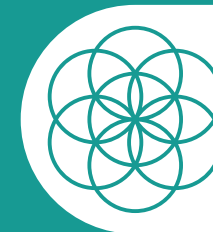


NEW HORIZONS REVIEWING 2019



RSB

Roundtable on
Sustainable Biomaterials

www.rsb.org

EXECUTIVE DIRECTOR'S WELCOME



New Horizons

2019 was a banner year for RSB that saw growing recognition of RSB's leadership in the circular and bio-based economy, as well as engagement of new sectors and overall expansion of our global footprint.

RSB continues to be acknowledged as the most robust and comprehensive standard in the bio-based economy, with Germany's oldest eco-label, Blue Angel, and the International Coalition for Sustainable Aviation's (ICSA) — the only environmental NGO group accredited to ICAO — adding to the growing list of organisations that recognise RSB's approach as the best-in-class.

The theme of this year's report — *New Horizons* — speaks to our continued drive for innovation and broader impact in new sectors like chemicals, polymers, and shipping, as well as partnerships to develop new sustainable supply chains in Africa and Latin America.

2019 saw the first certifications under the Advanced Products Standard issued to INOVYN and INEOS O&P — members of the

INEOS Group — and UPM. The standard has stimulated interest across the sector, with several certification applications coming in at the close of the year.

2019 also saw the launch of a multi-year program with longstanding partner Boeing, in order to promote the development of a sustainable bioeconomy in South Africa, Ethiopia, and Brazil by working across sectors.

The RSB technical team continues to deliver innovative solutions. Working with Maersk, RSB advised on the allocation of carbon reductions from biofuel use to the goods carried on-board — enabling Maersk to offer a new product for its customers seeking to reduce the climate impact of the products they ship. RSB worked with SkyNRG to evaluate the certification readiness and GHG reduction potential of a planned sustainable aviation fuel plant in the Netherlands.

RSB also continued to provide expert input to the development of CORSIA and prepared to submit its standard for recognition by ICAO in early 2020. Elsewhere, the government of Japan reviewed

EXECUTIVE DIRECTOR'S WELCOME

systems for biomass certification under its Feed-in Tariff system for power generation. RSB received favourable reviews by Japanese experts, positioning the Standard for approval in early 2020.

The RSB community continued to grow with new members from the shipping, chemicals, and fibres sectors. The Annual Meeting was once again a highlight for RSB and its members, setting a new benchmark for collaboration and networking across sectors by using interactive technology to develop a visual roadmap for the sustainable bioeconomy.

All this has been made possible by the commitment of our members and certified operators to creating a sustainable, circular bioeconomy, reflected in the expert input given to applying the RSB Standard to new sectors, constructive feedback to improve the RSB certification system, and excellent leadership from the RSB Board and Assembly of Delegates.

The Secretariat looks forward to working with our community in 2020 in further broadening RSB's horizons and creating a just transition to a net positive world.

Thank you for your continued support,



Rolf Hogan
Executive Director, Roundtable on Sustainable Biomaterials





2019 HIGHLIGHTS

First Advanced Products Certification

The first certification to RSB's new Advanced Products Standard was announced during 2019, with the launch of INOVYN's latest generation of PVC with a 100% RSB-certified supply chain.

This RSB-certified renewable feedstock demonstrates a commitment to supporting food security, human rights, zero deforestation, and positive outcomes in a range of other social and environmental issues — as well as driving innovation in the circular and bio-based economy. RSB provided ongoing support to INOVYN and its supply chain partners throughout the certification process, via tailored advisory services, to ensure that they were well prepared for their audit to RSB's requirement.

▮▮ The RSB Advanced Products Standard has shattered the glass ceiling, accelerating development in the bioeconomy space. ▮▮

Jason Leadbitter
Sustainability and Corporate Social Responsibility Manager
INOVYN

Blue Angel (Blauer Engel) Comparison of Certification Systems



Source: Implementierung von Nachhaltigkeitskriterien stoffliche Nutzung von Biomasse im Rahmen des B...

Environmental Criteria

Social Criteria

Reliability of Certification System

Reliability of Data Collection System

RED Requirements

Blue Angel Recognition

The world's oldest eco label, German Blauer Engel (Blue Angel), conducted research in 2019 that showed that RSB offers the only certification system for biomaterials that fulfils the rigorous requirements to be recognised under their own sustainability approach. The 147-page study assessed a variety of sustainability systems for biomaterials according to the Blue Angel requirements and found that RSB's system is the only one that can be recommended for use without any constraints or additional requirements.

Fuelling the Sustainable Bioeconomy in Africa and South America

2019 saw the launch of multi-year project with Boeing. Fuelling the Sustainable Bioeconomy is a project powered by Boeing's Global Engagement Portfolio which aims to help the aviation industry play a leading role in climate change mitigation, job creation, economic growth stimulation, development of rural livelihoods, and environmental protection. By providing guidance on the sustainability of alternative fuels, bringing together relevant stakeholders, and integrating the bioeconomy as a critical part of the just energy transition, Fuelling the Sustainable Bioeconomy will help to direct investment, policy makers, market development and further research in supporting the emergence of a truly sustainable bioeconomy.



