

RSB GLOBAL FUEL CERTIFICATION

A dependable sustainability standard
for global renewable fuel markets

Participation in global renewable fuel markets increasingly depends on credible sustainability certification that is recognized by clients, regulators, and supply-chain partners. Renewable fuel producers and technology providers often operate in voluntary or emerging regulatory environments, where demonstrating sustainability leadership and traceability is critical to market access and differentiation. The growing need for credible, recognized sustainability credentials has underscored the importance of internationally trusted certification systems.

The Roundtable on Sustainable Biomaterials (RSB) Global Fuel certification is an internationally recognized sustainability certification standard designed for renewable fuels, enabling companies to demonstrate robust environmental and social performance while aligning with voluntary market expectations and global sustainability frameworks, such as the EU Renewable Energy Directive (RED) Fuel Certification.

LRQA, a leading global risk management partner, together with EcoEngineers, an LRQA company that serves clean energy companies through advisory and assurance services, are approved by the Roundtable on Sustainable Biomaterials (RSB) to provide certification services under the RSB standard. We bring deep technical expertise across biofuels and biomaterials to implement the RSB program and deliver audits and certifications across the certification schemes, including Global Fuel certification.

Benefits of RSB Global Fuel Certification

RSB Global Fuel certification applies the same rigor, transparency, and sustainability principles that underpin RSB's regulated schemes. It provides a credible, third-party verified framework for demonstrating responsible production, traceability, and lifecycle GHG performance across global fuel pathways.

RSB Global Fuel certification is often selected by companies seeking to differentiate their products, support corporate sustainability commitments, align with Science Based Targets initiative (SBTi) goals, and build trust with clients and stakeholders. It also serves as a strong foundation for companies anticipating expansion into regulated markets.

What Certification Covers

RSB Global Fuel certification applies to a broad range of renewable fuels and technologies, including biofuels derived from waste and residues, recycled carbon fuels from non-biogenic waste streams, and renewable fuels of non-biological origin such as green

hydrogen, synthetic fuels, and Power-to-X pathways. For first-time participants, certification may take six to nine months, depending on the time required for pre-audit preparation and the company's risk level, which is identified by the RSB risk assessment tool.

Certification spans the full value chain, from feedstock sourcing through production and trade, and supports diverse feedstock types including agricultural residues, forestry waste, municipal solid waste, industrial waste gases, and renewable electricity.

This certification is ideal for companies operating in international markets that want to demonstrate market leadership. It is particularly relevant for biofuel producers in North America, South America, Asia, Africa, and the Middle East, as well as renewable hydrogen and e-fuel manufacturers, waste-to-energy operators, and advanced fuel technology companies. It also supports corporations with Science-Based Targets initiative (SBTi) commitments, businesses seeking voluntary carbon credit generation, and energy suppliers to multinational corporations with sustainability requirements. Organizations aiming to differentiate themselves in competitive markets and qualify for voluntary sustainability programs will also benefit.

Why EcoEngineers and LRQA

Certification is only as strong as the partner behind it.

LRQA and EcoEngineers combine independent, accredited assurance with deep technical expertise in renewable fuel policy, life-cycle assessment, regulatory compliance, and GHG verification. Together, we deliver efficient, independent certification services that meet regulatory expectations without compromising integrity.

We have conducted life-cycle analyses for more than 1,000 fuel pathways and related products and performed over 1,500 audits supporting biofuel and GHG claims.

Our teams provide practical, market-ready guidance throughout the certification process, supporting efficient audits, complex supply chains, and multisite operations while maintaining credibility with regulators and fuel buyers.

**To learn more, connect with our RSB assurance team today:
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