

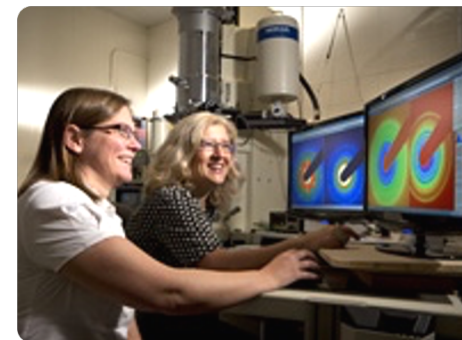
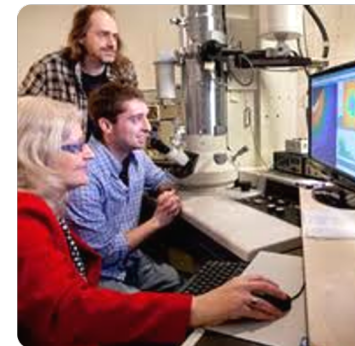
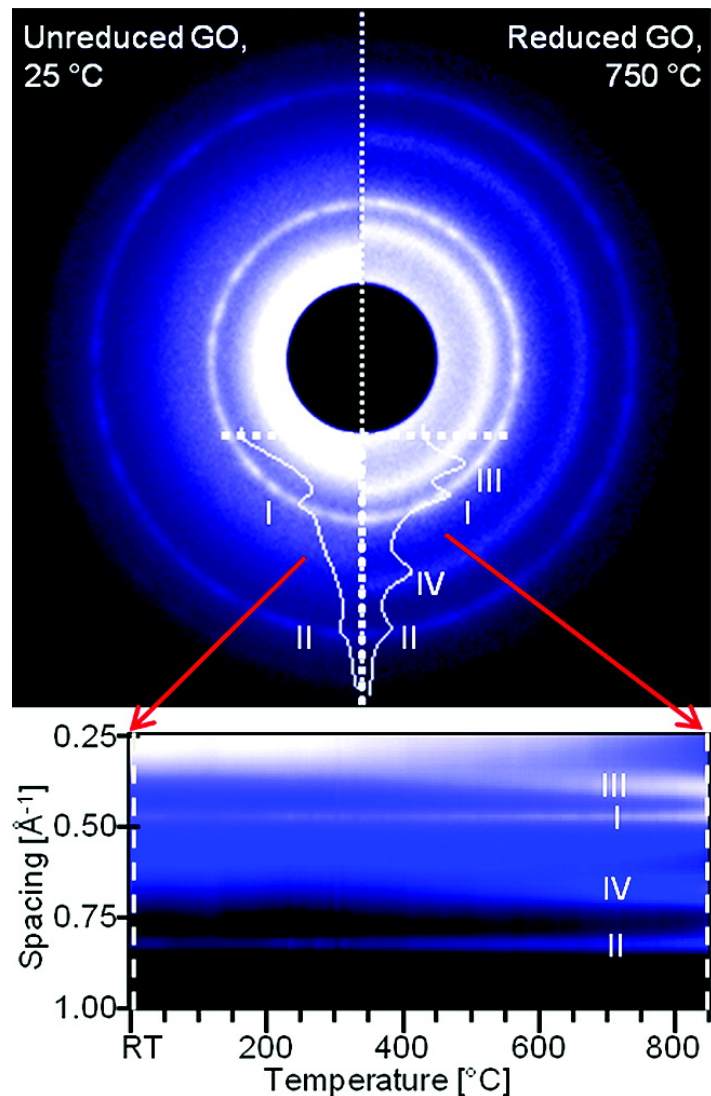


