



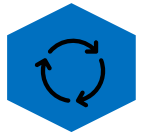
*Closed loop lithium-ion battery resource recovery*

NAATBatt Member Update Presentation  
February 12<sup>th</sup>, 2020

# Li-Cycle Overview



**Year Founded:** 2016



**Li-Cycle Technology™:** Patent-pending, closed-loop lithium-ion battery resource recovery



**Partners:**



SUSTAINABLE DEVELOPMENT  
TECHNOLOGY CANADA  
TECHNOLOGIES DU DÉVELOPPEMENT  
DURABLE CANADA



Ontario Centres of  
Excellence  
Where Next Happens



**Key Investors:** **TECHMET**



**PELLA**  
RESOURCES LIMITED



**Majority  
Privately Held**



**Awards:**





A high-angle, wide shot of a fleet of approximately 15 electric vehicles (EVs) driving away from the viewer on a multi-lane asphalt road. The cars are arranged in a loose formation, with some in the foreground and others further down the road. The vehicles include various models and colors, such as a blue Renault Zoe, a white Nissan Leaf, a silver BMW i3, and a red Audi e-tron. The background shows a flat landscape with green grass and a line of trees under a cloudy sky. A semi-transparent white banner with blue text is overlaid across the middle of the image.

To be the most sustainable, vertically integrated, and globally preeminent lithium-ion battery resource recovery company



# Mission



- 
- The background of the slide is a wide-angle photograph of a solar farm. In the foreground, rows of solar panels are visible, though slightly out of focus. The middle ground shows a vast, flat field under a warm, golden sunset sky. In the distance, there are rolling hills and a few wind turbines. The overall tone is warm and sustainable.
1. Providing sustainable and safe customer-centric solutions and technology to solve the global end-of-lifecycle lithium-ion battery problems/opportunities.
  2. Meeting the rapidly growing demand for critical battery materials.

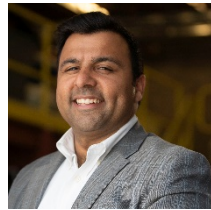
# Li-Cycle Team, Board and Advisors



## Leadership & Team



**Tim Johnston**  
**Exec. Chairman**  
*Mech. Eng., CFA*



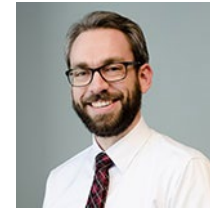
**Ajay Kochhar**  
**President & CEO**  
*Chem. Eng.*



