

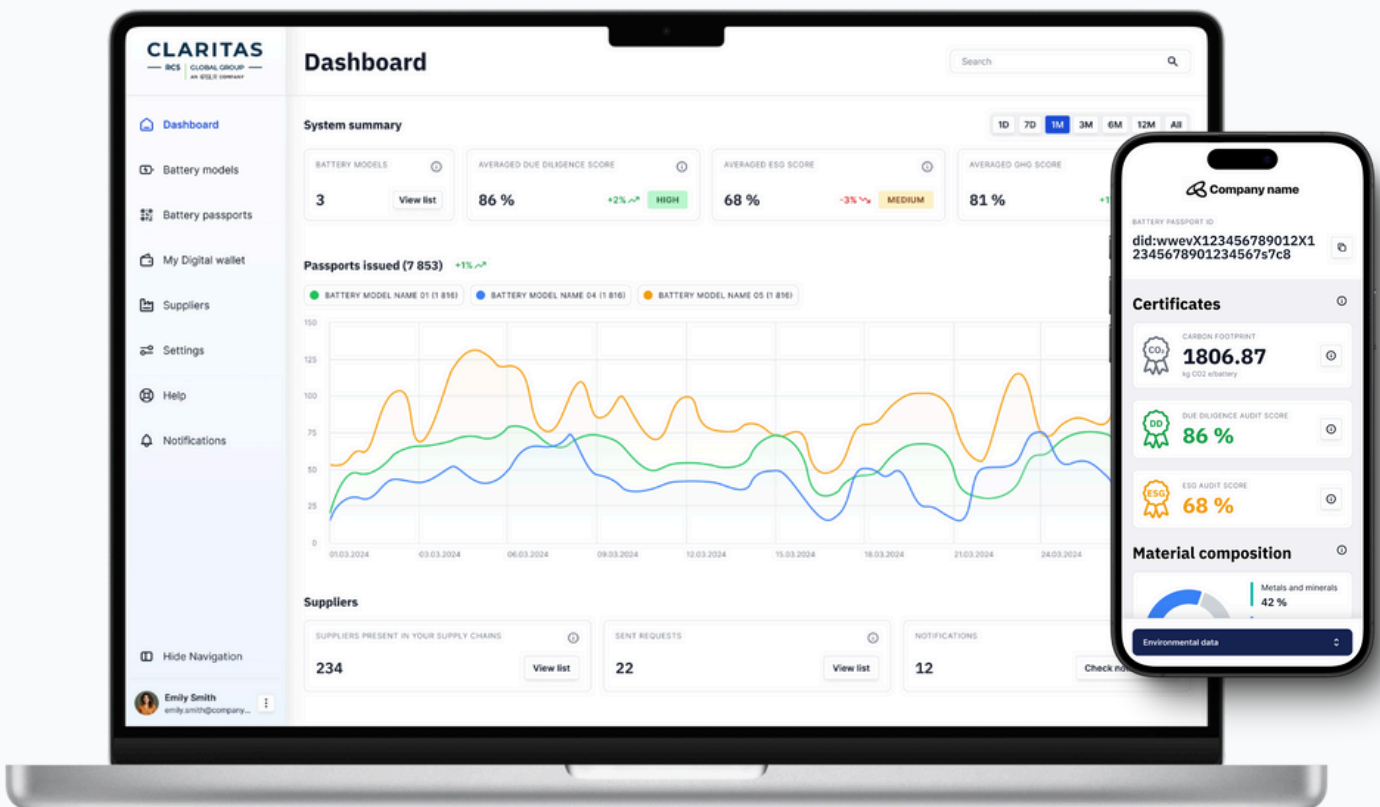


RCS

GLOBAL GROUP
AN SLR COMPANY

CLARITAS

Revolutionizing Supply Chain
Transparency and Regulatory
Compliance



Claritas: Enabling Sustainable Battery Lifecycle Management

At RCS, we empower OEMs and Battery Makers to implement and manage sustainable, responsible, and circular battery value chains through our digital battery passport

Who We Are

RCS Global Group is a global leader in responsible sourcing with over 17 years of experience in battery supply chain traceability. We partner with global organizations to ensure the highest standards of transparency and accountability.

