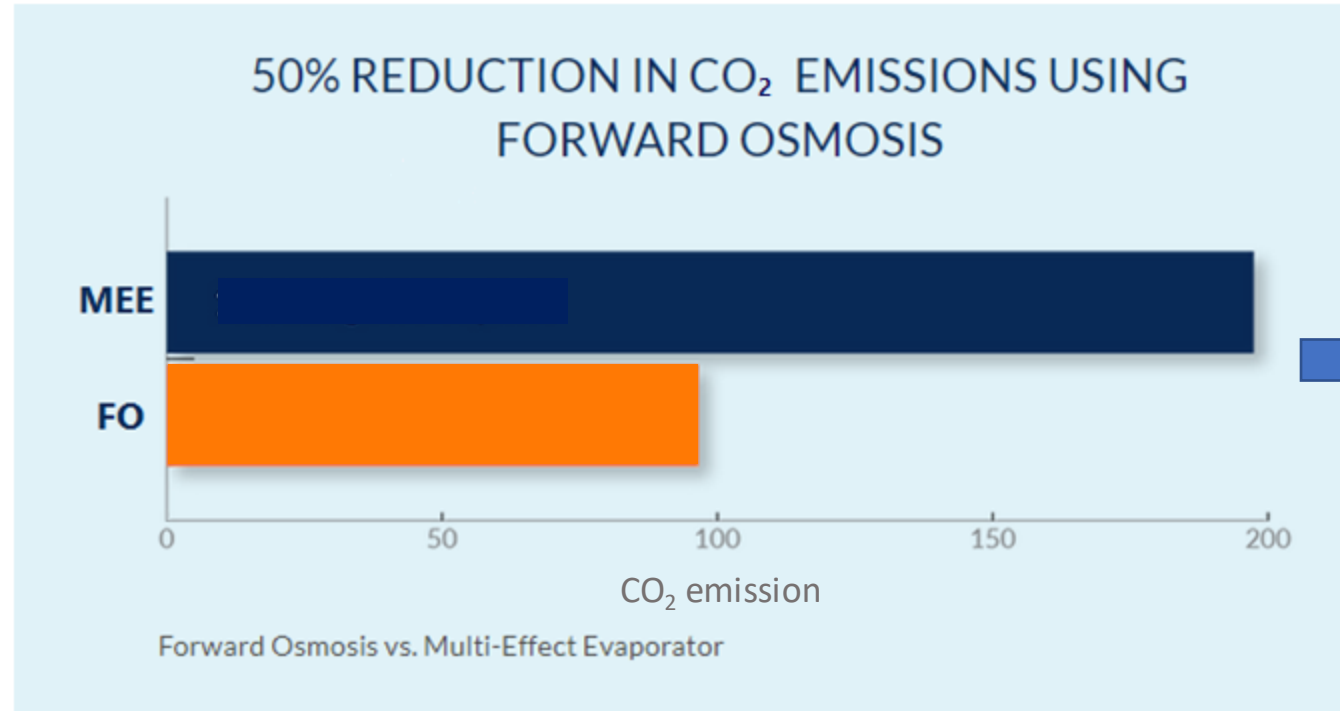
IP Protected: 4 co-owed/licensed patents filed globally
Additional IP licensed exclusively from Fujifilm Corp

FORWARD WATER: BEYOND THE SCOPE OF TODAY'S OPTIONS



ENVIRONMENTAL ADVANTAGES

WATER REUSE AND CO₂ REDUCTION



3rd Party Case Study shows as much as 50% lower CO₂ emissions compared to the competition: traditional multi effect evaporators (MEE)

- Reduced energy consumption leads to reduced CO₂ emissions
- Water is preserved through recycling process
- Clean water can be re-used or to replenish water reserves

Alignment with UN Goals



Forward Water Impacts 8 of the UN Sustainability Goals

- ✓ Cleaner Water (#6)
- ✓ Energy Production (#7)
- ✓ Sustainable Industry (#9)
- ✓ Urban Resiliency (#11)
- ✓ Sustainable Consumption (#12)
- ✓ Climate Action (#13)
- ✓ Above and Below Water (#'s 14 & 15)

