



HYDROMET UPCOMING.....

SPENT LIB RECYCLING FACILITY

About the Facility

At Hydromet, we are committed to sustainable & innovative energy solutions. We are establishing a state-of-the-art spent lithium-ion battery recycling plant in Gujarat with a capacity of 2,000 tons per annum.

Our facility specializes in the eco-friendly recovery of critical materials such as Lithium, Cobalt, Nickel and Manganese from spent batteries. Using advanced hydrometallurgical technology, we maximize resource recovery while minimizing waste and environmental impact.

Key features of our Spent LIB Recycling plant.

- ✓ Innovative Patented Hydrometallurgical Process
- ✓ Eco-Friendly Operations
- ✓ Closed-Loop Recycling
- ✓ Strict Regulatory Compliance

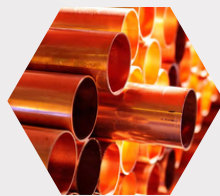
KEY MARKET DRIVERS

- ✓ Business Opportunity
- ✓ Scarcity of Critical Minerals
- ✓ Circular Economy and Resource Security
- ✓ Environmental and Sustainability Goals
- ✓ Corporate ESG Commitments

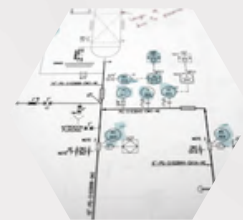
OUR PROPOSED SOLUTION



**Patented
Technology**



**High Recovery of
Metals > 95%**



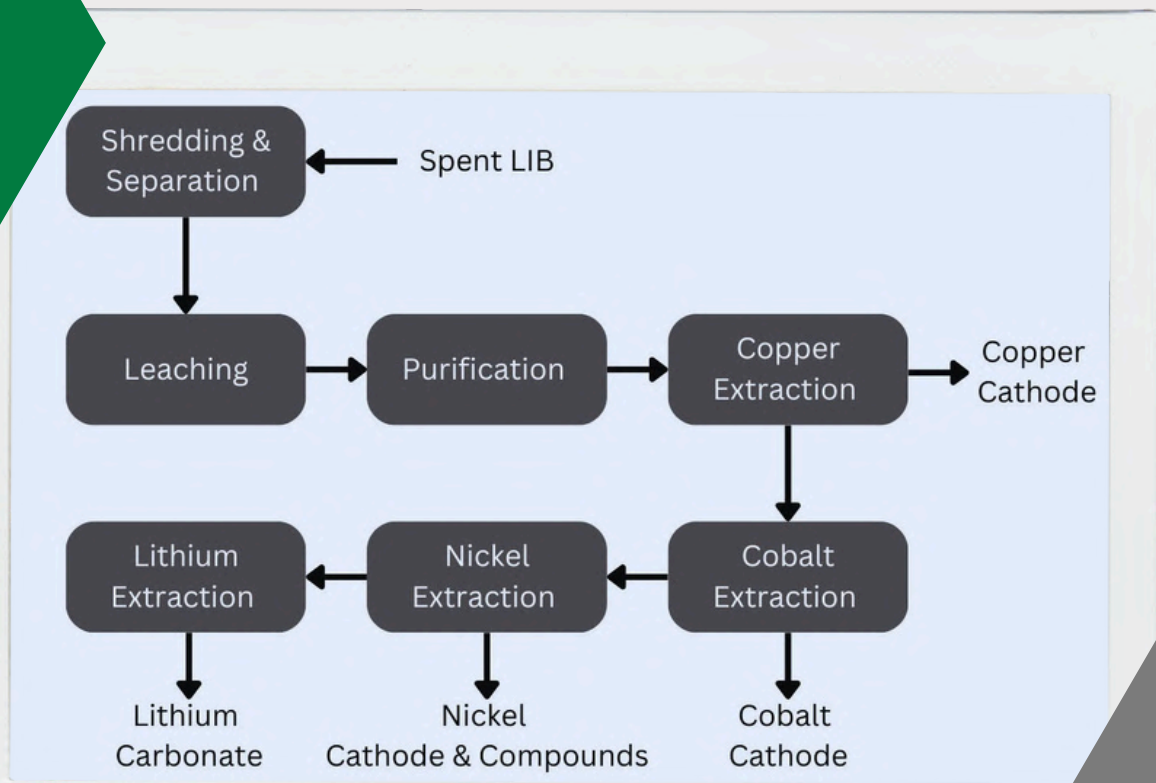
**Flexible
Flowsheet**



**Zero Solid
Waste**



**Single Location Spoke
and Hub Model**



HYDROMET FLOWSHEET

HIGHLIGHTS

Location : GIDC Saykha, Gujarat, India

Capacity : Spent LIB 2,000 tons / annum

Capital Expenditure : Among the lowest in the world
(\$/ton of Spent LIB)

Phase 1 : Commissioning by December, 2025

Phase 2 : Commissioning by September, 2026

Pollution Control Board : Consent to Establish (CTE) obtained.

SCALABILITY POTENTIAL

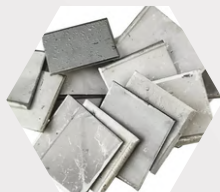
Looking ahead, we plan to establish modular spent lithium-ion battery (LIB) recycling plants with an annual capacity of 10,000 tons across India and global locations.



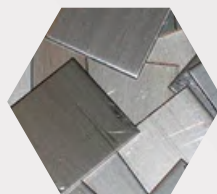
OUR PRODUCTS



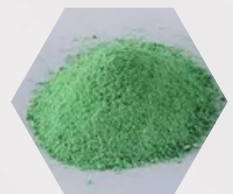
Copper Cathode



Cobalt Cathode



Nickel Cathode



Nickel Carbonate



Nickel Oxide



Lithium Carbonate



Mixed Hydroxide Precipitate



Manganese Dioxide



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