

Executive summary

The future of climate assurance

Key trends transforming how organisations manage climate risk and responsibility



Top trends impacting your business

Transportation and mobility companies are facing growing pressure to decarbonise, improve ESG performance and meet increasingly complex regulatory requirements.

From automotive and aerospace to rail, shipping and logistics, the sector must balance operational performance and safety with climate accountability.

At the same time, the sector is responsible for nearly one-quarter of global greenhouse gas emissions. With energy transition targets on the horizon and supply chain scrutiny intensifying, the ability to track, verify and report climate data is no longer optional. It is essential to competitiveness, compliance and long-term growth.

This short summary highlights the most relevant trends from LRQA's latest global guide to climate assurance, helping transport and mobility organisations build more credible, consistent and future-ready sustainability strategies.

1 Global regulations are tightening, with Europe leading the charge

2 Stakeholders demand increased ESG transparency and accountability

3 A growing skills gap is holding back credible climate reporting

4 Technology is essential, but the ESG tech space is overcrowded

5 Strategy and operations remain disconnected in many organisations

6 Net Zero goals are high, but real progress is falling short

7 Scope 3 decarbonisation is stalled by supply chain opacity

Key climate assurance challenges facing the transportation and mobility sector

1. Scope 3 opacity is stalling decarbonisation

Transportation businesses are heavily reliant on extended supply chains, yet supplier emissions data remains inconsistent or unavailable. Without credible Scope 3 data, Net Zero roadmaps fall short and regulatory scrutiny is rising.

2. Strategy and operations remain disconnected

Many organisations have set climate goals, but execution often lacks clarity. Misaligned data ownership, inconsistent reporting practices and siloed teams mean sustainability objectives aren't embedded into day-to-day operations.

3. Net Zero commitments risk credibility gaps

As public commitments grow, stakeholders expect meaningful action. Overreliance on offsets, outdated baselines, or vague pathways can damage trust and expose organisations to greenwashing risk.

4. Global regulation is tightening fast

The sector is already navigating frameworks like the EU's Corporate Sustainability Reporting Directive (CSRD), EU Emissions Trading System (EU ETS), Carbon Offsetting and Reduction Scheme for International Aviation (CORSA), Carbon Border Adjustment Mechanism (CBAM) and Green Claims Directive, all of which demand more rigorous data, reporting and assurance.

[Access the full guide:](#)

The Future of Climate Assurance: seven trends transforming how organisations manage climate risk and responsibility

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Why LRQA?

Whether you're measuring your organisational carbon footprint, validating product emissions, or preparing for mandatory climate disclosures, LRQA provides the independent assurance and verification services you need to build confidence in your data and meet stakeholder expectations.

We understand that every organisation's sustainability journey is different and so are the risks, regulations and reporting challenges you face.

With over 20,000+ audits and verifications completed each year, our experts work closely with you to improve the integrity of their climate reporting, across increasingly complex supply chains.

What makes LRQA unique?



Global reach

Local expertise in countries all over the world, with consistent delivery across your sites and supply chain.



Flexible delivery

On-site or remote, we tailor our services to suit your operations and timelines.



Proven credibility

A trusted verification partner, helping shape international standards and frameworks.



Sustainability-first

One of the world's leading ESG assurance providers, with deep experience in GHG and supply chain data.

61,000+
clients globally

5,000+
colleagues globally

900+
ESG specialists

Operating in
150+
countries

**Keeping people and goods moving
safely, securely and sustainably**

Find out more



About LRQA

LRQA is the leading global assurance partner, bringing together decades of unrivalled expertise in assessment, advisory, inspection and cybersecurity services.

Our solutions-based partnerships are supported by data-driven insights that help our clients solve their biggest business challenges. Operating in more than 150 countries with a team of more than 5,000 people, LRQA's award-winning compliance, supply chain, cybersecurity and ESG specialists help more than 61,000 clients across almost every sector to anticipate, mitigate and manage risk wherever they operate.

In everything we do, we are committed to shaping a better future for our people, our clients, our communities and our planet.

Get in touch

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