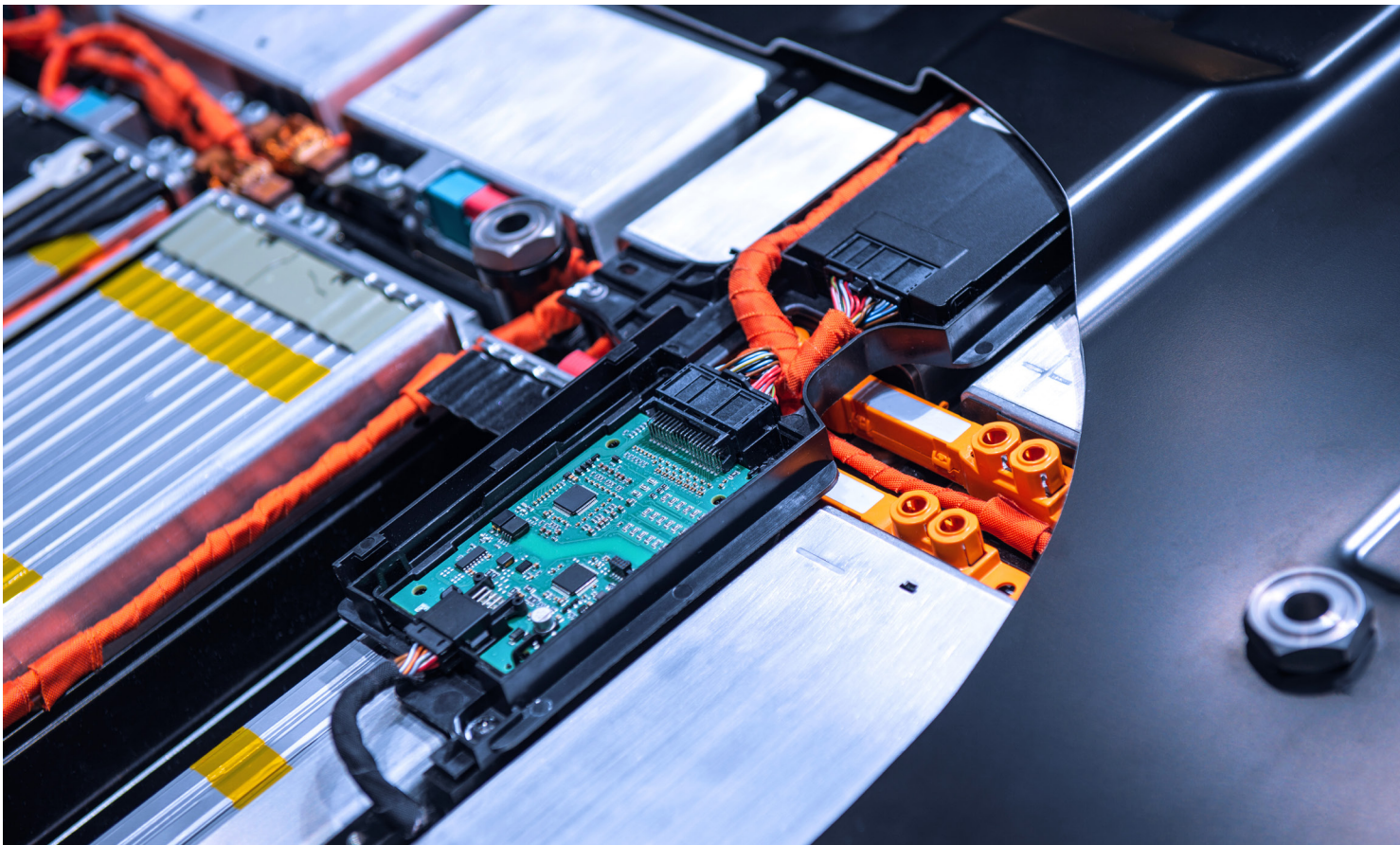


**KN BatteryChain**

# **Boost your lithium battery value chain**

Powerful, innovative and dependable: Lithium batteries today are at the very forefront of technological development. At Kuehne+Nagel, we have the systems and processes to ensure your lithium batteries are transported safely and successfully.

Our certified battery experts are passionate about providing the best care possible. From the cell manufacturer through to the car dealership, your batteries are in safe hands. You can rely on our monitoring to proactively address any unforeseen circumstances.



## KN BatteryChain

As renewable energy sources become essential for a variety of industries, the global demand for lithium batteries is projected to grow even faster. However, due to their potentially hazardous nature of lithium batteries, transportation and storage are specialised activities that require certified expertise. KN BatteryChain serves your individual shipping and warehousing needs throughout the entire lithium battery life cycle.

KN BatteryChain offers you a secure and convenient service with the capacity necessary to give your shipments the attention they need. Most importantly, we reduce risk in your supply chain, enabling you to conduct your business with confidence.

We take pride in growing alongside our customers. Whether you manufacture batteries, battery packs or are part of the car aftermarket, we can co-create a solution that addresses all your challenges.

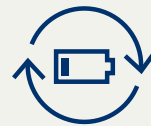
### Our full spectrum solutions include:



**Lithium inbound - new cells and new batteries**  
From cell manufacturer to the battery assembler



**Lithium after-market - new batteries**  
From OEM/LSP warehouse to dealership



**Lithium reverse - used and defective batteries**  
From dealership to warehouse (for repair and analysis) and to recycler (for end-of-life)

#### Maximum safety for your business

Our certified systems and processes extend beyond the scope of legal requirements to ensure your batteries receive the safest treatment possible.

#### Expertise leveraged for your success

Your batteries are in the best hands – more than 150 dangerous goods experts and lithium battery transport specialists work around the clock to ensure your batteries are delivered securely and on time.