Our solutions are trusted by 13 major automotive manufacturers, helping them achieve full compliance with global regulatory standards and ensuring supply chain integrity from raw materials to end-of-life.

Committed to collaboration and compliance with evolving regulations, RCS equips organizations with verifiable data, ensuring compliance with global sustainability standards and building trust with your partners and stakeholders.

We work with:



*Non-exhaustive, historical client list

Our Services

Battery Passport Data Management

- Issuance of battery passports compliant with EU and Catena-X standards.
- Role-based access control for data privacy and security.

Supplier and Material Traceability

- Performance scoring for suppliers, including ESG, and Due Diligence.
- Integration with Catena-X for data-sharing across networks.

Regulatory Compliance Support

- Scalable approach for adapting to regulatory changes.
- Data verification services to ensure data integrity and quality.

Data Sharing & Digital Wallet

- Secure sharing of certificates and compliance documents via digital wallets.
- Use of decentralized identifiers (DIDs) for secure data exchange.



Claritas Battery Passport

What's Our Current Solution

Claritas is a complete solution for managing battery passport data designed to ensure end-to-end traceability, data integrity, and regulatory compliance throughout the battery lifecycle. With transparent due diligence reporting and data interoperability, Claritas drives sustainability at every stage.

What Makes Us Better?

Claritas goes beyond compliance by delivering unmatched visibility, secure data management, and a simplified approach to regulatory adherence. Our solution empowers you to achieve full transparency, optimize your supply chain, and make sustainable choices, setting you apart in a rapidly evolving industry.

Put It in Context

Managing complex battery supply chains while staying ahead of evolving regulations is challenging. Claritas simplifies this process, ensuring transparency, sustainability, and compliance through efficient data management —giving you the confidence to meet regulatory demands.

THE EU BATTERY REGULATION ROADMAP

2025 Due Diligence

Supply Chain Due Diligence obligations

Art. 48

2027 Battery Passport

EV and industrial batteries- unique battery passport accessible via QR code

Art. 77

2028 Recycled Content

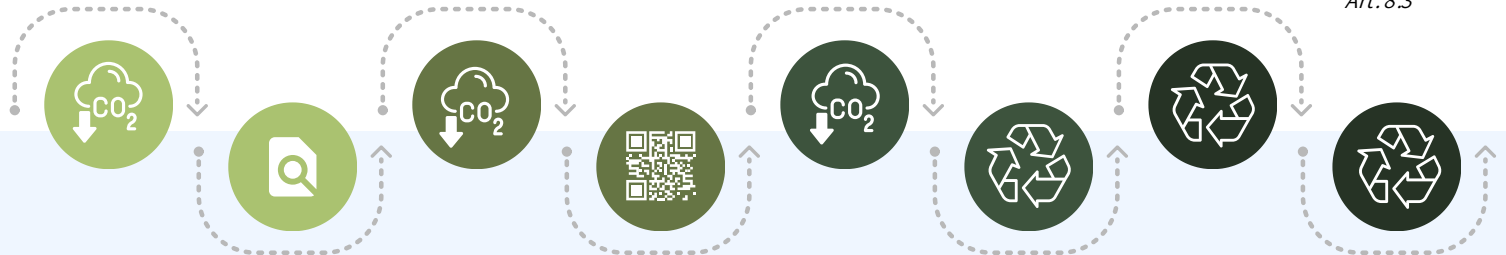
Recycled content for batteries containing LI, Ni, Co, or Pb in active materials.

Art. 8.1

2036 Recycled Content Minimum

Minimum recycled content rates: 26% Co, 85% Pb, 12% LI, 15% Ni.