# **Revolutionary Anode Material Ready for Scale-up**



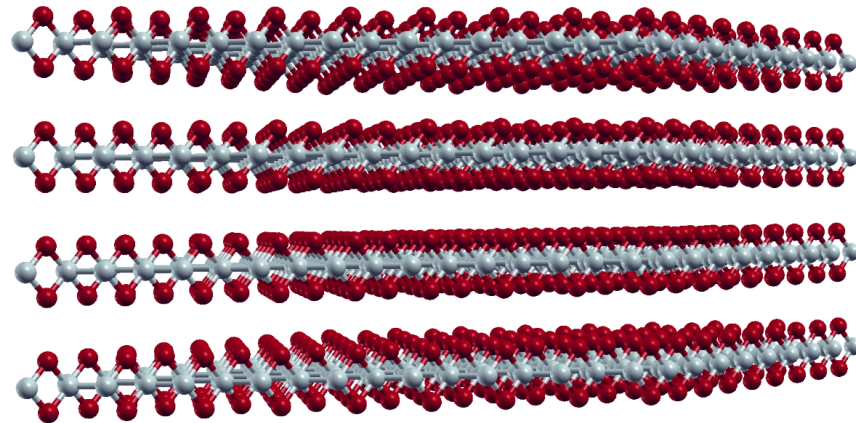
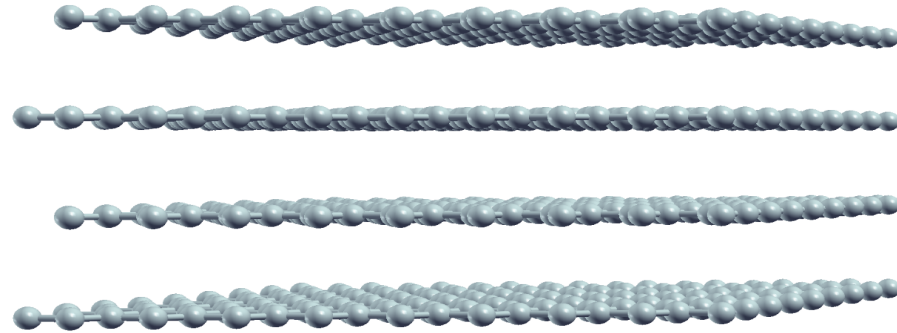
## The Invention

Our New Material is  
**Graphene Monoxide:**  
2D Graphene based CO,  
First known solid Carbon  
Monoxide.



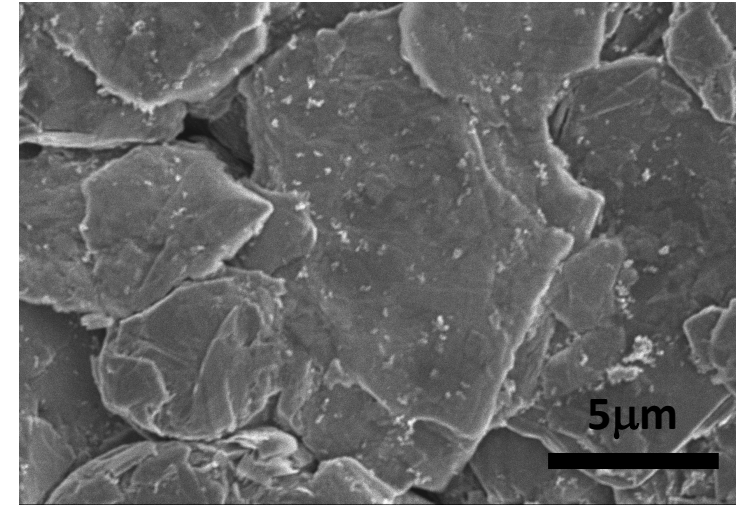
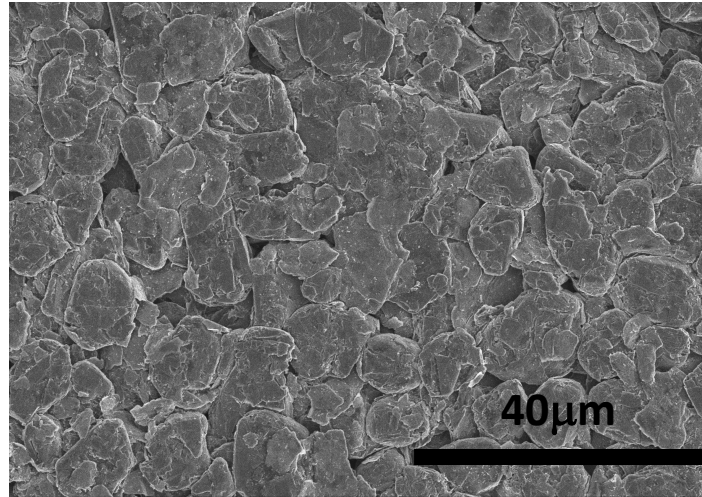