2019 HIGHLIGHTS

Working on a low carbon transport product with Maersk

A.P. Moller – Maersk announced its exciting collaboration with RSB in developing a transport product that will allow Maersk to reliably and credibly pass on greenhouse gas savings to customers as part of their company’s drive to reach carbon neutrality. The system enables Maersk’s customers to be credited for these savings on the transportation of goods, lowering the carbon footprint of the final product in shops. This is a powerful tool for these customers to make claims about their lowered carbon footprint, based on a truly credible and practical approach developed by the world’s most trusted sustainability standard.

RSB Gathers Aviation Leaders to Support Sustainable Deployment of Alternative Fuels

RSB hosted a lunch for aviation leaders at the IATA Alternative Fuels Symposium. In a year where industry leaders have focused on readying themselves to translate their sustainability commitments into action while navigating the ever-complex challenges facing a growing industry in a climate-uncertain future, this session provided an introduction to RSB and shared details about some of the most exciting innovations RSB leaders are driving globally, as well as the collaborations and new ideas being forged by the RSB community.



SkyNRG & KLM Announce Commitment to RSB Certification

SkyNRG and KLM announced the first European alternative aviation fuel plant. The plant is due to be operational in 2022 and the project has committed to achieving RSB certification for the facility — cementing its social and environmental credentials with the world’s most trusted sustainability standard for the circular and bio-based economy. RSB worked to project greenhouse gas savings for different feedstock scenarios and process settings to help SkyNRG select the best DSL-01 design and attract investors. The plant is to be built by SkyNRG, with KLM committed to purchasing 75, 000 tons of the fuel per year over 10 years.

ICSA Endorses RSB

The International Coalition for Sustainable Aviation's (ICSA) vision for a “zero climate impact” international aviation pathway towards 2050 endorsed RSB as the “best-in-class sustainability certification standard for advanced aviation fuels.”



Image: James Cheung, Unsplash

2019 HIGHLIGHTS

FPIC Project launches collaboration between RSB and Equitable Origin

RSB is working on a project with Equitable Origin, supported by the ISEAL Innovation Fund in partnership with the Swiss State Secretariat for Economic Affairs (SECO), to continue the development of the FPIC-360° tool for monitoring and verifying Free, Prior and Informed Consent (FPIC) in an EO initiative in partnership with RSB and indigenous leaders from the Amazon. Many of the ISEAL Alliance member standards, as well as International Finance Institutions, have incorporated FPIC requirements and this project aims to overcome challenges in unlocking knowledge, experience, and guidance on how FPIC can and should be implemented, what successful FPIC is, and how assurance providers can verify whether FPIC has been achieved.

“We are delighted to welcome RSB as a partner of Business for Nature. Its multi-stakeholder approach to the development of an advanced bioeconomy through practical and credible tools is a valuable addition to our coalition. Businesses need clear and practical solutions to protecting and restoring nature throughout their value chains.”

Eva Zabey
Executive Director
Business for Nature



Image: Boeing

RSB Joins Business for Nature Coalition

RSB joined the Business for Nature coalition of businesses and organisations seeking to reverse the global biodiversity loss crisis by 2030. Aiming to provide a united business voice that can demonstrate and amplify existing commitments to protecting nature, while also building further action, this coalition of almost 40 global entities will enter 2020 with the clear aim of forging an international agreement towards reversing nature loss over the coming decade.

RSB Joins the Brazilian Coalition on Climate, Forests and Agriculture

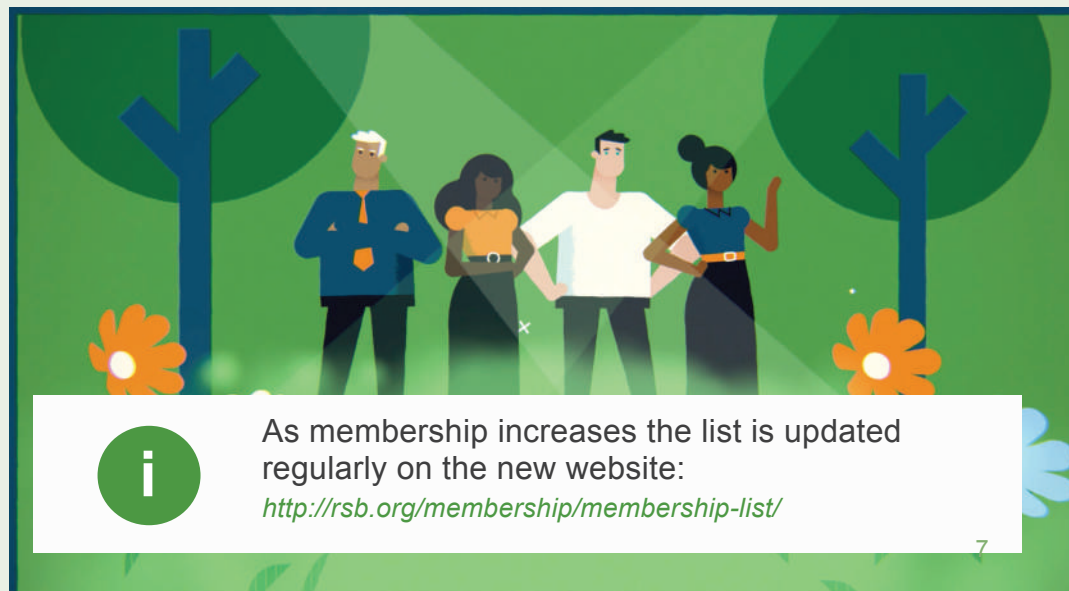
RSB joined the Brazilian Coalition on Climate, Forests and Agriculture, as part of our commitment to growing inclusive economies and protecting precious natural and human capital. The 200-plus member coalition is working together on a range of pressing social and environmental issues in Brazil and RSB will help to drive the case for real and meaningful sustainability — especially in encouraging sustainable agricultural practices and the restoration of degraded land — in Brazil’s approach to climate change, and the preservation of its precious natural assets and agricultural sector. encouraging sustainable agricultural practices and the restoration of degraded land - in Brazil’s approach to climate change, its precious natural assets and the important agricultural sector.