FWTC'S KEY TARGET SECTORS

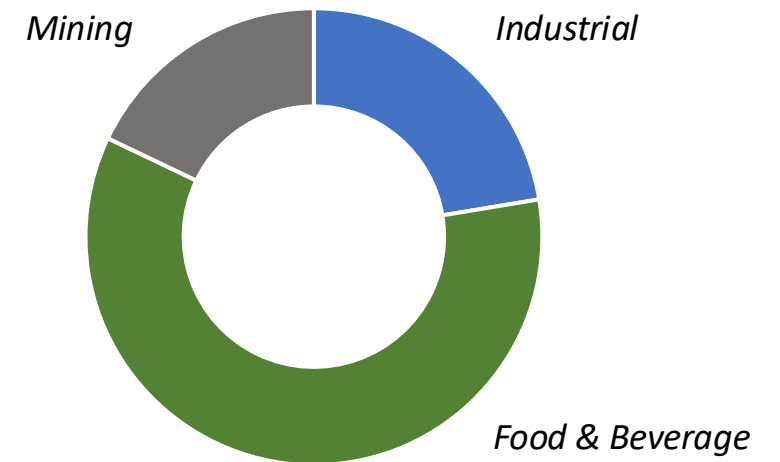
A \$67 BILLION ADDRESSABLE MARKET

- **INDUSTRIAL WASTEWATER*** (\$15B OPPORTUNITY)
- **FOOD & BEVERAGE**** (\$40B+ OPPORTUNITY)
- **MINING***** (\$12B OPPORTUNITY)

- **Emerging Sector : Lithium for EV batteries**

- \$22B USD (2022) with CAGR 22% to 2030 market total****
- Primarily recovered from under-ground water or brines
- Many opportunities for improved efficiencies when brines are concentrated by FWTC's FO water removal process

\$67 Billion



Sources:

*Statista

**The Business Research Company

*** PR News Wire

****Fortune, Business Insights

See complete references at end of this presentation

CASE STUDIES – Projected Impact

Pharmaceutical Wastewater

1. Water used to clean equipment becomes contaminated
2. Sent for incineration at $> \$450/\text{m}^3$
3. FWTC reduces waste volume by 95% and saves $\sim \$400/\text{m}^3$ or $\$480,000/\text{yr}$ per manufacturing line

Water Scarcity

1. Local water restrictions limit available process water
2. Process water volume limits production
3. FWTC can double the available water for processing
4. Enables large increase in product volume

One client est. $\sim \$35\text{M}$ additional revenue per production site

LITHIUM OPPORTUNITY

- **Under Contract** to provide field demonstration equipment for Clean Tech Lithium

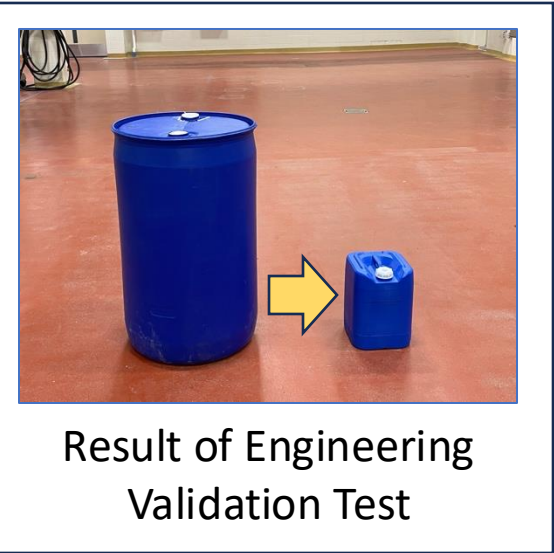
- Treat 80,000 liters of brine to produce ~ 800 kg lithium carbonate
 - Client proposes to use material to support off-take agreements
 - *PROCESS DEFINES QUALITY and QUALITY DEFINES SUPPLY CAPABILITY*
 - Project expansion is under discussion
 - Full commercial scale would require up to 4 FWTC plants, each would represent ~\$25M USD in revenue (see forward looking statements)
 - Process applicable to other lithium pipeline prospects

