

## KEY SERVICE: **GIGAFACTORY PLANNING & DESIGN**

### **WHY CONSIDER GIGAFACTORY SUPPORT?**

Battery Cell manufacturing facilities can be very expensive with 10's of millions of dollars for pilot facilities and billions for Gigafactories. It is therefore critical to engage in extensive planning, design and business case analysis to ensure a smooth and cost-effective delivery of the new site and a profitable enterprise.

Project costs typically increases exponential as the program progresses meaning that clear direction and insight early in the project can prevent highly impactful errors later.

### **WHY HSSMI?**

HSSMI is a sustainable manufacturing innovation consultancy with extensive skills and capabilities in manufacturing, facility design and battery technologies. This enables us to provide an independent perspective on your organisation's journey while ensuring key insights and recommendations for your business's success. We appreciate that each manufacturing business is different and endeavour to provide tailored solutions that work for you.

### **HOW HSSMI CAN HELP**

Our approach is based on the accumulation of significant expertise in battery cell manufacturing, engagement with a wide network of equipment vendors and industry leaders and a deep understanding facility delivery programs.

These are some of the areas HSSMI can support with:



**Manufacturing concepts and Process Development**



**Supplier response assessment: RFI's, RFQ's**



**Product Development**



**Logistics**



**IT Infrastructure and Architecture**



**Quality Management System**



**Building, Utilities and Infrastructure**

Our experienced consultants are able to provide tailored solutions to your business that will enable your organization to achieve your manufacturing objectives within the proposed timeframe.