## Graphite vs. Layered GmO





# GmO- Graphite Anodes



Drop-in replacement for Graphite





# The Good News: Overpotential in between LTO and Graphite

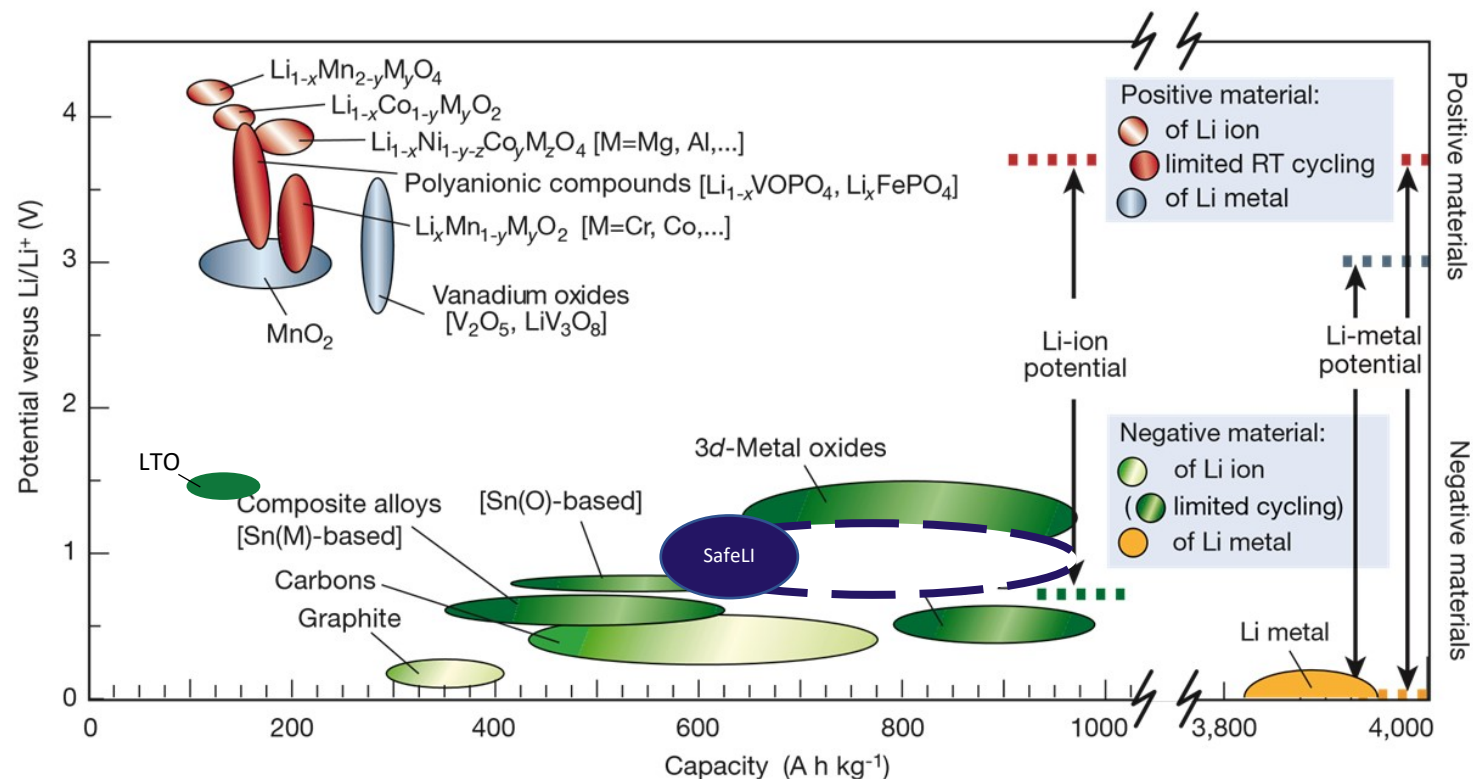
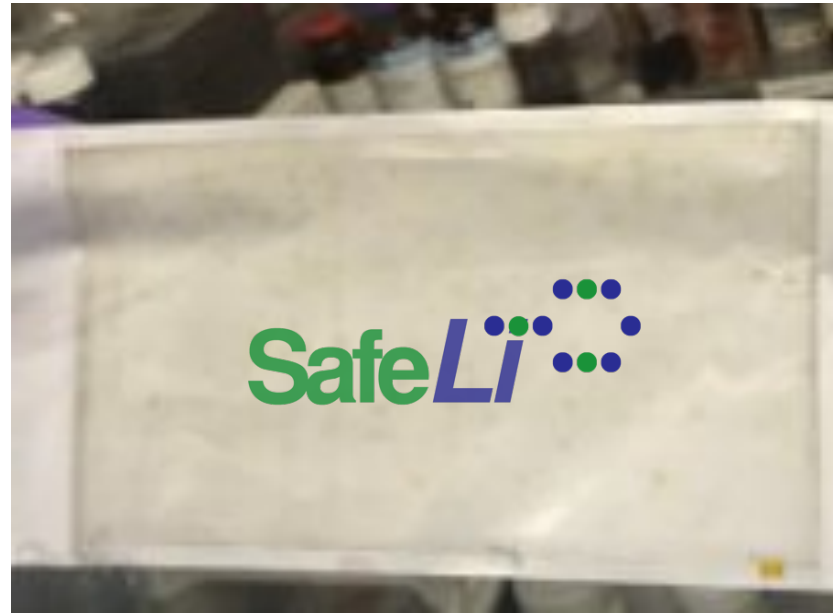