**Kunal Phalpher**  
**CCO**  
*Elec. Eng., MBA*



**Bruce MacInnis**  
**CFO**  
*CPA and CA*



**Chris Biederman**  
**Chief Process Engineer**  
*Sr. Chem. Eng. Mgr.*



**Ala Hussain**  
**Eng. & Const. Mgt.**  
*Sr. Civil Eng. Mgr.*

## Board of Directors



**Tim Johnston**  
**Exec. Chairman**  
*Co-Founder*



**Ajay Kochhar**  
**Exec. Director**  
*Co-Founder*



**Anthony Tse**  
**Non-Exec. Director**  
*Critical Materials*



**Mark Wellings**  
**Non-Exec. Director**  
*Capital Raising*



**Rick Findlay**  
**Non-Exec. Director**  
*Business Ops. & Scaling*

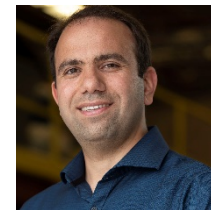


**Alex Lowrie**  
**Non-Exec. Director**  
*Financial Mgt.*

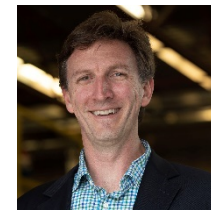
## Advisory Board



**Adonis Pouroulis**  
**Senior Advisor**  
*Mining & Metals*



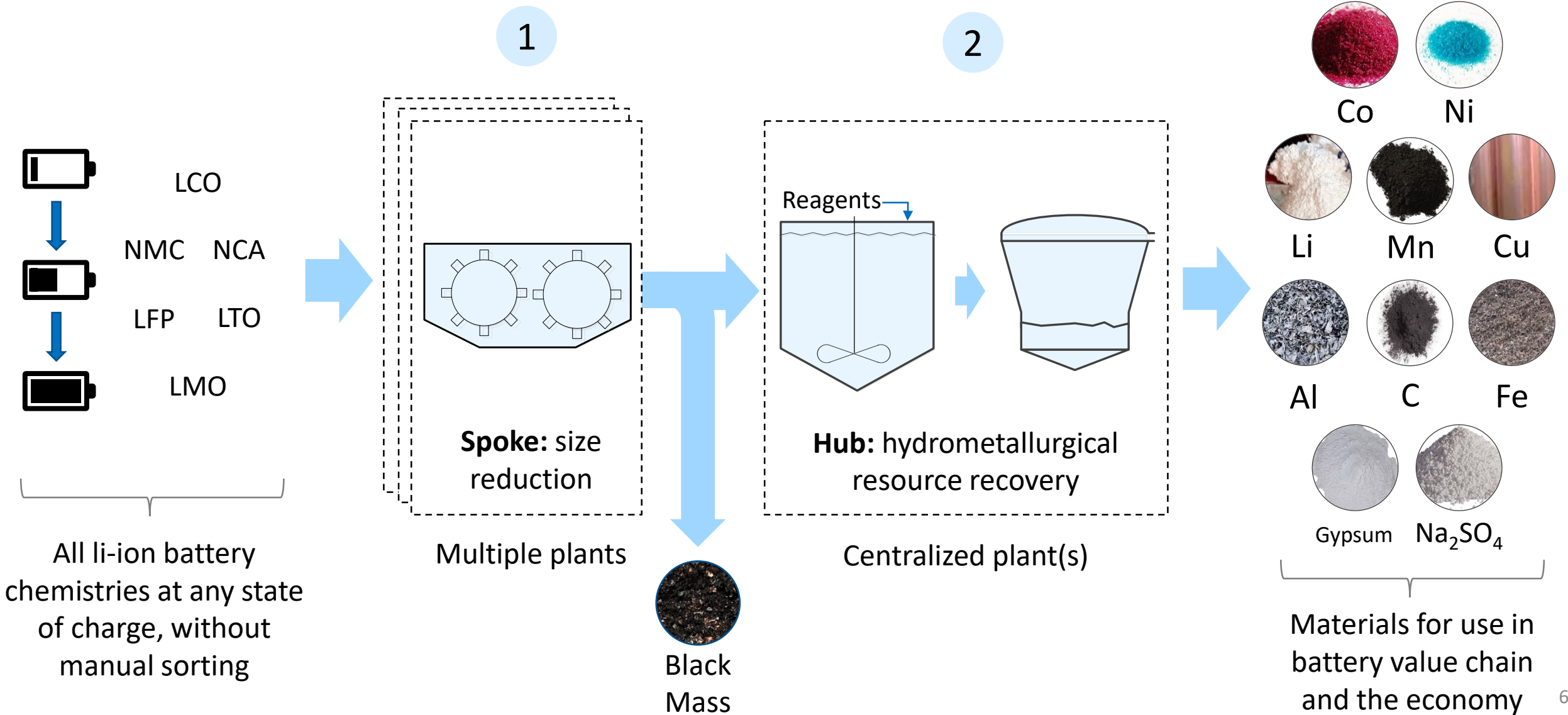
**Ahmad Ghahreman**  
**Technical Advisor**  
*Ph.D. Hydrometallurgist*