Art. 8.3



2025 Carbon Footprint

3rd party verifiable declaration, available online

Art. 7.1

2026 Carbon Footprint

Performance Classes introduction

Art. 7.2

2028 Carbon Footprint

Carbon Footprint maximum threshold introduction

Art. 7.3

2031 Recycled Content Minimum

Minimum recycled content rates: 16% Co, 85% Pb, 6% LI, 6% Ni.

Art. 8.2

The EU Battery Regulation introduces the battery passport, a digital record of battery lifecycles to enhance transparency and sustainability. By February 18, 2027, manufacturers must issue these passports, which will require extensive data collection across the entire battery value chain. Now is the time to prepare for compliance with these upcoming regulations.

Claritas offers a comprehensive digital solution to meet the evolving requirements, ensuring compliance with battery traceability and regulatory demands, including carbon footprint and material composition reporting. Our platform combines advanced mapping, auditing, and data management to support your supply chain visibility and regulatory adherence.



Product Key Features

Comprehensive solution designed to ensure battery compliance with EU regulatory requirements with planned implementation of Catena-X standard.

01 Verifiable Battery Passport Issuance

Issuing and signing of a verifiable battery passport for each battery type.

02 Data Security and Complete User Control

Wallets based on Self-Sovereign Identity (SSI) technology manage data access and permissions.

03 Interoperability for Data Exchange

Integration with other platforms: internal (Vine) and external (Spherity) for data monitoring and validation. In the long term, possibility to connect with the enterprise user platforms via API.

Our **vision** is to establish a data ecosystem of verified battery raw material suppliers by 2025. This will enable OEMs and battery makers to deliver digital battery passports to the market and regulators.

What data does the Battery Passport include?

Product ID

Static Data Points, including attributes such as Product Name, Model, Serial Number

Disposal Information

Energy Recovery, Waste and Hazardous Substances Waste



Product Lifecycle

Material Composition, Technical specifications and Dynamic Data points

Documents

User Manuals, Product Maintenance Guides, Certificates

R-strategies

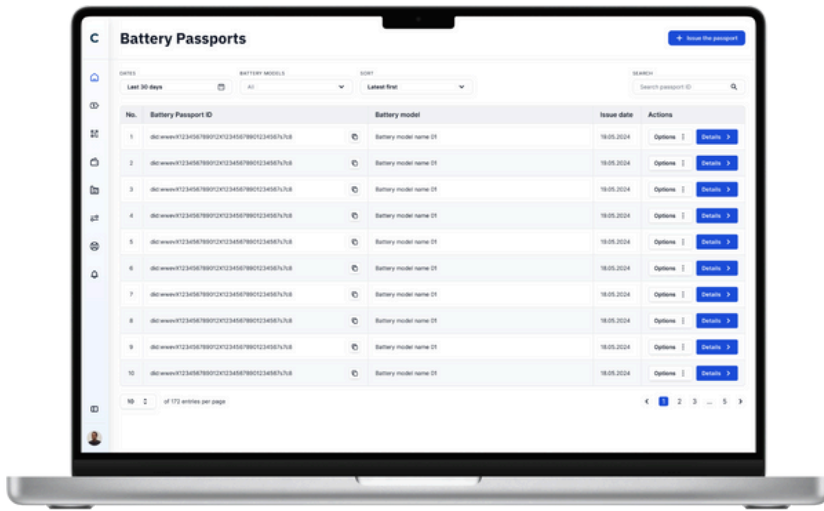
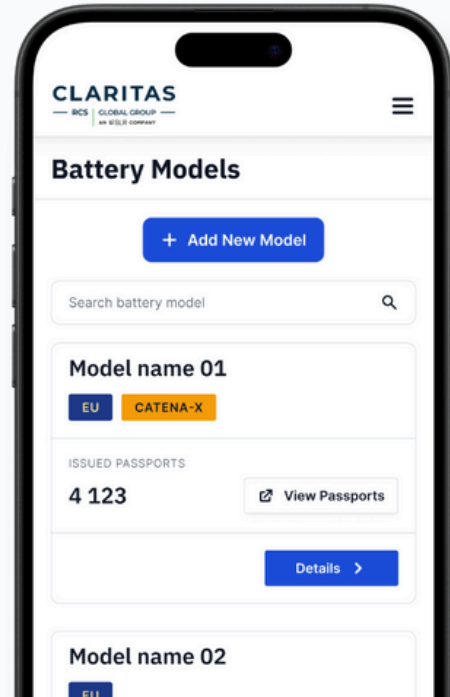
Reuse Information, Recycling Guidance, Collection Instruction