Partner/Clients →



- Engaged in technical discussions with 30+ additional globally positioned lithium companies

- All companies very sensitive to ESG profiles
- Samples exchanged with 8+ companies
- Technical advisor contracts with 2 companies for water management
- Negotiating on-site pilot trials with and additional 3+ companies



Hundreds of liters of brine concentrated to a fraction of original volume

COMMERCIAL SITE DEVELOPMENT

Essential to completing a commercial contract: Mobile Commercial Demo On-Site

- Revenue generating field qualification
- 35,000 L/d capacity
- Transportable for on-site operations
- Targeting revenue generating testing projects
- Wins :
 - double production
 - reduce waste costs
 - increased process efficiency



*Photos from installation October 2024
Elk Grove, Illinois, USA*

INCREASING REACH & AWARENESS

Engaged Manufacturing Representatives & Licensees

- Manufacturing reps enabled on a global basis
- Royalty based license with partner in India
- Entered into distribution partnership with key membrane supplier
- Engaged engineering marketing team



CLIENTS ENGAGED

Several clients generating revenue or in project planning

- Lead Sectors:
 - Food waste handling
 - Mining
 - Direct Lithium Extraction*
 - Petrochemical
- NDA's signed across all sectors
 - 30+ in the lithium sector
 - Including major global mining companies
- Performing *revenue generating* tasks
 - Lab testing
 - Engineering evaluations & consulting
- Initial field trials are being planned



*See: Northern Miner Article

REVENUE MODELS

1. Build Own Operate :

- FWTC constructs a facility for on-site operation and operates the equipment as a service. Customer pays a fee for each cubic meter of wastewater treated. *Payback estimated at 18-24 months.*

2. Build Operate Transfer :

- FWTC constructs and operates the equipment as a service. Over time ownership and operations are taken over by customer via purchase. Service and maintenance contracts will continue post-transfer.

3. Licensing :

- Addressing foreign markets, FWTC licenses the technology with well established equipment providers and operators.

SUMMARY

- Technology proven at commercial scale
 - Lower capex and opex: “Better, Faster, Cheaper”
- Clean Water Global Total Addressable Market > \$60B
 - ✓ Fresh water shortage, Environmental regulation etc. will drive market adoption of FWTC’s Solutions
- Pipeline of near-term commercial projects across multiple industry verticals
- Strong IP portfolio with multiple global patents
 - ✓ co-owned or exclusively licensed

The logo for Forward Water Technologies features the word "FORWARD" in large, bold, white capital letters on a dark blue background. The letter "O" is replaced by a circular icon containing a blue water drop and a white circular arrow. Below "FORWARD", the words "WATER TECHNOLOGIES" are written in smaller, white, spaced-out capital letters.

FORWARD

WATER TECHNOLOGIES

- ✓ *>\$20M invested*
- ✓ *Proven technology*
- ✓ *Proven scalability*
- ✓ *Robust pipeline*
- ✓ *Near term commercial validation*
- ✓ *High Operating leverage w/ low Capex = Compelling upside relative to current valuation*

C. Howie Honeyman, CEO

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Further Information;

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TSXV: FWTC

References

- Slide 9:

- <https://www.statista.com/statistics/1099424/market-size-industrial-wastewater-treatment-global-by-region/>
- <https://www.sciencedaily.com/releases/2013/09/130905085908.htm>
- <https://www.propublica.org/article/injection-wells-the-poison-beneath-us#:~:text=Series%3A%20Injection%20Wells,-The%20Hidden%20Risks&text=Over%20the%20past%20several%20decades,as%20an%20invisible%20dumping%20ground>

- Slide 16:

- Flavoring Syrup and Concentrate Manufacturing Market Global Briefing, 2019
- The Business Research Company, June 2019
- <https://www.prnewswire.com/news-releases/global-mining-water--wastewater-treatment-market-report-2019-2023-focus-on-growth-opportunities-for-sustainable-solutions-300962194.html>
- <https://www.fortunebusinessinsights.com/lithium-market-104052>

- Slide 21:

- <https://www.northernminer.com/digital-edition/volume-109-number-20-november-2023/>