DIGITAL INDUSTRIES SOFTWARE

Battery smart manufacturing production excellence

Digital transformation is now a competitive necessity

Market trends are disrupting the battery manufacturing industry.



The battery manufacturing industry is expected to grow exponentially through the year 2030.



Yet just 10 to 15 battery cell suppliers are enough to supply the global market.*

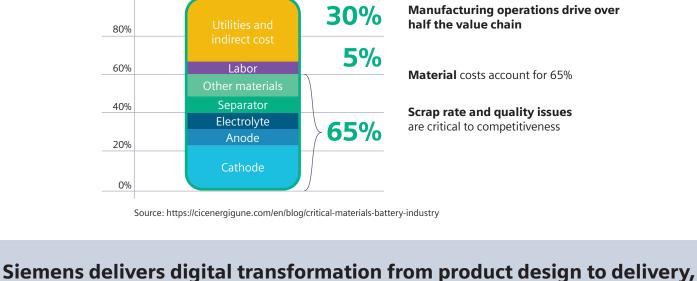
Excess capacity and the race for innovation will increase competitive pressure, driving the need for manufacturing efficiency.



100%

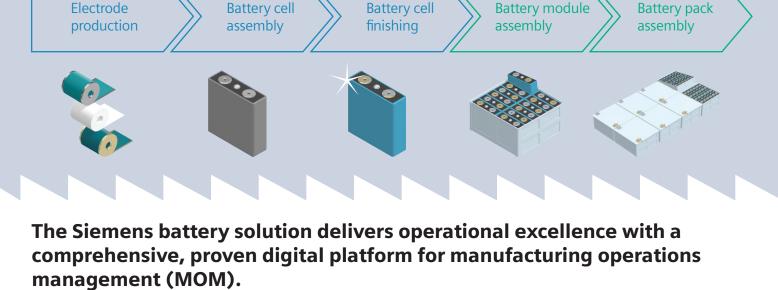
*Source: McKinsey & Company, "Capturing the battery value-chain opportunity," January 2022.

Manufacturing excellence is required to ramp up capacity quickly while keeping control over cost and quality - creating economies of scale with sustainable and compliant operations.

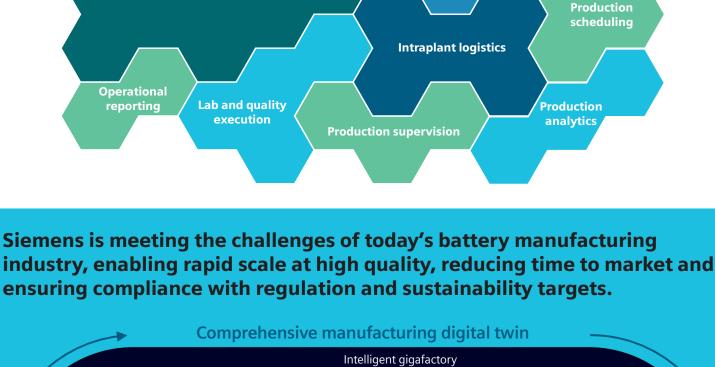


Battery cell process Battery pack process

driving new levels of innovation, quality and efficiency.



Seamless connectivity Paperless manufacturing execution



series preparation and validation End-to-end Virtual Intelligent integration of production development of manufacturing your production excellence

operation

Smart battery pack

production

Closed-loop quality management

Sustainability

and compliance

Battery cell pilot line

Battery pack

Battery

process planning

Are you ready to master manufacturing

operations management with a proven

smart manufacturing solution

for batteries from Siemens?

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