

# LITHIUM BATTERY AND ENERGY METALS CONFERENCE 2022



PERTH, AUSTRALIA AND ONLINE  
14 – 15 SEPTEMBER 2022

**Title: Spodumene to Lithium Chemicals – A Work in Progress**

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Assembly line lithium-ion batteries and their associated value chain are new. Producing EVs in volume to accelerate decarbonisation is new.

Spodumene represents the first step in the lithium value chain for about half of the primary lithium used in batteries. What is spodumene? Where does it fit into lithium-ion battery production? Where does Australia fit into this? What are the technical challenges in converting spodumene to lithium chemicals or metal? Let's have a look at how key lithium chemicals are produced, the engineering and chemistry options and how engineers are trying now to future-proof plants to adapt to evolving lithium-ion battery chemistries.