MEMBERSHIP UPDATE

Our community continues to thrive. In 2019 we welcomed the following members:

- 1 ABBI**
Brazilian BioInnovation Association
- 2 Addis Ababa Institute of Technology**
- 3 Ann Blake Consulting**
- 4 DB Tarimsal**
- 5 GoodFuels** (Associate to Full Membership)
- 6 Haldor Topsoe**
- 7 ICENECDEV**
International Centre For Environmental Education and Community Development
- 8 Namibia Biomass Industry Group**
- 9 PECDC Group**
Pan-African Environmental Conservation and Development Company
- 10 Solidaridad Southern Africa**

- 11 SSI**
Sustainable Shipping Initiative
- 12 Steeper Energy**
- 13 Textile Exchange**
- 14 Total**
- 15 Wilmar BioEthanol**



As membership increases the list is updated regularly on the new website:

<http://rsb.org/membership/membership-list/>

PROJECT UPDATE

Fuelling the Sustainable Bioeconomy – a Project Powered by Boeing

Fuelling the Sustainable Bioeconomy is an RSB project powered by Boeing's Global Engagement Portfolio. The project aims to help the aviation industry play a leading role in climate change mitigation, job creation, economic growth stimulation, development of rural livelihoods, and environmental protection. By providing guidance on the sustainability of alternative fuels, bringing together relevant stakeholders, and integrating the bioeconomy as a critical part of the just energy transition, Fuelling the Sustainable Bioeconomy will help to direct investment, policy making, market development and further research in supporting the emergence of a truly sustainable bioeconomy.

The project is working in three countries identified to be of key importance, given their rapidly growing commercial aviation sectors and potential to produce significant volumes of feedstocks: Brazil, Ethiopia, and South Africa. In these countries, the growth of a sustainable bioeconomy is particularly relevant, taking into account the prominence of land-based sectors in the economy, socio-economic development objectives, and various complex environmental challenges. By ensuring that the bioeconomy in these countries is anchored in the best-in-class sustainability of the RSB Standard, the project aims to ensure that the aviation industry will promote jobs and boost local economies without negatively impacting food security, biodiversity, land access, or water rights.

Some of the strategic objectives of the project include:

- supporting the development of a global SAF sector;
- facilitating understanding and implementation of sustainability across bioeconomy sectors — guided by the RSB Standards;
- transforming traditional commodity sectors and supporting new feedstock and technology development; and
- linking with regional and global initiatives and market leaders to drive supply chain development.

RSB's Boeing Project Team visit Raizen's 2nd generation ethanol mill in Piracicaba, São Paulo State, Brazil



PROJECT UPDATE

Fuelling the Sustainable Bioeconomy – a project powered by Boeing



Brazil

An established biofuel producer with the ambition of becoming a market leader in aviation.

RSB created a scholarship in 2019 via the University of Campinas, which is Brazil's leading academic institution with regards to biofuel and bioeconomy research. The scholarship aims to develop the sustainability acumen of early-career professionals in the sector, and to share learning from the RSB standards through the academic curriculum.

We also strengthened relationships with the business and NGO community by partnering with Brazilian BioInnovation Association (ABBI) — the leading advocate in Brazil for companies and organisations in the bioeconomy — and joining 200 companies and NGOs in the Brazilian Coalition on Climate, Forests and Agriculture. To aid in building RSB's footprint in the country we also translated our main 'explainer' animation into Portuguese.



Ethiopia

A bioethanol producer that is looking at biofuel development to mitigate climate impact in its growing aviation sector.

In Ethiopia, RSB has been building on the achievements from 2018, when we signed a MOU with the national government to jointly promote sustainable aviation fuel development in the country

and region. Since then, a multi-stakeholder committee has been formed to shape a SAF roadmap for Ethiopia, consisting of local government, oil companies, sector experts, NGOs and Ethiopian Airlines — Ethiopia's national airline carrier.

RSB is also participating in bioeconomy strategy development for Ethiopia and Eastern Africa, driven by BioInnovate Africa who are based in Kenya.



South Africa

A nation with an increasing appetite for a low-carbon economy that can create jobs and drive economic growth.