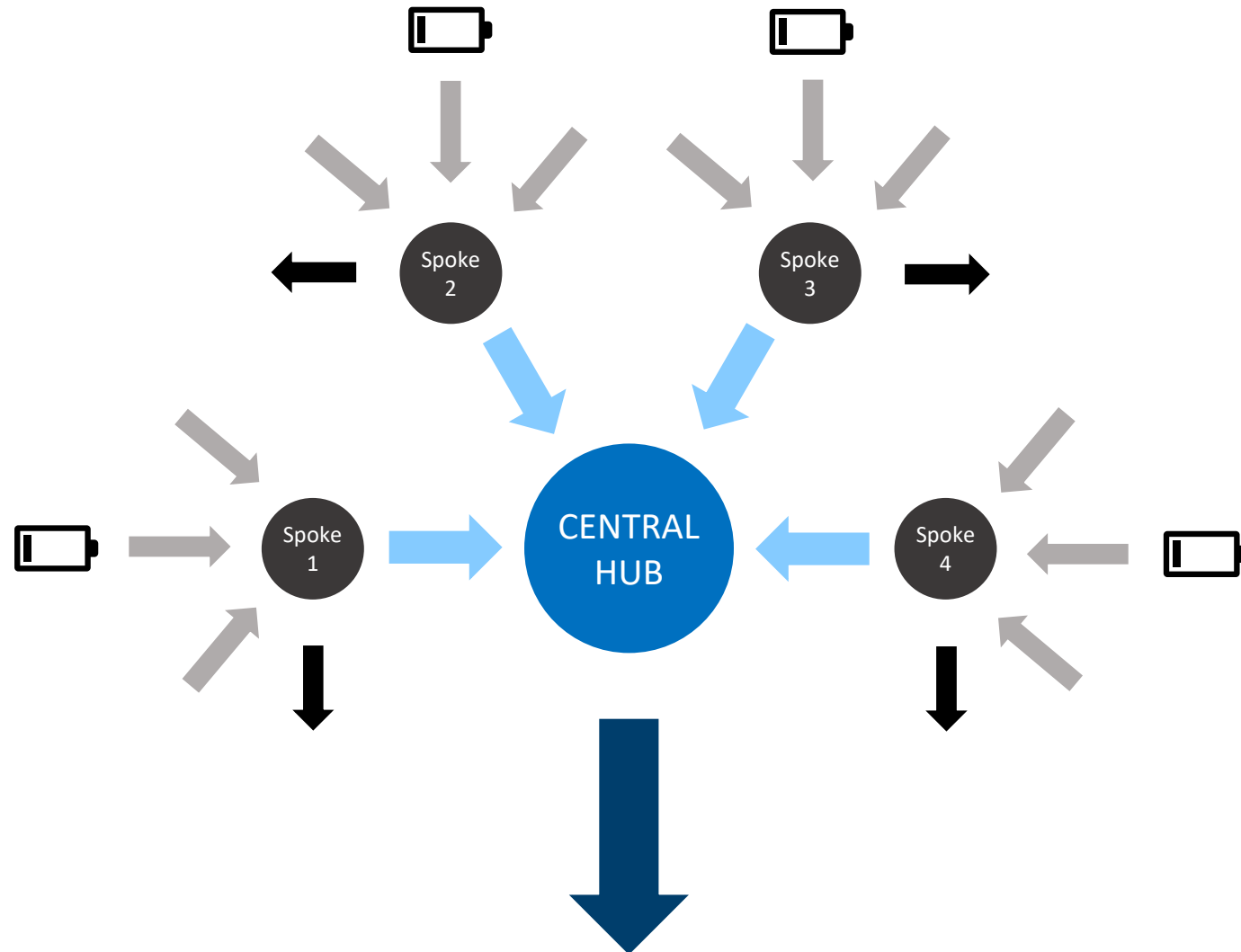
**Chris Berry**  
**Energy Metals Advisor**  
*Leading Co & Li Analyst*



# Advanced Resource Recovery Technology


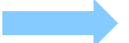




# Benefits of the Decoupled Model





- 1 Regional spokes result in shorter transportation distances, thereby reducing logistics costs
- 2 The distance travelled batteries as *Dangerous Goods* is reduced by rendering them inert at the Spoke
- 3 Outputs of the Spoke are saleable and can generate revenue independent of the Hub

