

Changing How the World Makes Battery Materials

Capital

Cathode Process Technology
for EV, Grid & Portable
Lithium Ion Batteries

- Improves cost & performance
- Piloted & proven
- 12 patents & 30 pending
- \$23B market in cathodes 2025

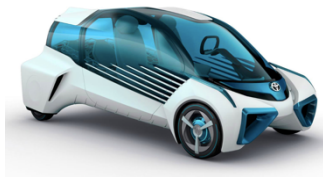
- Expand & Accelerate Partnerships
- Grants + Partner + Equity



- Develop LFP Plant for**
- Buses & last mile EV
 - Grid & home storage
 - 48V & Mid-range EV
 - Lead-acid replace



- Stabilize NMC for**
- Long range EV
 - Grid storage
 - Portables



- Develop LMN for**
- Next gen lithium ion
 - Solid-state batteries



Cash (Jan 2018) \$3.1M
Wts Options Grants \$4.0M
Monthly Burn \$300K
Runway Q1-Q4 2020

Shares Outstanding 66M
Fully Diluted 74M
Insiders 13.1%

- Key shareholders**
- US Global
 - Ross Beaty
 - Keith Neumeyer
 - Paul Matysek

Partners & Market Opportunities

Licensing Strategy (2-5% royalty on top line sales)



- 15% market share LFP & LCO
- 33kT/yr & growing 30% YoY
- Joint Development w/ NNO

- Developing full scale LFP for license
- 200kT LFP total market (2025)
- 600kT NMC total market (2025)



- €45B Global Ceramics Giant
- Joint Development w/ NNO

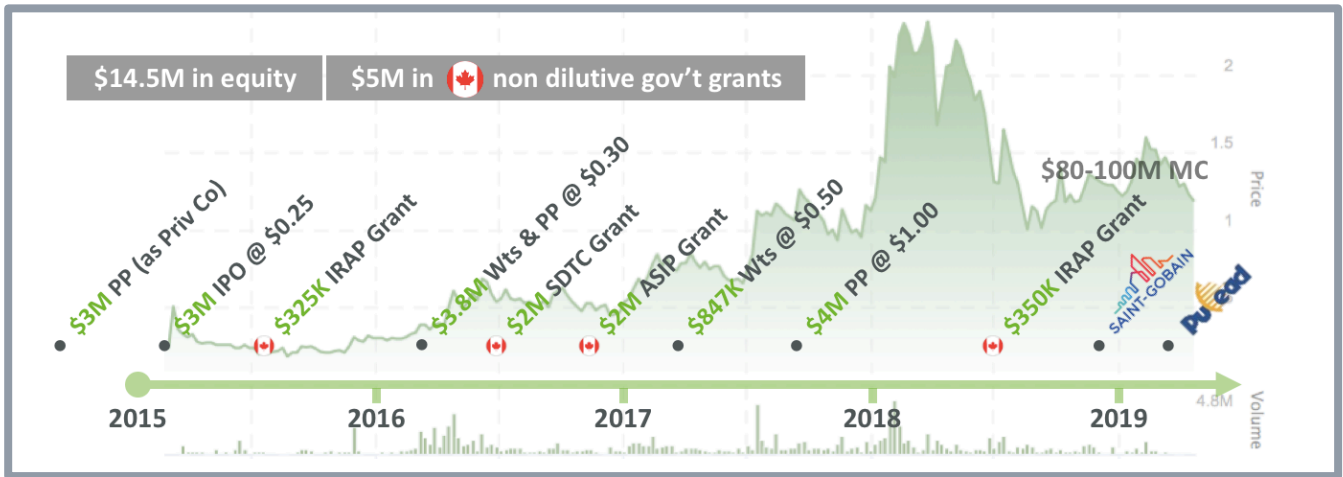
- Developing better thermal process (kiln)
- Coating technology to stabilize cathodes



- 18+ tier 1 auto & other leads
- Bus Dev pipeline is growing
- Many potential partners

- LFP (near-term w/ \$2B market in 2025)
- NMC (mid-term w/ \$15B market in 2025)
- LMN for solid state (long-term)

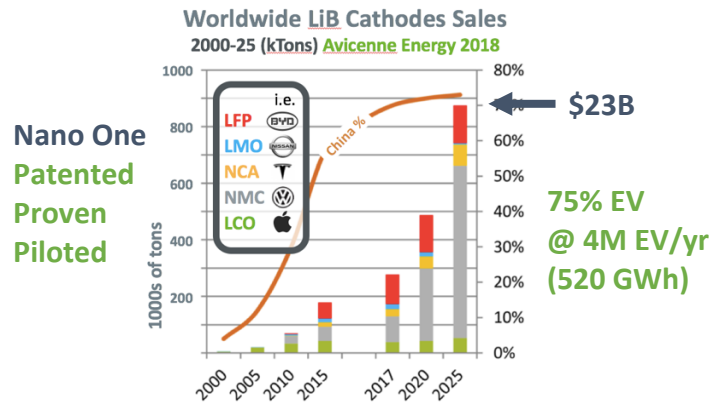
Capital History



Near Term Catalysts

- More Non-Dilutive Grants
- New Partnerships
- More Patents
- Licensing
- Revenue Sightlines (fullscale plant)
- Advances on NMC & LMNO
- Advances on Solid State

\$23B Cathode Market



Dan Blondal
CEO

26 yrs in tech at Kodak, Creo, General Fusion



Dr Stephen Campbell
CTO

25+ yrs as Principal Scientist at Ballard & AFCC



Paul Matysek
Chairman

\$2B in business growth LithiumX, Lithium1, GoldRock, Energy Metals, Potash One



Joe Lowry
Strategic Advisor

20 yrs as global lithium expert



John Lando
President

26 yrs in venture capital financing