



# Lithion

Lithium-ion battery recycling

## The sustainable solution

NAATBatt International  
2020 Annual Meeting  
Member Update Presentation

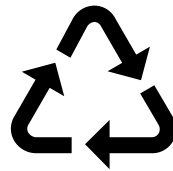
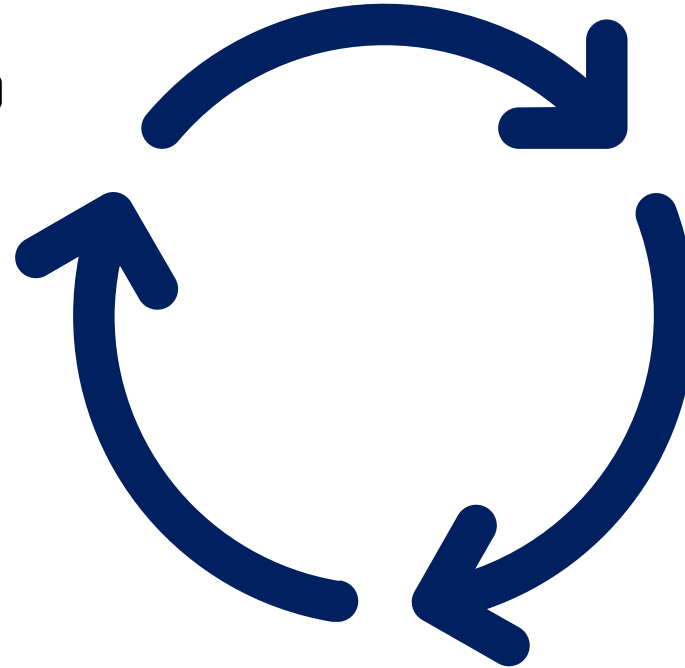
Denis Geoffroy  
VP Operations and Corporate  
Development

# My life in the battery world

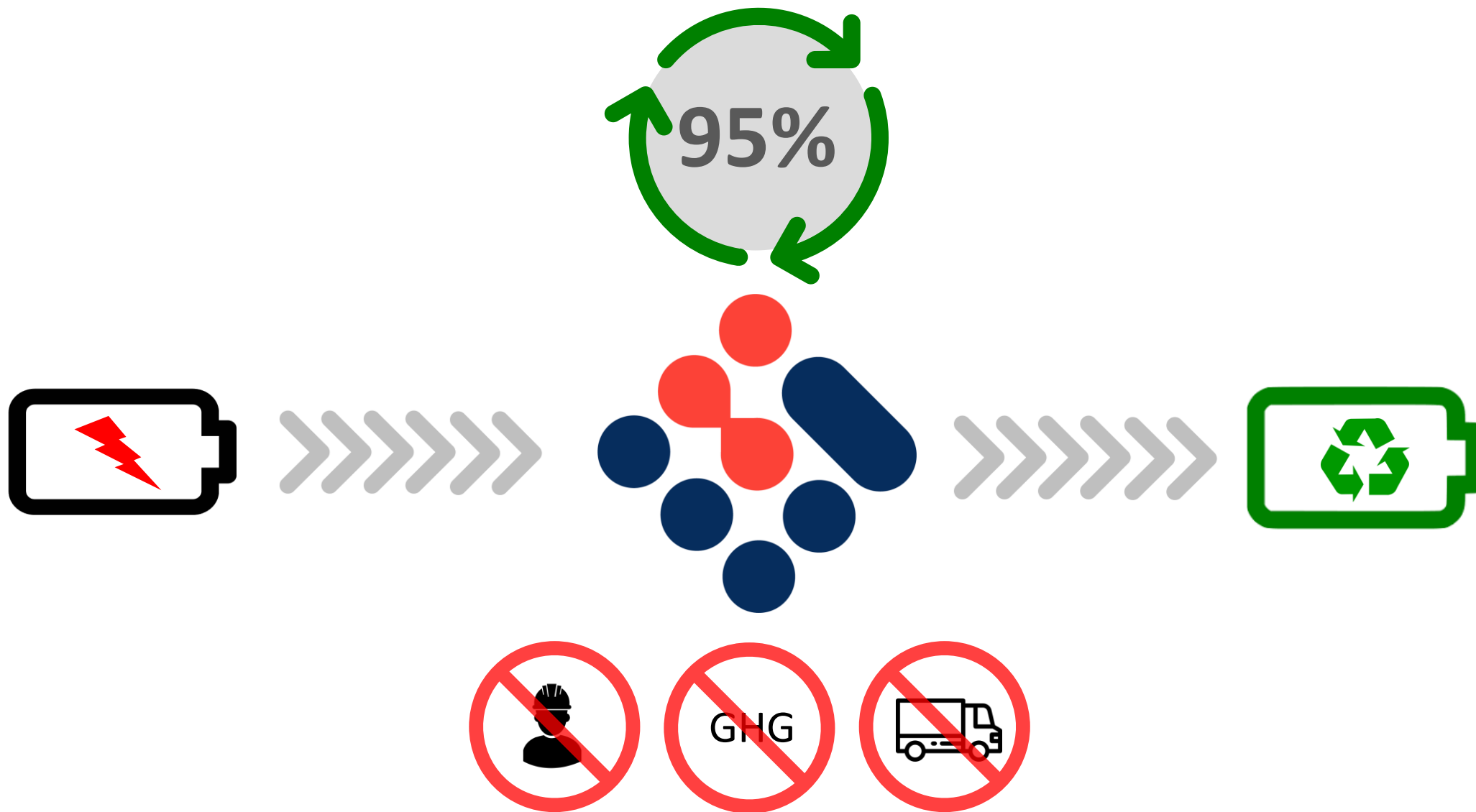
**Lithium Metal Polymer Batteries**  
*Hydro-Québec/Argo-Tech*



**Cathode material,  $\text{LiFePO}_4$**   
*Phostech Lithium*  
*Sud-Chemie/Clariant/Johnson Matthey*



**Lithium-ion battery recycling**  
*Lithion Recycling*



A 3D architectural rendering of a pilot plant facility. The scene is viewed from an elevated perspective. In the foreground, there's a large, semi-transparent white circular area containing the title 'Pilot Plant' and a bulleted list. The background shows a complex industrial layout with numerous cylindrical storage tanks of various sizes, some with blue valves on top. There are also rectangular storage bins, some green and some tan. A large, dark red rectangular structure, possibly a conveyor system or a large storage bin, is on the right. A tall, teal-colored vertical pipe or column is in the lower right. Several small human figures are scattered throughout the scene to provide a sense of scale. The overall color palette is muted, with greys, blues, greens, and reds.

# Pilot Plant

- 12M\$ funding for the pilot plant was completed
- Industrial-sized hydrometallurgy equipment
- Contruction project of pilot plant is over
- Commissioning underway
- Located in Montreal, Canada



Demonstrate recycling of at type of LiB, and provide solutions to EV manufacturers and other industrial users

Confirm the performance of the recycling process at industrial scale

Qualify battery grade products with cathode and battery manufacturers