RSB's continued work in South Africa to develop a sustainable bioeconomy has seen us shape a new "Bioeconomy Initiative Platform". RSB has also been engaging national stakeholders to obtain their input into the development of RSB's guidance for the sustainable eradication of invasive alien biomass — which is one of the biggest threats to biodiversity, water security, and livelihoods in the country.

Reya Fofa, a project aiming to scale feedstock production for biodiesel and SAF, has also committed to achieving RSB's certification.

UNLOCKING EXPERTISE

Looking to unlock the hundreds of years collective experience and expertise present at the 2019 RSB Annual Meeting, we experimented with an exciting new format for bringing attendees front and centre in a collaborative approach aimed at developing a roadmap for the sustainable bioeconomy.



Utilising cutting edge live polling and digital scribe technology, the entire room worked together to explore and understand the road ahead for the bio-based economy through the lens of three different yet interconnected stories presented by Nuseed, UPM Biofuels, and INEOS. Throughout the sessions, attendees could provide feedback, ask questions, and flag issues using their phones — and this input was added directly to a digitally-scribed map.

Our audience were energised and invited to participate in taking market factors, global economic indicators, and shifting consumer behaviour into account as part of an interactive group learning experience where they contributed to the development of a sustainable bioeconomy transformation roadmap.

This kicked off two days of dialogue, discussion, and collaboration, where the RSB community explored how best to stimulate circularity, addressed specific challenges around supply and production, looked at key sectors (shipping and aviation) and discussed the evolving role of RSB in the circular and bio-based economy.

▼ This year's meeting made clear that the assurance of sustainability offered by RSB is more important than ever in the face of increasing challenges to the earth's resources and climate. It was truly inspiring to see the energy and commitment of the diverse group of stakeholders gathered in Berlin last week and to hear real-world experiences in using the RSB Standard for new supply chains and products. ▼▼

Laurel Harmon, Vice President for Government Affairs, LanzaTech

UNLOCKING EXPERTISE



RSB's Annual Meeting gathers stakeholders from different sectors around a table to discuss important sustainability topics. We shared the UPM Biofuels journey as part of the development of the sustainable bioeconomy transformation roadmap. This new interactive session brought the community into lively discussion and idea sharing across the whole bioeconomy sector, highlighting RSB's important role as a platform for educating society about sustainable choices.

Liisa Ranta
Senior Manager, Sustainability & Market Development
UPM Biofuels



UNLOCKING EXPERTISE



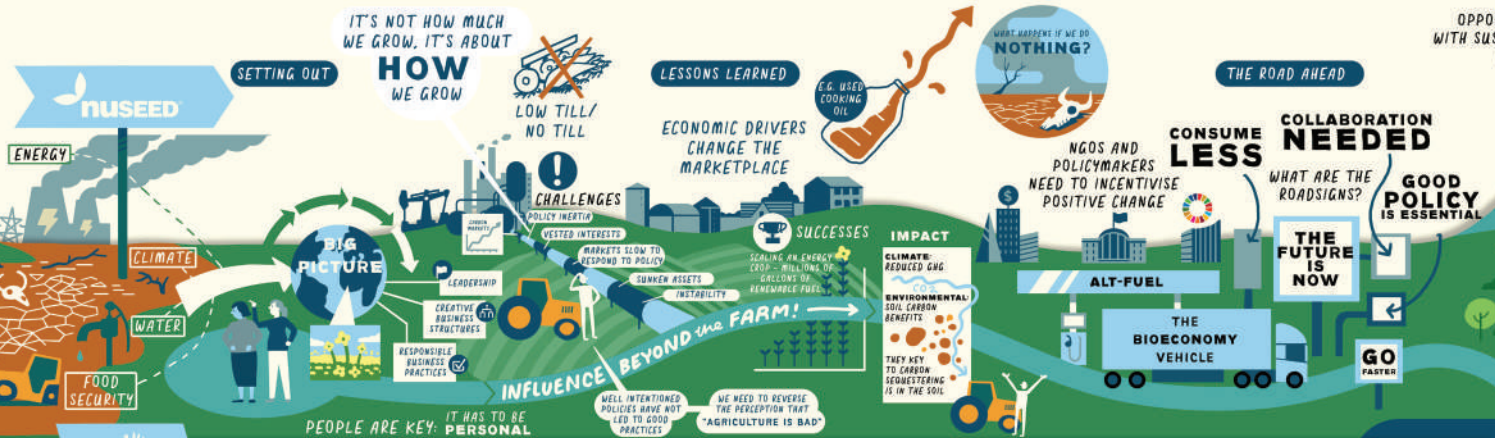
ROADMAP QUESTIONS:

HOW DO WE GET BIG COUNTRIES AND LEADERS ON BOARD?

HOW DO WE OVERCOME THE VESTED INTERESTS?

WHY BOTHER?

HOW DO WE CONVINCE CONSUMERS IN AN AGE OF POPULISM?