Figure adapted from Tarascon, J., Armand, M. Issues and challenges facing rechargeable lithium batteries. *Nature* **414**, 359–367 (2001).



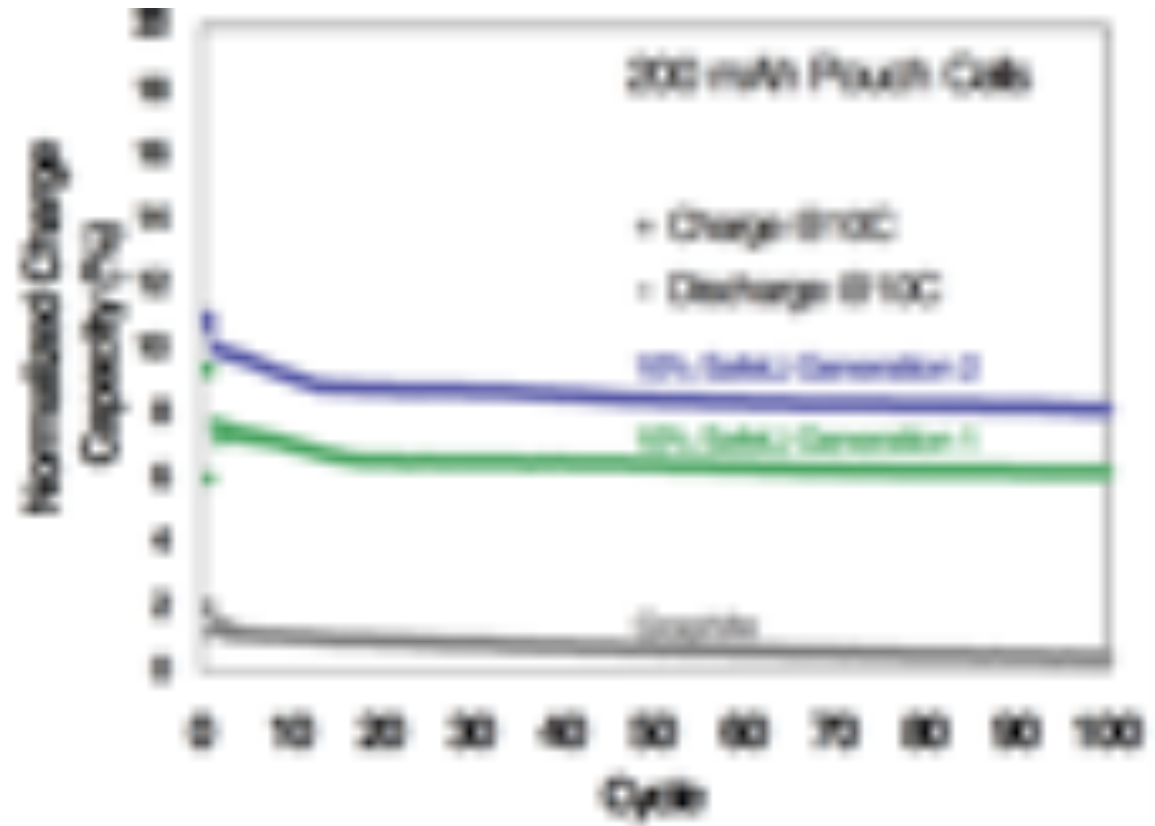
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**The Other Good  
News:  
Exceptional Low-  
Temperature  
Performance**





## Additional Good News: Fast Charging Performance





# Seeking Partners that Require Next- Generation Solutions

<http://www.safelimaterials.com>