#### Real savings you can count on

By choosing KN BatteryChain, your costs will be quantifiably lower. Your savings are driven by:

- Lower risk of accidents, penalty payments, reputation loss
- Scalable operating procedures from qualified experts that save you time and effort
- Using synergies to optimise battery transportation costs

### Co-created end-to-end solution

You're in control. Through individual consultation we co-create our solutions to match your exact needs. We believe collaboration is the key to long-term partnerships.

### Upgrades

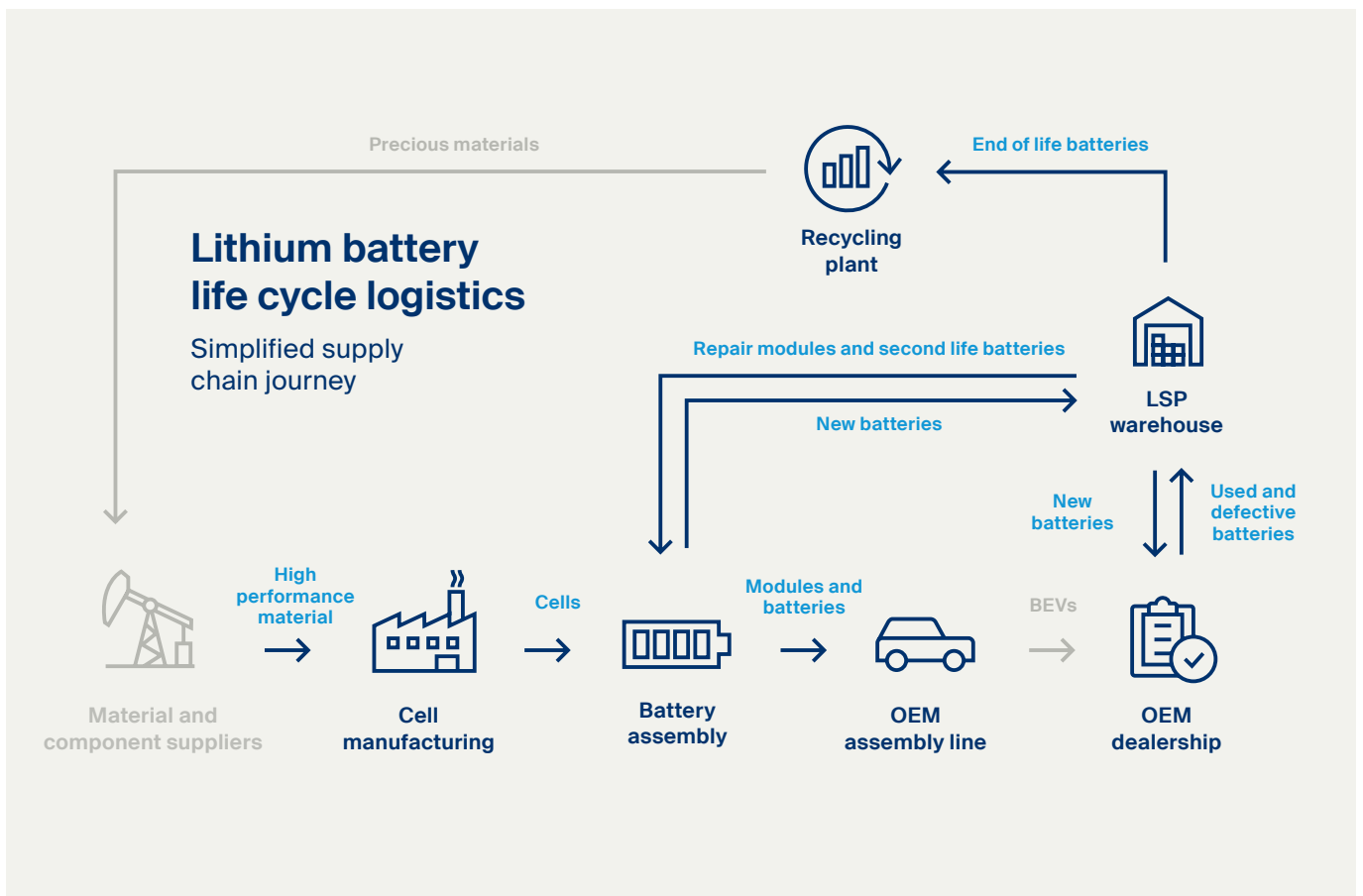
Are you looking for more control or higher performance? You can choose from these value-added features.

- Real-time monitoring of physical parameters and location
- Specialised and re-usable packaging
- Battery charging, de-charging and state of charge control
- Environmental performance measuring and carbon offsetting

### Key features

Your lithium batteries benefit from these standardised, secure and reliable features – for the life cycle stage of your batteries.

- Certified systems and processes in compliance with elements of the international leading automotive quality standard IATF 16949/VDA 6.2
- Full compliance with international dangerous goods regulations through our global infrastructure of Dangerous Goods Safety Advisors (DGSA)
- Door-to-door shipment tracking, tracing and visibility
- Carrier network management that selects certified and trusted subcontractors, with preferential space allotments
- Operators in sea, air, overland and warehouse especially trained on lithium batteries



## About us

Kuehne+Nagel is one of the world's leading logistics providers, with a network of more than 1400 offices in over 100 countries. 83000+ employees worldwide are dedicated to providing our customers with innovative transport services and logistics solutions. Local specialists ensure that Kuehne+Nagel delivers according to our customers' needs and in compliance with all regulations and industry requirements.

Learn more about our services at → [kuehne-nagel.com](https://kuehne-nagel.com)  
Contact email → [knbatterychain@kuehne-nagel.com](mailto:knbatterychain@kuehne-nagel.com)