

# Electrifying battery recycling to close the loop



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# About NEU



## Technology

- Scaling the world's first electrochemical redox process for battery recycling
- Patented LFP recycling process
- Modular units consume only water and electricity
- Battery material input: Production scrap, cathode sheets, black mass



## Partnership

- Contractual agreements in Europe, India and Asia with global battery manufacturers and recyclers on LFP



## Company History

- Founded 2021 in Singapore
- Strong team diversity with 7 different nationalities represented

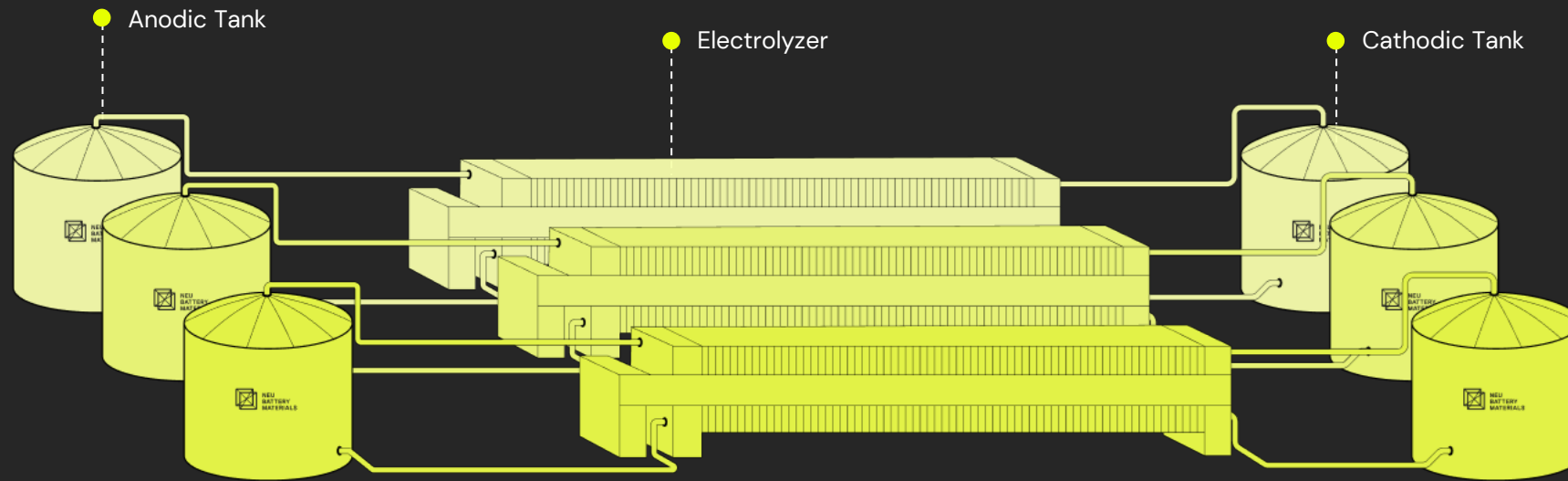


## Facilities

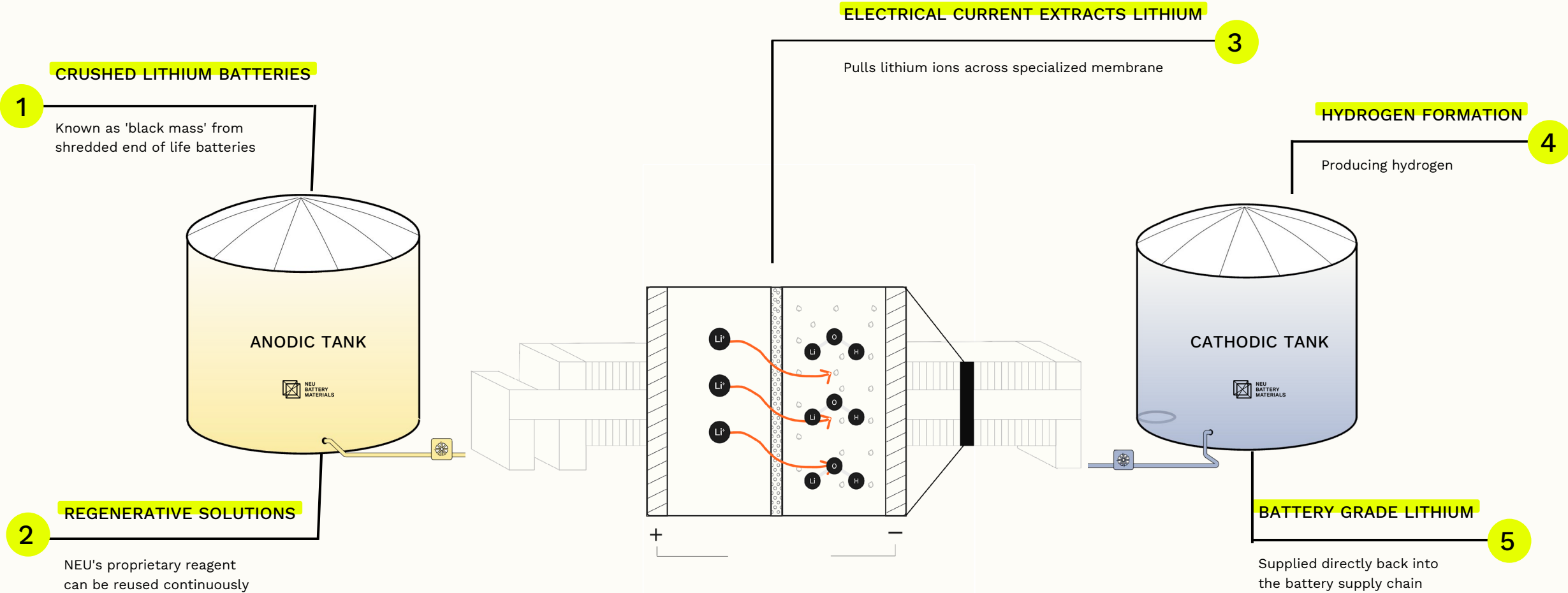
- Operational LFP facility in Singapore
