

RSB GLOBAL ADVANCED PRODUCTS CERTIFICATION

A dependable sustainability standard for advanced and circular products worldwide

Global markets increasingly prioritize advanced, bio-based, and circular products supported by credible sustainability claims. Companies producing renewable materials, recycled products, and advanced chemicals must demonstrate environmental and social performance through trusted, third-party certification to meet customer, investor, and stakeholder expectations. Without credible certification, sustainability claims risk challenge, restricted market access, or exclusion from procurement programs.

The Roundtable on Sustainable Biomaterials (RSB) Global Advanced Products certification is an internationally recognized sustainability standard designed for non-fuel products produced and traded globally. It enables companies to demonstrate responsible sourcing, robust lifecycle greenhouse gas (GHG) performance, and alignment with circular economy principles across complex value chains. Developed through a uniquely inclusive multi-stakeholder process, RSB certification is recognized for its rigorous sustainability framework and ensures verified social and environmental integrity from feedstock sourcing through final product delivery.

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 Advanced Product certification.

Benefits of RSB Global Advanced Products Certification

RSB Global Advanced Products certification provides principles and a framework for independent, third-party verification of environmental performance, social responsibility, and traceability across advanced product value chains.

The certification is often selected by companies seeking to support corporate environmental, social, and governance (ESG) commitments, align with circular economy goals, and differentiate their products in competitive global markets. It also provides a strong foundation for organizations anticipating future regulatory requirements or expansion into regulated jurisdictions.

What Certification Covers

RSB Global Advanced Products certification applies to a wide range of non-fuel products, including bio-based chemicals, polymers, plastics, and materials derived from renewable

or recycled feedstocks, such as packaging. It supports circular economy applications by validating recycled carbon content and renewable inputs, and it accommodates multi-feedstock and multi-product operations. Certification spans the full value chain, from feedstock sourcing through production and trade, enabling flexibility for complex and innovative supply chains. This certification is important to:

- Manufacturers of bio-based chemicals and polymers
- Producers of recycled or renewable materials
- Traders and distributors of sustainable products
- Brand owners seeking credible sustainability claims
- Technology developers in advanced recycling and conversion

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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