LUX RESEARCH - CONSULTING PRIOR WORK EXAMPLE

Battery technology landscape for a leading power tool manufacturer

Delivered value:

The project provided our Client with a clear understanding of the energy storage options with recommendations integrated into their new product development strategy and roadmap.

Problem to be solved:

A leading power tool maker identified that its competitors are moving to battery-operated power tools and that advancements in battery technology are resulting in broader adoption. They hired Lux to help them catch up to their competition in the power tool market.

Lux Solution:

Lux built a landscape of 80+ emerging technologies at the component or cell level covering chemistry, miniaturization, and modularization aspects of Li-ion, solid state, and Li-sulfur batteries.

Lux aggregated the advancements and prioritized them by taking into account power tool user needs and performance metrics resulting to three leading battery architectures.

Lux provided key milestones and directional guidance on when the high-priority battery architectures will likely meet the desired performance criteria on the path to fulfilling our Client's ambition.