

Building Better Batteries

A practical path from concept to performance

- 01 THIS IS THE VISION**
Define the long-term ambition for your battery facility. Clarify the purpose, scale and impact you aim to achieve.
- 02 THE EXECUTION STRATEGY**
Choose the right approach to deliver your vision. Align on key strategies, phasing, and you'll manage risk and complexity.
- 03 PLAN IN MORE DETAIL**
Develop detailed plans and engineering. Define scope, dependencies, resources, and schedules with precision.
- 04 DEFINE SUCCESS AT SCALE**
Establish what success looks like in operation. Focus on consistent output, quality, yield, uptime, and cost performance.
- 05 DESIGN FOR REAL CONDITIONS**
Design processes and facilities for how they will actually run. Account for material behavior, variability, and system interaction from the beginning.
- 06 VALIDATE EARLY AND OFTEN**
Identify key assumptions and test them proactively. Continuous validation turns uncertainty into clarity and reduces risk.
- 07 ALIGN TEAMS & BUILD FOR OPERATIONS EARLY**
Bring engineering, operations, procurement, and quality together early. Integrate operational readiness, develop procedures, train teams, and test systems before startup.
- 08 THINK IN SYSTEMS, NOT COMPONENTS**
Design the plant as a connected system. Understand how each process step affects the next to optimize overall performance.
- 09 ADAPT TO THE LOCAL ENVIRONMENT**
Consider local conditions, infrastructure, workforce, and supply chains. Adapt the design to fit in the environment and set the foundation for long-term success.
- 10 FOCUS ON PERFORMANCE, NOT JUST COMPLETION**
A facility is successful when it performs. Plan for a smooth ramp-up and reach stable, profitable production as quickly as possible.



WHAT SETS SUCCESSFUL PROJECTS APART



Readiness over speed



Alignment over silos



Evidence over assumptions



Performance over completion



Strong battery facilities are built through clear decisions, disciplined execution, and a focus on performance from day one.