

# Driving the Future of Li-ion Battery Technology and Manufacturing



**NAATBATT Conference**  
**February 2022**

Website:  
<http://chargecccv.com>

Clifford Olin, CBDO  
[c.olin@c4v.us](mailto:c.olin@c4v.us)

# C4V 1<sup>st</sup> Manufacturing Partner - iM3NY at a Glance



C4V Founder Dr. Shailesh Upreti (L) along with Nobel Prize winners—Prof. John B. Goodenough (Middle) & Prof. M. Stanley Whittingham (R), for inventing Li-ion batteries.



INVENTORS OF iM3NY BATTERY TECHNOLOGY  
2010 - 2019



iM3NY LAUNCH ANNOUNCEMENT 2020

New York has a world-class infrastructure and reliable port connectivity making iM3NY's upcoming Gigafactory an advantaged production location



GLOBAL DISTRIBUTION  
2022 Onwards



R&D CENTER (C4V)  
Set up in 2010



P-SERIES PRODUCT UNVEIL  
2020



MASS MANUFACTURING  
Starting 2022

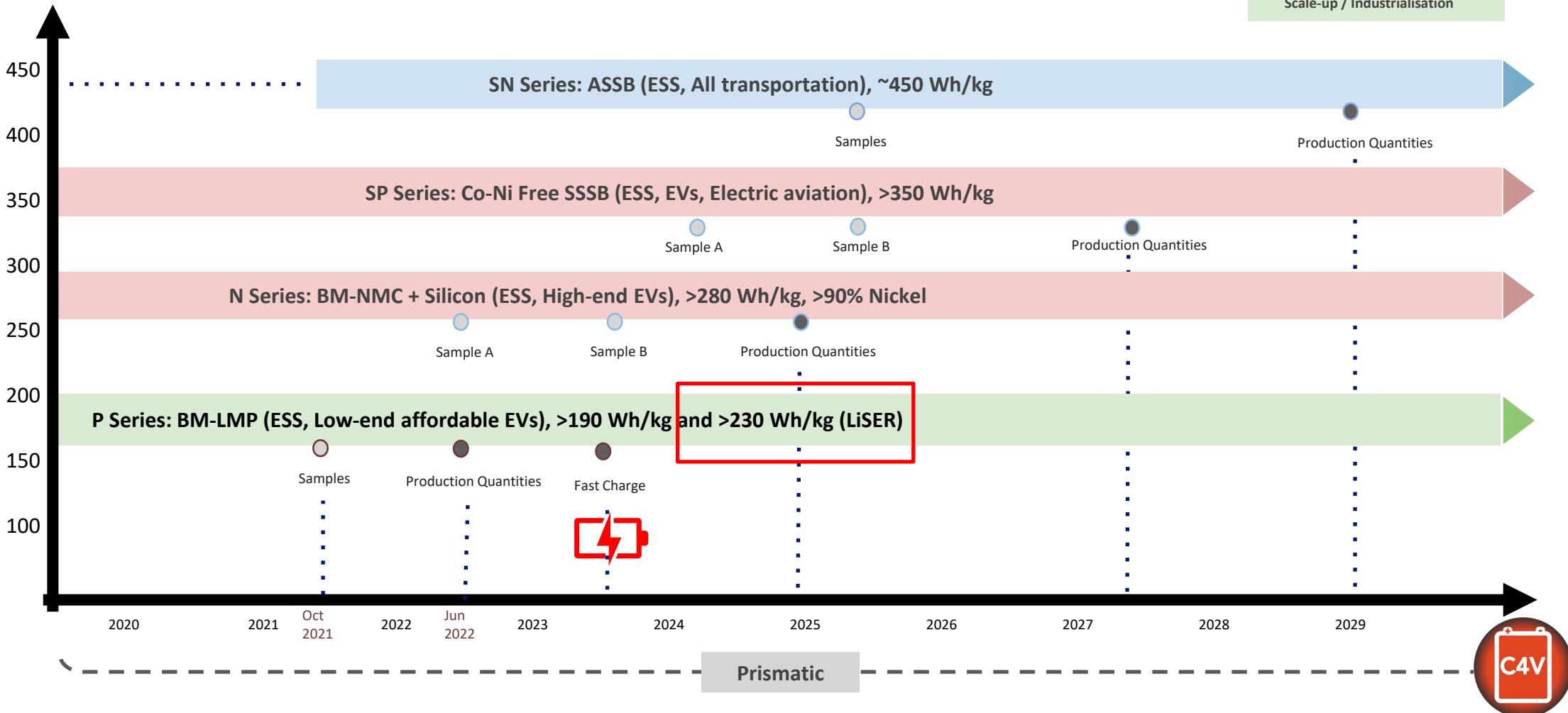


C4V Vision: 10 by 30

# Cell Technology Roadmap

P Series is commercialized and in production, N & SP Series under development, SN Series planned

Wh/Kg





# LiSER™ – Lithium Slim Energy Reserve



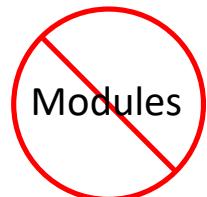
Carbon Footprint



Safety



Based on C4V's Patented, No Nickel/Cobalt, BMLMP technology reduces cost and carbon footprint while increasing safety.

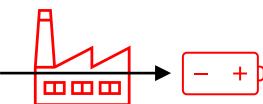


190 Wh/Kg



10min

By enabling CTP and CTC – market leading Energy Density and Charging times are achieved.



Increases volume utilization rate by 30% reducing manufacturing costs by ~ 20%



**Safety of LFP and Performance of NMC+**

# Global Supply Chain Footprint: 220+ Companies



20+ Strategic Partners



# Contact Information

## CORPORATE OFFICE

2226 Centre of Excellence,  
SUNY Binghamton  
45 Murray Hill Rd, Vestal, NY, 13850, United States

Clifford Olin  
Chief Business Development Officer  
[c.olin@c4v.us](mailto:c.olin@c4v.us)  
+1 607-592-6852 (cell / what's app enabled)