FINANCE & INVESTMENT

INGOs

POLICY MAKERS



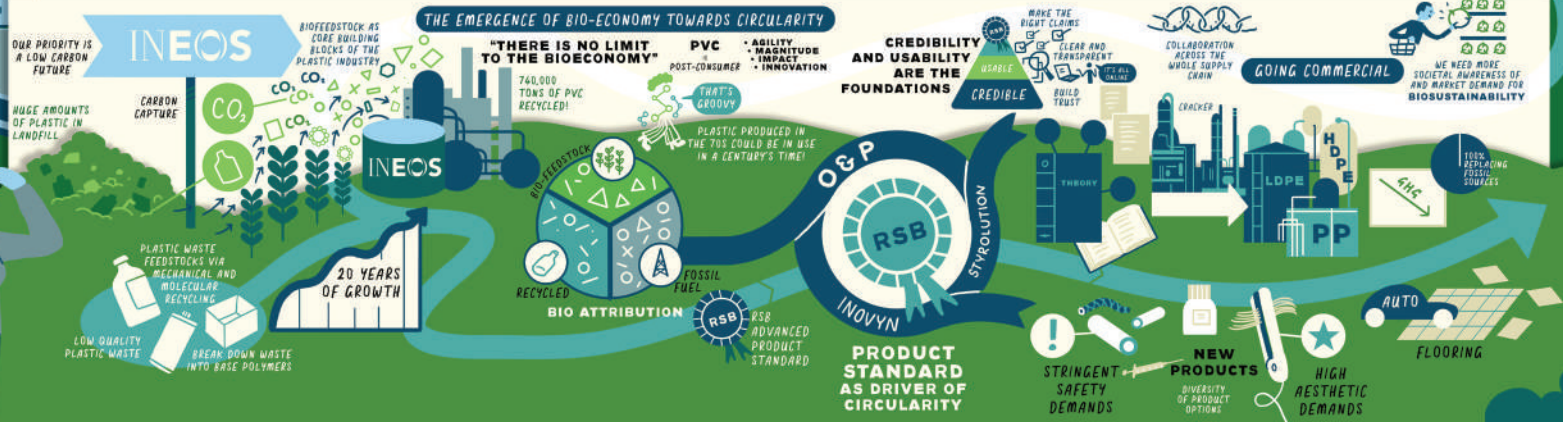
OUR PRIORITY IS A LOW CARBON FUTURE

HUGE AMOUNTS OF PLASTIC IN LANDFILL

LOW QUALITY PLASTIC WASTE

BREAK DOWN WASTE INTO BASE POLYMERS

20 YEARS OF GROWTH



DE-SULPHURING SHIPPING

MAGIC INGREDIENTS

STRONG LEADERSHIP

COURAGE AND COMMITMENT

INNOVATION AND LEARNING

VISION AND INTENTION

COLLECTIVE ACTION

Scriberia

CERTIFICATION

The RSB M&E System measured certified operators, operational sites included in the scope of certification, and countries of operation. Since 2012, our footprint has grown to cover 24 countries and 86 different feedstocks.

RSB saw strong growth in the volume of certified products (fuels and advanced products) produced in 2019 – from 368,776 metric tons in 2018 to 432,620 metric tons. This is a reflection of the continued maturation of the alternative fuels market and its certification. While certificate numbers stayed the same year on year, several new operators were added to the RSB certification system – mainly from the certification of Advanced Products. The number of certified sites grew from 44 in 2018 to 52 in 2019.

Change in key RSB indicators from 2018 to 2019

Indicator	2018	2019
% of operators using waste and residue materials	55.5	55.5
Amount of alternative fuel produced by certified operators (metric tons)	273, 224	322,375
CO2 emissions savings from fuel (metric tons)	477, 152	582,202
Workers protected	5680	4841
Cultivated Area (hectares)	18,100	16,841

Since RSB's beginning (2012)
TOTAL EMISSIONS OF

2,198,016
metric tons of CO₂eq
were prevented



The greenhouse gas emissions avoided through fuel production by RSB-certified operators since 2012 is equivalent to the emissions released by a large container ship travelling 2.56 million km — the length of 64 trips around the equator!

A large container ship (average cargo capacity = 68,600 tonnes) with a CO₂ efficiency of 12.5 gCO₂/tonne-km (Source: 2nd IMO GHG study: <http://www.imo.org/en/OurWork/Environment/PollutionPrevention/AirPollution/Documents/SecondIMOGHGStudy2009.pdf>)

CERTIFICATION



16, 841 hectares of land
is protected by RSB certification

On this land, responsible and sustainable practices, as per the RSB's **Principles & Criteria**, are implemented, for example:

- Soil erosion reduction and soil conservation practices
- Improvement of soil quality
- Water management
- Protection of conservation values



4841 workers
are covered by RSB certification

RSB certification ensures workers are protected by our requirements on human and labour rights, including:

- Freedom of association
- No slave labour or forced labour
- No child labour
- No discrimination
- Minimum wage
- Safety and health
- Grievance mechanism for workers

*Germany's oldest eco label, **Blauer Engel (Blue Angel)**, found that RSB is the only certification system for biomass that fulfil their own rigorous requirements to be recognised under their own approach.*

POLICY AND STANDARDS

In 2019, the RSB continued to advocate on policy matters at various levels and undertook ongoing developments to our Standard to ensure our continued relevance in a changing world.