- Dedicated R&D laboratory in Singapore



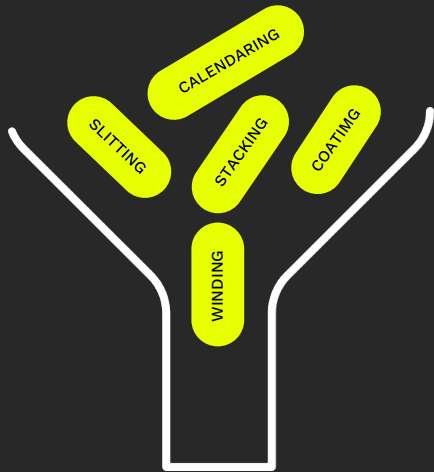
# The LFP gigafactory solution. Electrochemical, redox, scalable LFP recycling modules that consume just **water + electricity**



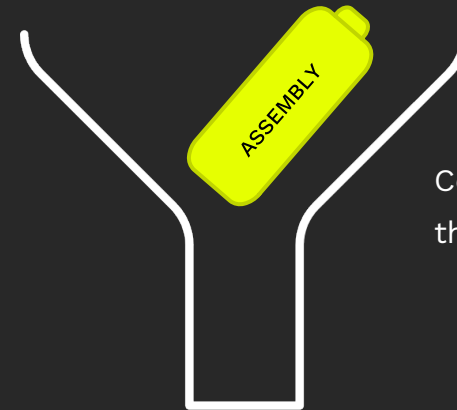
# Electrochemical redox process



# Save time, reduce carbon, and cut costs with closed-loop cell production

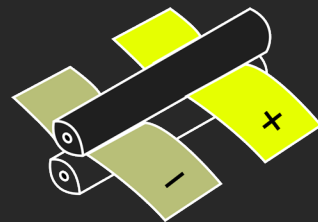


Scrap from each step can feed directly into our recycling modules

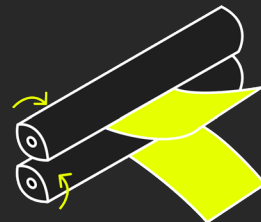


Cells are crushed into black mass forming the input to the recycling modules

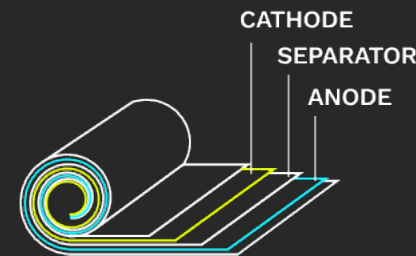
We've tailored our solution to maximise the recovery of metals at each stage of manufacturing process:



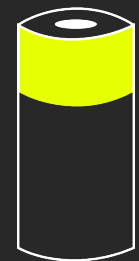
1 COATING



2 ROLL PRESSING

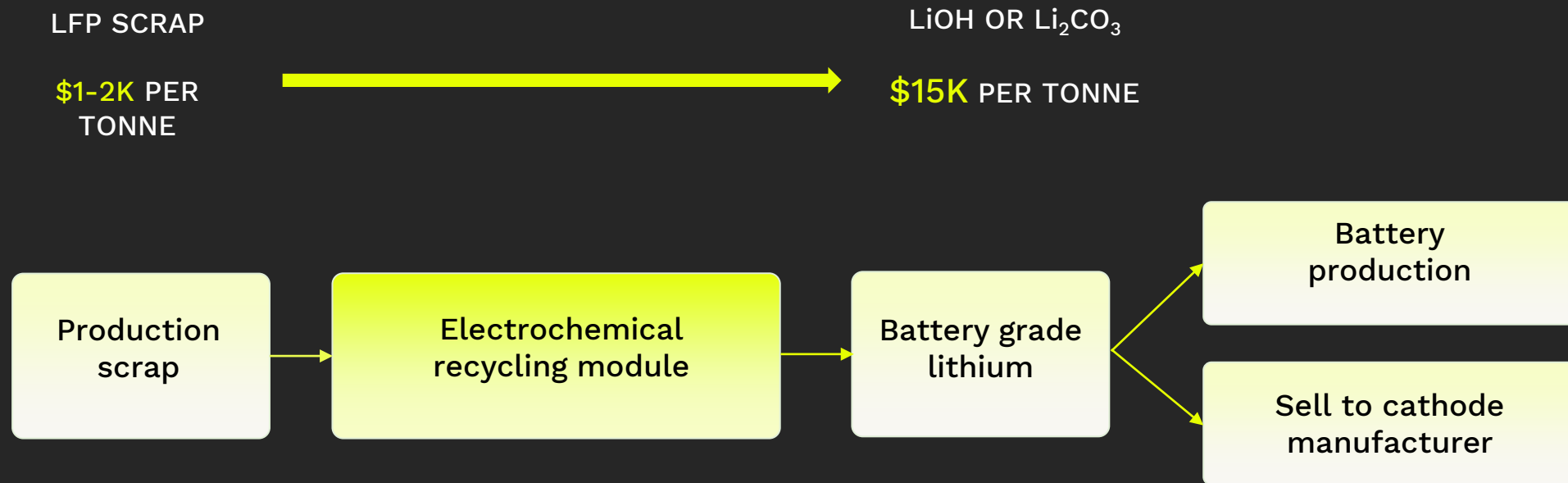


3 STACKING / WINDING



4 CELL ASSEMBLY

# NEU's module gives LFP gigafactories an opportunity to generate additional revenue from production scrap



# How you can work with us

## Trials

Customized technology trials to meet your internal evaluation needs. Gather your specific data and validate how our technology can support efficient, sustainable, and cost-effective LFP recycling.

### Lithium battery and black mass offtake

We off take all types of lithium ion battery and black mass for post-processing back into its composite metals.

### Technology licensing

Implement NEU's electrochemical recycling modules and begin earning revenue from your LFP scrap and/or implement full closed-loop production.

JOIN THE FUTURE

Electrify the future, electrify battery recycling.



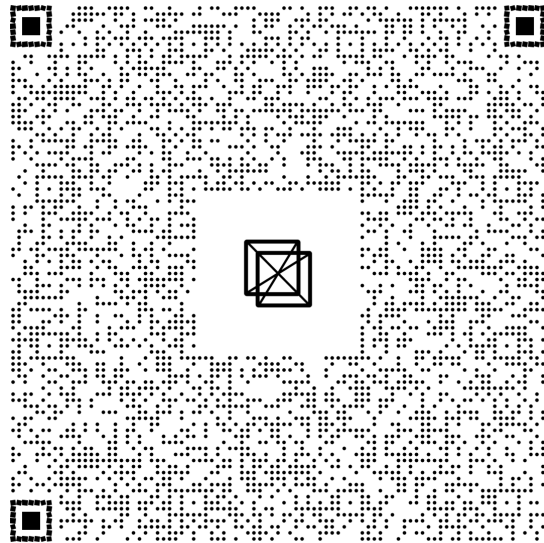
Bryan Oh



+65 9145 2005



bryan@neumaterials.com



Contact Card