Models

Display and management of all the battery models added to the organization.

- 01 Centralized storage for all model data, ensuring easy access and management.
- 02 Easily upload, view, and edit detailed battery model information with intuitive controls.
- 03 Track due diligence and ESG scores based on RCS Supply Chain assessments, ensuring transparency and compliance.



Passports

Display and management of all the issued battery passports.

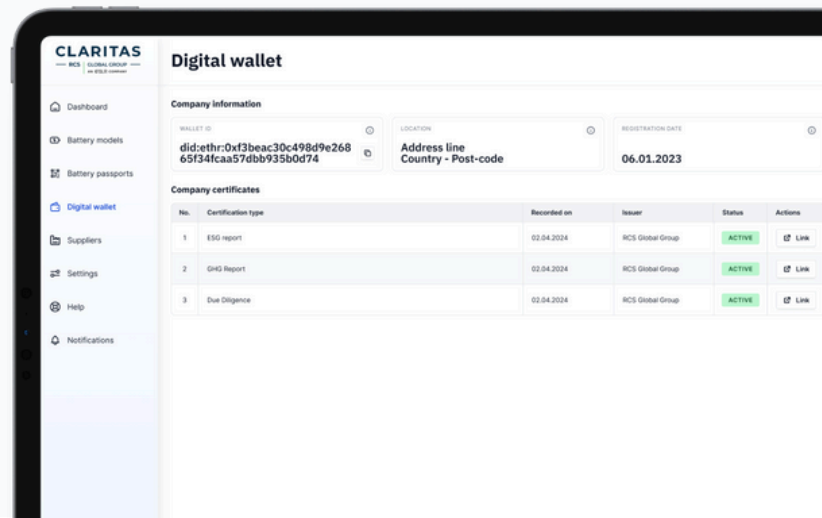
- 01 Centralized storage of all issued battery passports, simplifying access and organization by model.
- 02 Easily view and edit detailed battery passport information for full control over compliance.
- 03 Issue new digital battery passports with access to the public interface, ensuring transparency throughout the process.

Digital Wallet

Digital Wallet feature to manage organizations' documents in a secure way based on SSI Technology.

Powered by  SPHERITY

- 01 Ensures data security and sovereignty, providing full user control over information.
- 02 Edit and revoke certificates in real time, ensuring up-to-date documentation.
- 03 Facilitates the secure exchange of verifiable data, ensuring trust and compliance in every transaction.
- 04 Enables interoperability with other data ecosystems.





Claritas Today

Pioneering the Future of Battery Passport

In 2024, RCS Global pioneered an end-to-end battery passport proof of concept in collaboration with a leading automotive OEM.

01 High Quality Data

Validated our core belief in the necessity for high-quality, assured data and interoperable technology.

02 Traceability Challenges

Addressed key challenges in battery raw material traceability, leading to improved data consistency.

