

10 Reasons Why Battery Manufacturers Need Circular

Europe’s Battery Regulation and Ecodesign for Sustainable Products Regulation, along with many other mandates and initiatives, mean upstream transparency is coming to myriad product groups – with deadlines fast approaching.

Batteries will be the pioneers of this shift towards responsibility, sustainability and circularity. But as the industry moves through this important maturation phase, the creation of this transparency must be done in a way that is both efficient and cost effective.

Battery manufacturers partner with Circular to safeguard internal resources, enabling them to focus on core business growth instead of developing costly and complex in-house solutions. At the same time, they leverage our large network of battery supply chain participants along with our industry-leading technology and expertise to drive efficiency and ensure they meet the timelines.

As a battery manufacturer, your responsibilities are either as the Economic Operator or serving the needs of multiple customers who are themselves the EOs. This is how Circular supports you in bringing visibility to inherited upstream activity and meeting your obligations in a cost-effective and secure manner.



1. Controlled data access

Data is protected by privacy-preserving technologies that use ‘privileged access’ keys.

2. Streamlined data management

Collect and organize a multitude of data for each battery from across the entire supply chain.

3. Secure data sharing

Organize and share specific data with different stakeholder groups.

4. Operational transparency

Dynamic visibility of material flows helps detect anomalies that could disrupt production.

5. CO₂-e reduction

Identify hotspots and abatement opportunities by monitoring and managing upstream emissions.

6. Neutral third-party

Impartial and independent solution that facilitates trust along the supply chain.

7. Time and money savings

Looming deadlines and lengthy development make building an in-house solution expensive and impractical.

8. Technology and regulatory expertise

Circular is deeply embedded in the evolving global regulatory requirements that inform clients’ needs for upstream information.

9. Established data network

150+ facilities actively provide data to the Circular platform, ensuring a fast start for new joiners.

10. Verification and audits

Prove activity to regulators with assured data sets – all traceability data is stored on the blockchain and cannot be altered.

If you would like to speak to one of the team, please contact us on info@circular.com