Our clients from various industries: aerospace, marine, hygiene products and consumer goods; have one common concern:
Need of tailored battery/energy storage solutions to serve their clients better and be more competitive. They need expert support as batteries are not their core business.

Common challenge:
Can I trust battery suppliers’ technical specifications for my sensitive applications?
We need different and additional specifications regarding safety, size, performance, environmental conditions.

Winning solutions:
Globally recognized team of battery experts especially for lithium-ion batteries World class laboratories in Singapore, China, Germany and USA. Creating additional value by advising, engineering, designing, testing, prototyping and monitoring battery modules and systems.
Testing

- ISO17025 accredited laboratory
- Standard tests (IEC, VDE, UN)
- Customized tests on client’s request
- Development of client’s own quality assurance standards

- Abuse testing in safety chamber
- Performance testing
- Lifetime and ageing tests
- BMS testing

Independent Engineering & Prototyping

- Development & design of batteries for
  - portable electronics
  - e-mobility
  - stationary storage
- Prototyping of battery systems
- Thermal management solutions

- Development support with consulting and testing for energy storage systems

Research & Development support

- New materials implementation
- Optimization of cell properties and operating conditions
- Optimization of cell design

- Sourcing of materials
- Technology scouting
- Training & Consulting

Your contact:
VDE Renewables Asia
100G Pasir Panjang Road
Interlocal Centre #05-08
Singapore 118523
Email: renewables.asia@vde.com
vde.com/renewables/ess