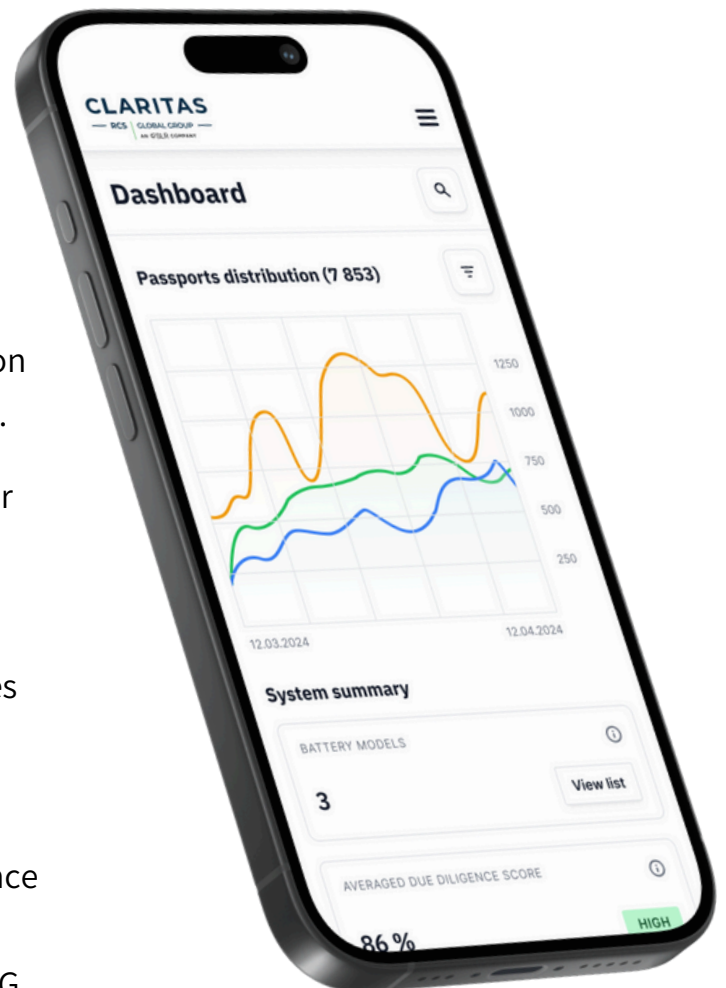
03 Learning from Obstacles

Revealed structural obstacles in obtaining comprehensive supply chain data.

Our 2024 Proof of Concept with a leading EV manufacturer was pivotal in refining Claritas, our cutting-edge solution for battery passport compliance and supply chain transparency. This collaboration led to a significant upgrade, integrating both EU and Catena-X standards for passport creation. The insights gained from this partnership have positioned Claritas at the forefront of battery passport technology, ensuring our clients stay ahead in regulatory compliance and supply chain management.

Claritas Focus in 2025

- ✓ Ensure compliance and enhance digital interoperability with EU regulations and major digital exchange standards.
- ✓ Forge strategic collaboration with industry programs, private sector leaders, and solution providers to drive innovation and efficiency.
- ✓ Deliver a comprehensive battery passports for OEMs, ensuring traceability from sourcing to end-use verified datasets.
- ✓ Enhancing platform usability with new features and optimized workflows, simplifying compliance processes.
- ✓ Assess companies in the network for compliance with GHG, Due Diligence, and supplier and traceability requirements, and Issue digital ESG credentials to enhance transparency and accountability.





Our Digital Solutions

Learn more about what RCS Global Digital Solutions has to offer.



RCS Trace is the leading digital product traceability solution that enables you to connect the physical to the digital, ensuring a secure and verifiable chain of custody for mineral supply chains.

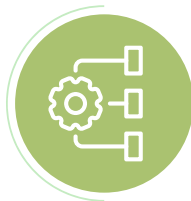


Vine is a due diligence platform that enables transparency and regulatory conformance through the discovery and visualisation of global supply chains.

Our Solutions to Meet Your Needs

Trusted
Auditors

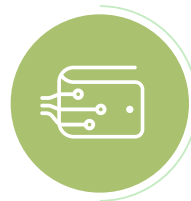
High-Quality Data and
Software



Expertise in Supply Chain
and Data Management



Due Diligence & Responsible
Upstream Process



Contact Us

To learn more about how our digital solutions can transform your supply chain management.



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