Elena Schmidt
Standards Director
RSB

RSB's work on standards and policy is a key activity as we work to shape crucial regulatory drivers by encouraging uptake of RSB's uniquely robust sustainability principles. This work is also a tool for us to look ahead to innovations of industries adopting low carbon and circular business models, ensuring that RSB can proactively develop tools and solutions for sustainability in these innovations. In 2019, our technical work was focused on implementation — we worked on practical tools and guidance to support operators implement RSB's standard, with a particular focus on our new Advanced Products Standard. We also worked to further strengthen RSB's assurance, auditing, and certification system to ensure the ongoing robustness and credibility of RSB claims in the market.

POLICY

During 2019, RSB supported the development of policy in key regions and sectors.

Japan

The Japanese Ministry of Energy, Transport and Industry (METI) reviewed certification systems for biomass imported to Japan for energy generation under the Feed-in-Tariff (FIT) system. A METI working group looked at palm residues such as palm kernel shells and palm trunks from replacing plantation trees. METI made a provisional recommendation in September to recognise RSB along with the Roundtable on Sustainable Palm Oil (RSPO). With formal approval of RSB due in the first half of 2020, RSB worked with RSB members such as WWF Japan and Biomass Group to engage Japanese industry and prepare for certification in 2020.

Netherlands

In 2019, the Dutch Government officially recognised RSB's EU RED approach for fuel made from waste. RSB's EU RED approach goes beyond the regulatory requirements to offer additional surety around the specific risks of fraud in the UCO market and it is this robustness that is recognised by the Dutch Ministry of Infrastructure and Water Management.

ICAO

RSB was active during 2019 in the ICAO Fuels Task Group (FTG), advocating for the incorporation of a range of sustainability criteria in the CORSIA requirements.

POLICY AND STANDARDS

In 2019, RSB continued the ongoing development of our best-in-class sustainability standard — in order to ensure its continued relevance and utility for users of the system. Focus areas in 2019 were the development and refinement of a variety of tools, guidance materials, and procedures, most of which aimed at supporting the efficiency and usability of the overall system.

RSB Procedure on Developing RSB Standards, Procedures & Guidance

The Procedure for Development and Modification of RSB Standards, RSB Procedures, and RSB Guidance is the basis for all developments of normative documents in the RSB system. The new Procedure adopted by the RSB Assembly of Delegates is the result of the merging of several pre-existing procedures into one unified document to guide all developments in the RSB system. It explains different categories of documents (standards, procedures, guidance) and how they are developed and approved.

Key updates in the refreshed Procedure are:

- The establishment of a General Standard Working Group
- Introduction of a formal differentiation between regulatory and core standards
- Introduction of standard amendments
- Simplification of processes
- Clarification of terms and processes

RSB Procedure for Certification Bodies and Auditors

RSB's Procedure for Certification Bodies and Auditors underwent a thorough review and update process during 2019, in order to further strengthen our assurance system.

RSB Procedure for Risk Management

RSB revised its Procedure for Risk Management with the input of auditors and operators. The Procedure is now in a one-year pilot

period which will allow the Secretariat to collect feedback and input from system users on the procedure and built-in its risk assessment tool, which enables operators to easily assess risks in their supply chains and operations. RSB's risk-based approach is a unique benefit of the system — allowing operators to identify and manage only the risks that apply to their specific context.

RSB Benchmark with *naturemade*

Where possible, RSB works with other standards to recognise their approach to sustainability, so as to make the RSB system more accessible. In order to ease the entry of certified biomethane into RSB supply chains our system is now able to accept biomethane certified with the Swiss quality seal *naturemade star*. By recognising other systems — when they can demonstrate that they are equivalent to RSB's robust sustainability and traceability requirements via a detailed benchmarking and gap analysis process — RSB is making certification simpler for whole supply chains and supporting industry in unlocking access to real sustainability.

In order to accept *naturemade star* certified biomethane into the RSB system, an assessment of how well the *naturemade star* standard is aligned with the RSB Global Standard for the certification of Advanced Products (non-energy products) was conducted. This benchmarking process found that the sustainability risks associated with the specifics of this supply chain (biomethane from end-of-life products and residual materials) are adequately addressed in the *naturemade star* system.

ADVISORY SERVICES

RSB's Advisory Services are designed to broaden the impact of RSB's best-in-class sustainability standard by assisting our members and partners in understanding and implementing sustainability in a variety of settings — beyond certification. Through technical and strategic advice, hands-on implementation, and staff training and research, we work with organisations to apply the principles of our world-class sustainability Standard across policies, projects, and operations.

With 12 active projects during 2019, our experts were able to provide hands-on sustainability expertise on the ground on four continents. Through training for implementation of RSB standards, analysis of sustainability standards or management practices in the supply chain, development of national or regional RSB indicators, supply chain mapping — and more — we have assisted the organisations and companies we work with to navigate the new challenges and opportunities presented by the development of a sustainable bio-economy.

RSB Projects in 2019 included:

Innovative Mobility Product:

Developing a GHG Traceability System for shipping with **A.P. Moller - Maersk**

Preparation for RSB Certification:

RSB provided detailed technical support to **INEOS O&P**, **Styrolution** and **INOVYN**, to prepare each business unit for certification.

Developing a Chain of Custody System:

RSB worked with **LanzaTecho** develop a handbook for guiding their selection and development of a practical and credible chain of custody system.