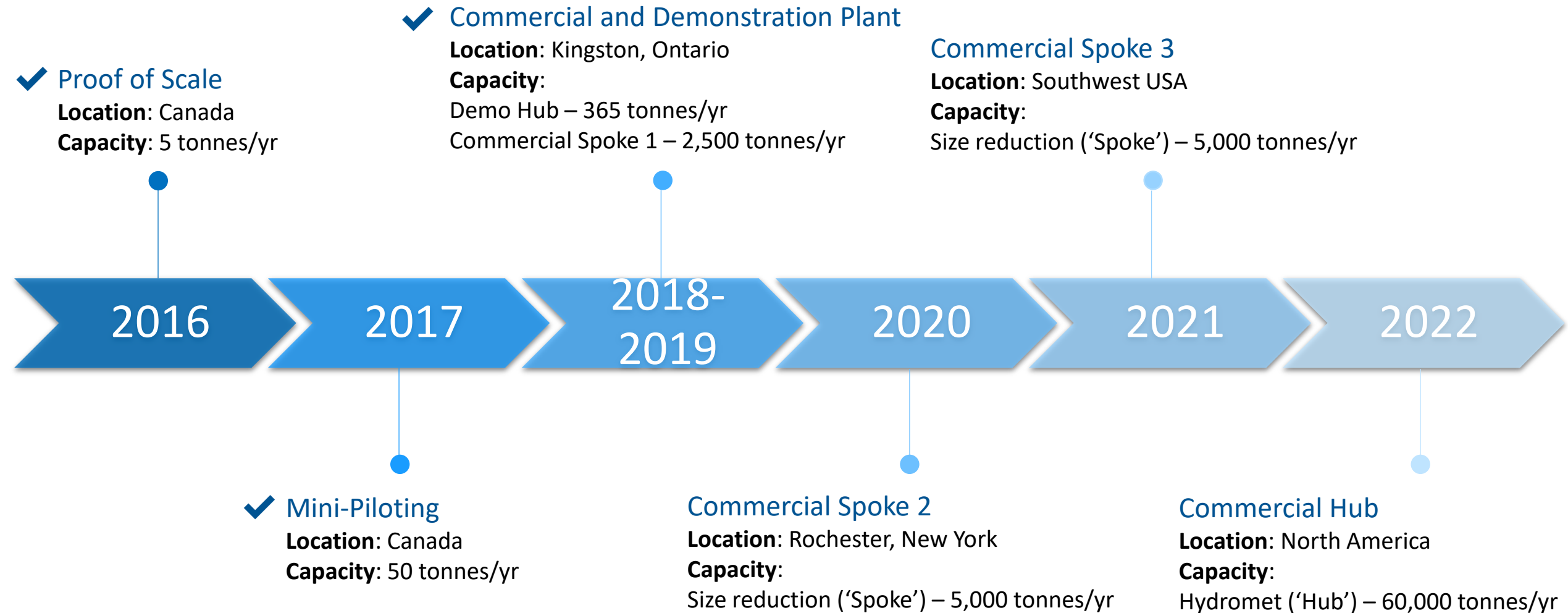
## LEGEND

-  Incoming batteries
-  Black mass (inert)
-  By-products for sale or further recycling
-  Isolated battery-grade end-products for return to batteries and the economy

## EXAMPLE CAPACITIES

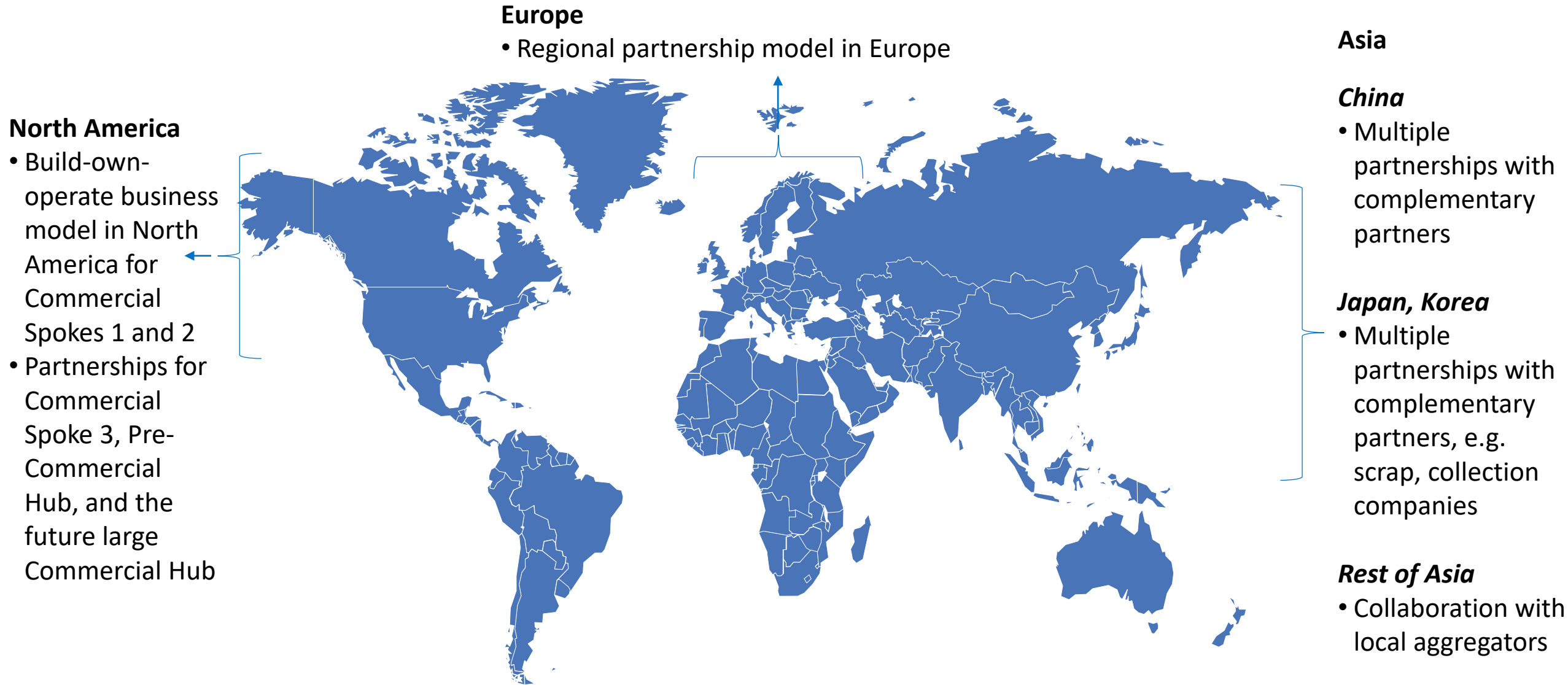
-  Spoke:  $\geq 5,000$  t/y
-  Hub:  $\geq 20,000$  t/y

