



2023 NAATBatt Annual Conference

Aquatech Member Update



Your Trusted Partner for High-Purity EV Battery Metal Production

Aquatech is the global leader in producing high-quality lithium products for EV batteries and recycling. Our end-to-end solutions ensure efficient and reliable results for your business, from testing to final output. We guarantee the highest-purity EV battery metal production.



Over
2,000
installations in
60 countries

Founded in
solely focused on
water treatment

Cutting-Edge
Laboratory, Piloting,
and R&D Capabilities

1981

Over **200**
Engineers

Offices in:
North America
The Middle East
Europe
India
China



ExxonMobil



OUR COMMITMENT TO RESEARCH & DEVELOPMENT

Our commitment to R&D has led to our early engagement & emerging leadership in key ESG-centered industries.



Biofuels



Green & Blue
Hydrogen



EV Batteries



Carbon Capture
& Sequestration

Aquatech has positioned itself as a technological partner to emerging industries focused on addressing climate change.

Our technical capabilities position us well to solve complex issues and support our customers through the project lifecycle.

CIRCULAR ECONOMY

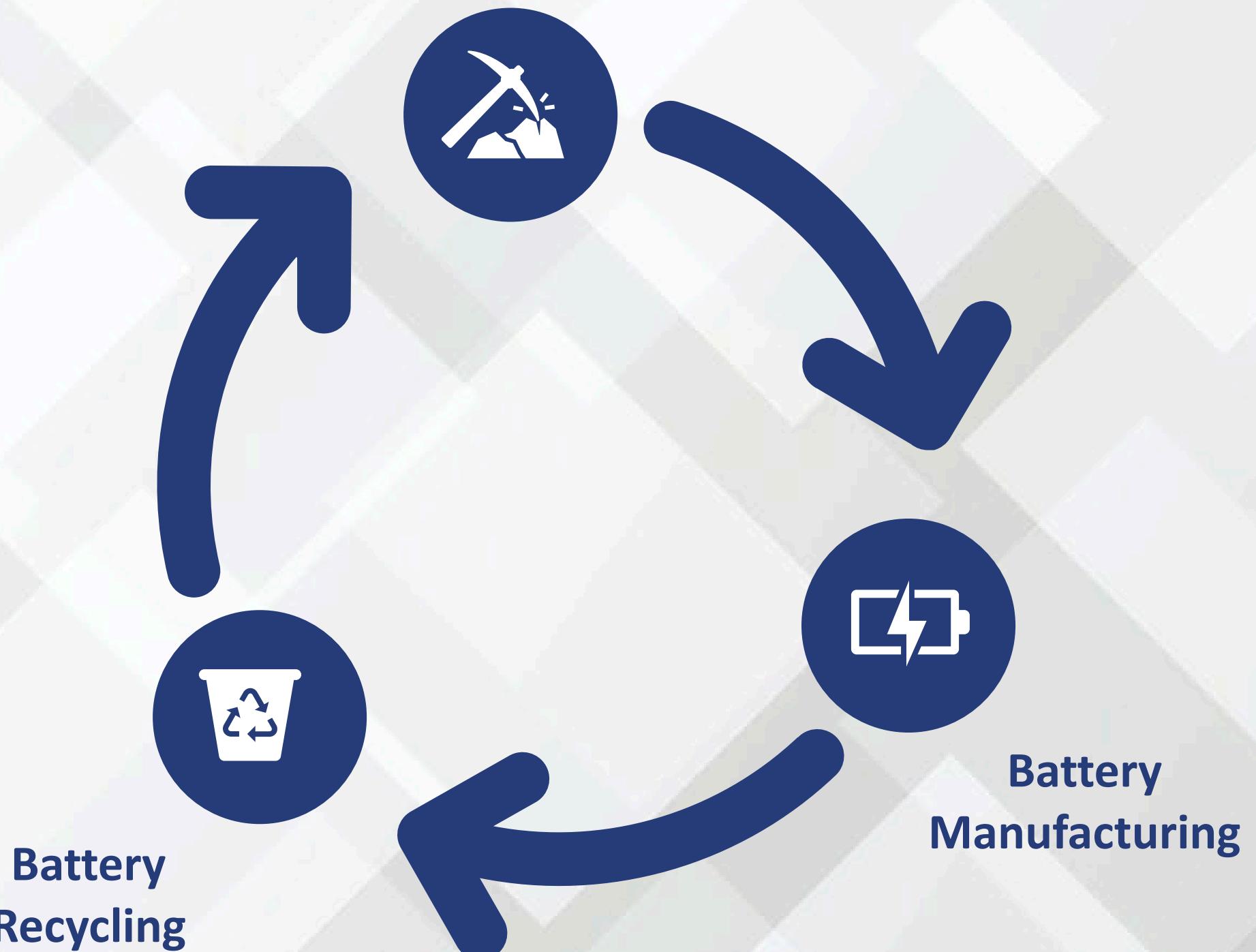
Product crystallization

- ❖ Lithium Salts
- ❖ Nickel Sulfate
- ❖ Cobalt Sulfate
- ❖ Manganese Sulfate

Refining & Purification Technologies

- ❖ UF-NF-RO Membranes
- ❖ Physical – Chemical Treatment
- ❖ Ion Exchange
- ❖ Brine Concentration

Mining &
Refining



Battery
Manufacturing

Battery
Recycling

PROCESSING BATTERY GRADE LITHIUM



Salar



Clay



Brine



Spodumene

Complete lithium processing capabilities:

- ❖ **Battery-Grade:** lithium carbonate (>99.9% purity), lithium hydroxide monohydrate
- ❖ **Lithium Salts:** lithium chloride, lithium sulfate, lithium bromide, lithium phosphate
- ❖ **Resource Recovery:** boric acid, potassium chloride, potassium sulfate, magnesium sulfate, sodium sulfate, sodium chloride

END-TO-END SOLUTIONS

- ❖ Process Development
- ❖ Pilot Testing
- ❖ Process Engineering
- ❖ Detailed Engineering
- ❖ Full Solution Supply
- ❖ Commissioning & Start-up

APPLIED DEVELOPMENT & TESTING

 Hartland, Wisconsin

❖ Process Development

- Bench-Top Testing
- Process Simulation

❖ Process Demonstration

- Pilot Testing
- Product Samples for Market

❖ Product Characterization

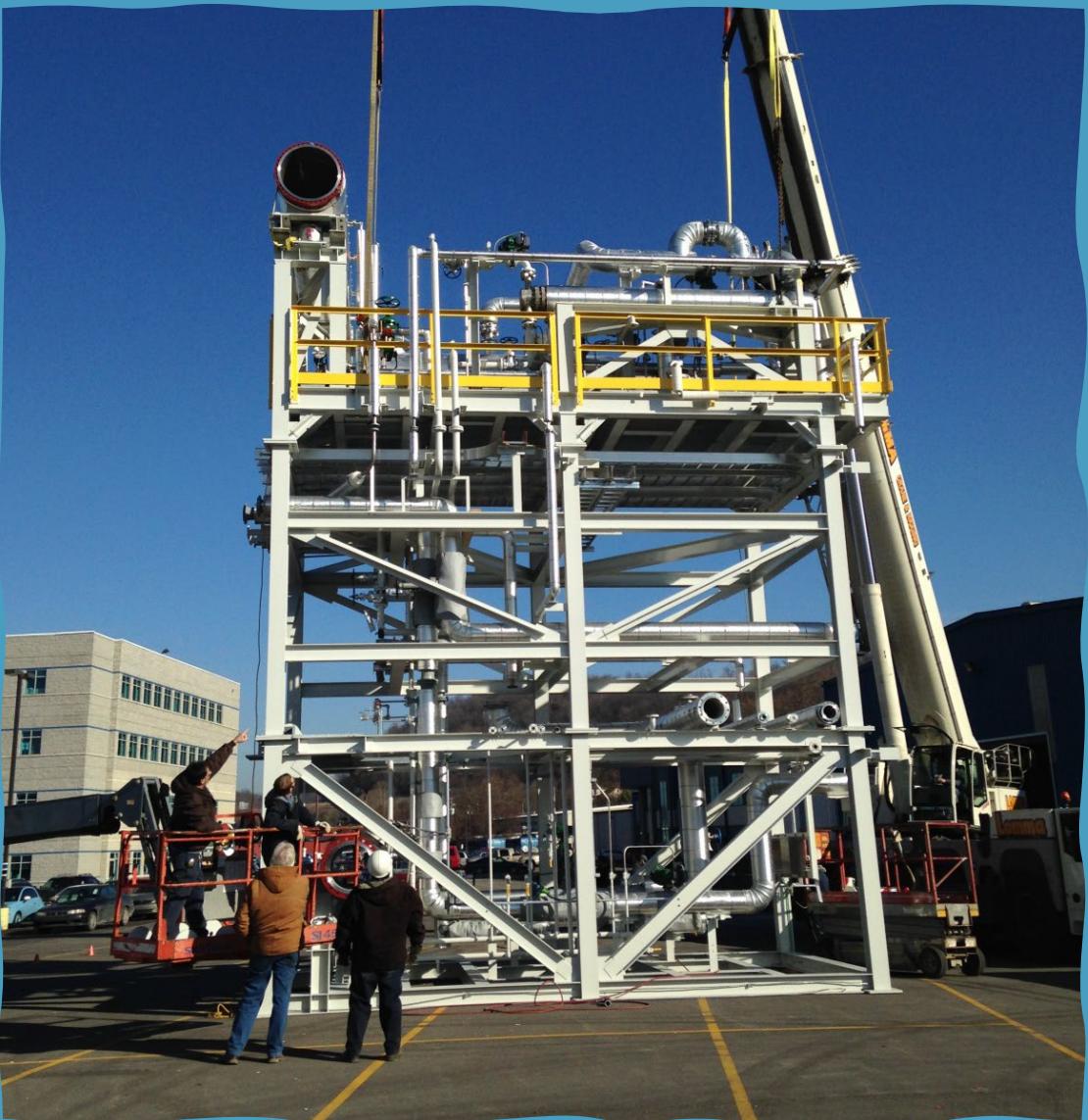
- Elemental Analysis
- Microscopic Imaging
- Property Determination



MODULARIZATION ASSEMBLY SHOP

📍 Canonsburg, Pennsylvania

- ❖ 100,000 ft² manufacturing facility
- ❖ Engineering & fabrication
- ❖ Module fitting & final assembly



AFTERMARKET SERVICES

- Water Treatment Audits & Plant Optimization
- Operations & Maintenance
- Build, Own, Operate, Transfer (BOOT) & Leasing
- Short-Term Rentals & Leases
- Digital & Monitoring Tools
- Performance Chemicals & Spare Parts



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