RSB Advisory Services in Focus: Preparation for RSB Certification

RSB has designed an approach to supporting companies in achieving certification, where a team of RSB experts provides in-depth guidance and support across the entire process of preparing for your RSB certification. Every process is different, but might include:

- defining the scope for certification;
- support during the application process and use of pre-assessment tools;
- review of GHG calculations;
- review of ESMPs (Environmental and Social Management Plans);
- review of chain of custody systems and procedures; and
- guidance related to specific requirements for group certification — including smallholder groups and their management system.



MARKETING AND COMMUNICATIONS

2019 was a big year for RSB visibility, with growth across the board in key visibility metrics, including our website, events, social media, and publications.

We worked to build recognition and visibility of RSB in key markets around the world. Highlights of this included:

- the launch of our first animation in Portuguese to support our work in Brazil;
- the publication of articles and thought leadership pieces in the ICAO Environmental Report, Impakter Magazine, Biofuels International and others;
- development and participation in webinars with Innovation Forum, GARDN, WWF International, and TextileExchange; and
- the development and launch of our sustainable bioeconomy leadership roadmap at the 2019 Annual Meeting.

Looking within, we also continued to explore ways to simplify the usability of our technical content, as well as access to it — via our website, presentations, and training materials.



Join the conversation and network on our Twitter feed: [@rsb_org](https://twitter.com/rsb_org)

To support the launch of our groundbreaking Standard for Advanced Products, RSB launched a brand new 90 second animation – to help explain how our unique positive impacts approach can support and drive innovation and sustainability in the circular and bio-based economy.



*Watch it **here** now.*

BUSINESS DEVELOPMENT AND OUTREACH



Stephen Wetmore
Business Development Director
RSB

There is no doubt that we are at a cusp of rapid change — positive change — that is being stimulated by company commitments to bold carbon reductions, change that is being demanded by woke consumers, and change that is being supported by ever-shifting investor sentiment.

Through exciting projects and partnerships, presence at strategic events, and a continued focus on building relationships, RSB's business development activities continue to help build our global membership and RSB as an organisation — to ensure real sustainable impact

RSB was represented at over 20 events globally in 2019 — many of them showcasing events for sectors — where we introduced RSB's thought leadership, insights, and innovative approaches, to engaged audiences. Through the generous support of ClimateWorks, RSB was able to host a lunch for SAFUG (Sustainable Aviation Fuel Users Group) members and other aviation leaders as a side event to the IATA Alternative Fuels Symposium where we highlighted how embedding RSB Principles from day one supports producers, suppliers, and end users in ensuring that their commitments to alternative fuels are grounded in unparalleled social and environmental sustainability.



Cementing existing relationships and building new ones in key sectors was a focus in 2019, with a range of partnerships developed. RSB became a partner in SkyNRG's groundbreaking BoardNow programme, which aims to help corporate consumers purchase alternative aviation fuel. RSB also joined the Business for Nature coalition, to add our voice to a global call for a new deal for nature in the coming decade.

Building our relationship with Boeing, our Fuelling the Bioeconomy project has given us the opportunity to meet demand in the mature Brazilian market while taking the opportunity to build local sustainable bioeconomies in South Africa and Ethiopia.

Rounding out a fantastic year for our global community, RSB's 2019 Annual Meeting was a highlight and a true expression of the power of our global multi-stakeholder community.

GOVERNANCE - BOARD OF DIRECTORS



RSB Board of Directors and Management Team - L-R: Rolf Hogan, Jayant Sarnaik, Maiju Helin, Arturo Barrit, Robert Boyd, Laurel Harmon, Elena Schmidt, Stephen Wetmore.

RSB is run by its members. Our members support the organisation in determining the direction of a healthy and sustainable bioeconomy. They come together once a year at our Assembly of Delegates at the RSB Annual Meeting to approve changes to the standards, appoint the Board of Directors, review the accounts, and make any adjustments to the rules and governance of the organisation.

LIST OF DIRECTORS AT 31.12.2019

Chamber 1	Maiju Helin – UPM Biofuels (Chair); Laurel Harmon – Lanzatech (Vice Chair)
Chamber 2	Robert Boyd – IATA (Treasurer)
Chamber 3	Arturo Barrit – Associated Labor Unions-Trade Union Congress of the Philippines (ALU-TUCP)
Chamber 4	Jayant Sarnaik – Applied Environmental Research Foundation (AERF)
Chamber 5	Bing Xu – Heriot-Watt University

GOVERNANCE - ASSEMBLY OF DELEGATES

The Assembly of Delegates is the highest decision-making body of RSB. Chamber Delegates represent their chamber at assembly meetings and they engage there with the Delegates of other chambers to deliberate on issues of governance and standard development — and in some cases to vote. The Assembly approves modifications to the RSB Standard and appoints the Board of Directors to run the affairs of the RSB.