# Near-Term Commercialization Roadmap





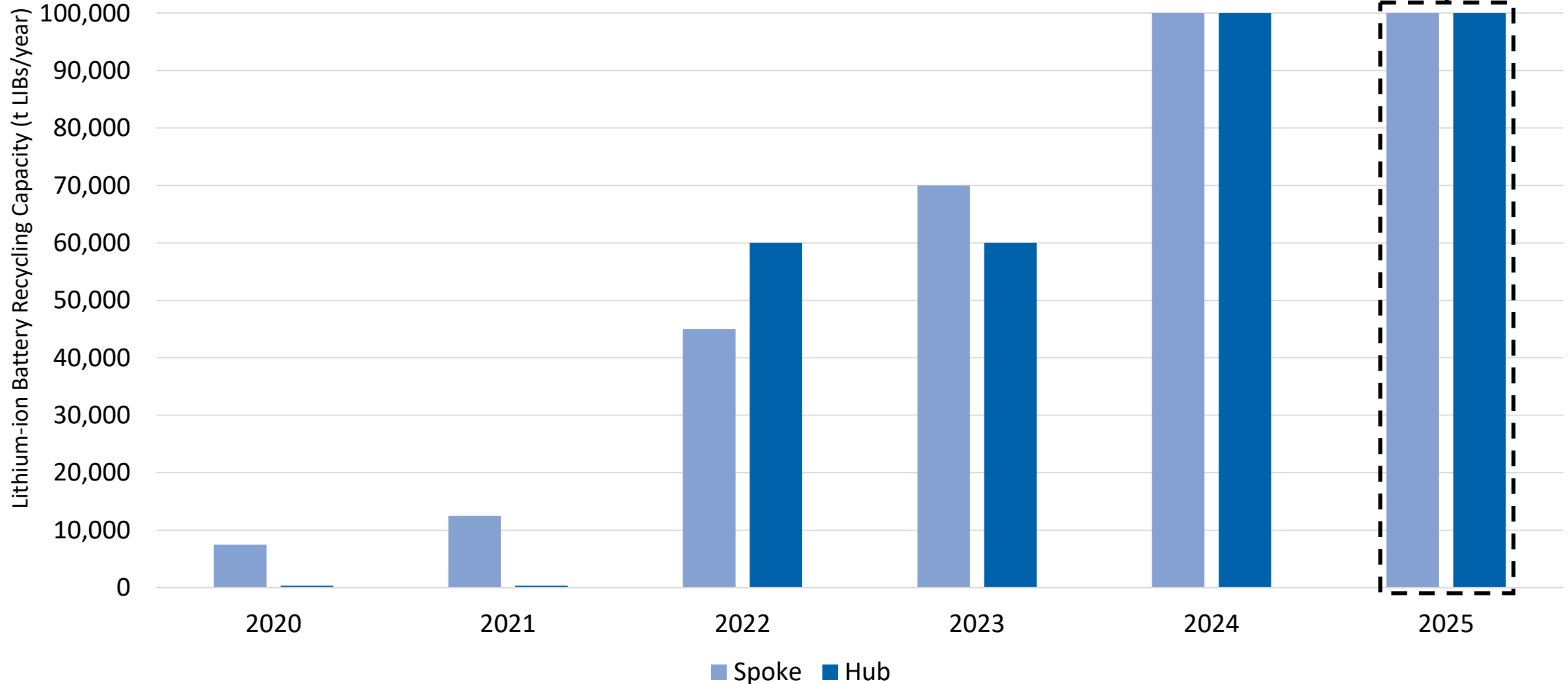
# Li-Cycle Global Rollout Plan



# Li-Cycle Global Rollout Plan (contd.)



Total resource recovery capacity in 2024 and 2025 represent ~10-15% of the global Total Addressable Market (TAM)





# Thank you.

How to get in touch with our team:

**Kunal Phalpher**

*Chief Commercial Officer*

E: [info@li-cycle.com](mailto:info@li-cycle.com)

P: (416) 583-3509