LIST OF DELEGATES AT 31.12.2019

Chamber 1	Srinivasan Ramachandran – Joil (Singapore) Glenn Johnston – Nuseed Liisa Ranta – UPM-Kymmene Corporation
Chamber 2	John Kornerup Bang – A.P. Moller – Maersk Steven Le Moing – Airbus Eric Howard – Boeing; Elizabeth Wood – Boeing
Chamber 3	Laxman Neupane – Centre for Empowerment and Development Abubakar Datun – Rural Development Institute of Sultan Kudarat Leonardo Rosario – Trowel Development Foundation
Chamber 4	Mauro Armelin – Amigos da Terra - Amazônia Brasileira Jayant Sarnaik – Applied Environmental Research Foundation (AERF) Alix Grabowski – WWF International
Chamber 5	Andrew Pozniak – Green Aviation International Association Kateryna Derkach – Green Aviation Research and Development Network (GARDN) Meshack Odera Muga – Kenya Forestry Research Institute

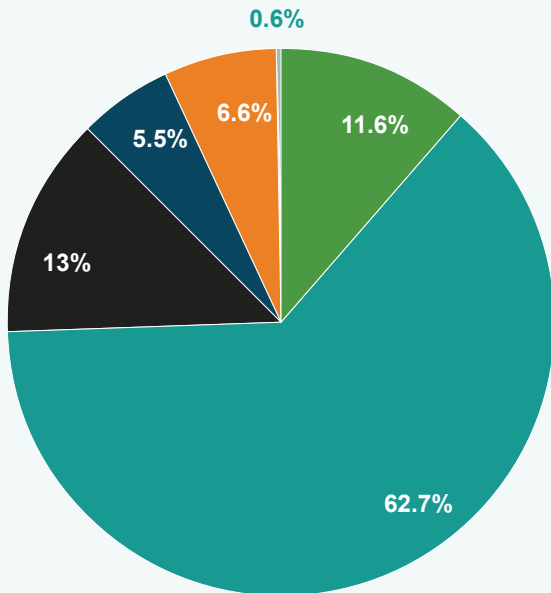
FINANCIALS

Revenue

Total revenue in 2019 was

1, 199, 793 CHF

- Donations & Grants
- Sponsorship
- Membership Fees
- Sale of Services
- Certification
- Other Revenues



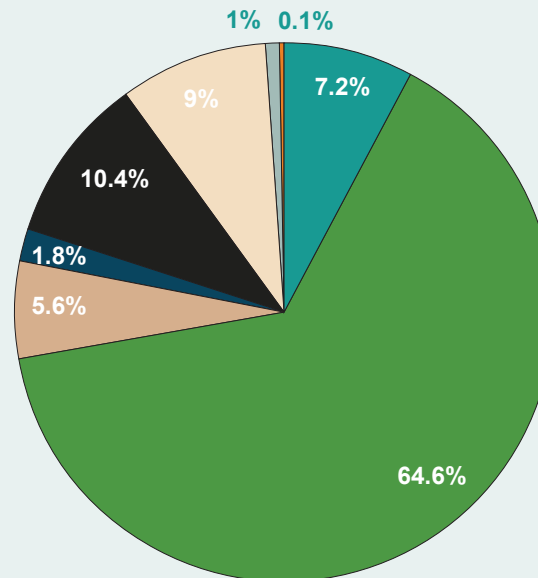
Diminution of revenues was:
-7, 722 CHF

Expenditure

Total expenses in 2019 amounted to

1, 128, 994 CHF

- Project & Professional Fees
- Marketing Expenses
- Salaries & Social Charges
- Travel Expenses
- Taxes
- Administrative & Office Expenses
- RSB Meetings
- Other Expenses



The financial result for 2019 was:
70, 798 CHF

Cash

At the end of 2019, total cash in the bank account was

519, 948 CHF

In 2019, RSB had an operational surplus of 70,798 CHF. This is the second consecutive year in which RSB is able to report an operational surplus. Self-generated income accounted for 30% of total revenues.

The biggest single share of revenue is accounted for by the **Boeing Corporate Citizenship Programme**, with the **Packard Foundation** and the **ClimateWorks Foundation** also contributing significantly to the RSB budget.

JOIN US IN DRIVING A JUST TRANSITION TO A NET POSITIVE WORLD



By creating solutions to ensure the sustainability of evolving bio-based and circular production, agricultural and energy systems, RSB is helping to drive a just transition to a net positive world.

Advisory Services

RSB provides expert consultancy through its advisory services — grounded in the highest levels of social and environmental sustainability — which are designed to support our clients' most crucial needs throughout their supply chains as they seek to transition to positive impacts and a circular economy.

We bring our deep and multi-functional expertise to help unlock opportunity and overcome the challenges of transforming businesses to operate and grow within our planetary boundaries — ensuring a just transition to a net positive world.

Certification

Through its most trusted certification scheme, RSB enables companies across the bio-based, advanced products, and circular economy to demonstrate the real and credible sustainability attributes driving a just transition to a net positive world.

Membership

RSB members are part of a worldwide movement of businesses, NGOs, academics, government, and UN organisations that demonstrate their commitment to best practice in sustainable biomaterial, biofuels and biomass production. This independent organisation unites these global stakeholders and is the most trusted, peer-reviewed membership community active in the bioeconomy which promotes bioproducts that enhance rural development, reduce greenhouse gas emissions and promote food security.

CONTACT DETAILS

Questions about RSB and the work we are doing in the sustainable bioeconomy? Reach out to us to learn more!

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