



The Roundtable on Sustainable Biofuels

The RSB Voluntary Certification Scheme

What makes it different

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Roundtable on Sustainable Biofuel

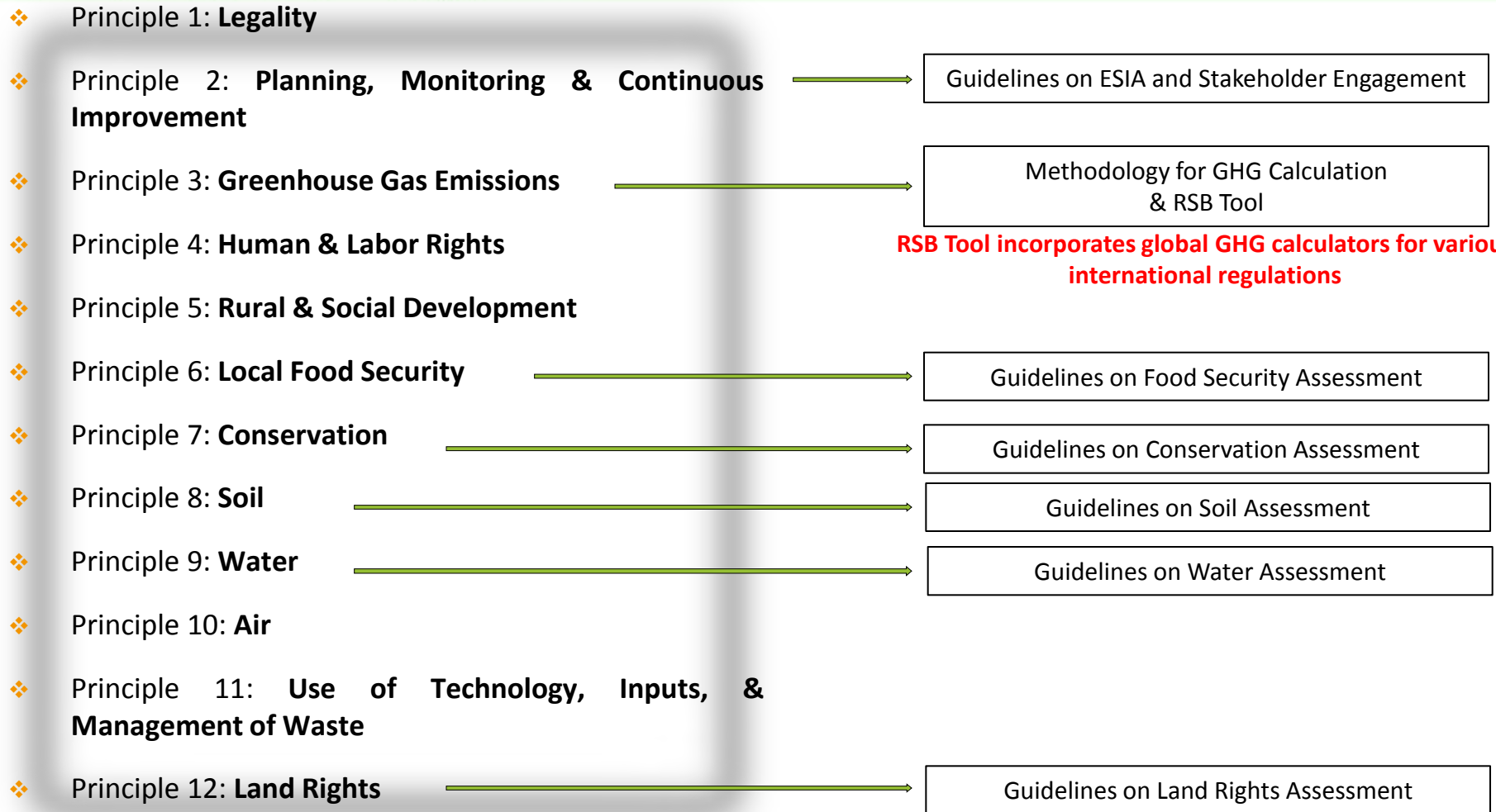
- Founded in 2007 as a multi-stakeholder initiative to develop sustainability criteria for bioenergy – Based in Lausanne, Switzerland hosted by the Swiss Federal Institute of Technology (EPFL)
- Over 120 organizations in 30 countries including members of the public, private and non-profit sectors.
- Objective to examine sustainability issues facing biofuels, and promote best practices to mitigate negative impacts, and incentivize positive ones.
- Resulted in the 12 Principles and Criteria that form the core of the Standard.

The Core Principles

- Three-legged stool of sustainability – people, planet, performance
- Twelve “Principles”
- Social and environmental accountability
- Economic viability for the operator
- Tools to better understand and run their business.

People	Planet	Performance
Socially responsible business practices	Climate change mitigation	Improved efficiency and productivity
Fair wages, safe working conditions	Water & soil conservation	Good practices for long term viability
Land rights, local food security	Responsible waste management	Continuous improvement

Principles and Tools



What is unique about the RSB Scheme?



- Feedstock and Technology Neutral
- Goes beyond RED compliance
- A truly global standard – with recognition and acceptance in numerous countries
- The only bioenergy sustainability standard that is a full member of the ISEAL Alliance

What makes the RSB Scheme different: Market Access and recognition

- Access and recognition internationally – beyond just EU markets
- Support from the aviation sector and oil majors
- Support from the NGO community
- Support from multi-lateral organizations, including UN agencies and development banks





Advantages of RSB Certification

Biofuel operators that receive RSB certification will be able to:

- Assure their customers that their product is responsibly produced.
- “Know their biomass/biofuel” by being able to trace the origin of the product along the entire supply chain.
- Receive market recognition as leaders in biofuel sustainable production.
- Benefit from a competitive advantage from the RSB’s active work to prioritise certification of their entire supply chain.

Comparison of Voluntary Schemes

	2BSvs	Bonsucro	Ensus	Greenergy	ISCC	NTA	RBSA	Red Cert	Red Trac	RSB	RTRS	SQC
Fully RED compliant	Yellow	Yellow	Red	Yellow	Green	Yellow	Green	Green	Red	Green	Green	Red
External Audits	Green	Green	Red	Red	Green	Green	Green	Red	Green	Green	Green	Green
Roundtable Scheme	Red	Green	Red	Red	Red	Red	Red	Red	Red	Green	Green	Red
Social Sustainability IFOR	Red	Yellow	White	Yellow	Yellow	White	Red	White	White	Green	Yellow	White
GHG savings - actuals	Red	Red	Green	Red	Green	Green	Green	Green	Red	Green	Green	Red



RSB Services Foundation

Mission:

To provide a framework and organization to facilitate the global adoption of the RSB standard including the certification process and oversight of licensing and use of the trademark.

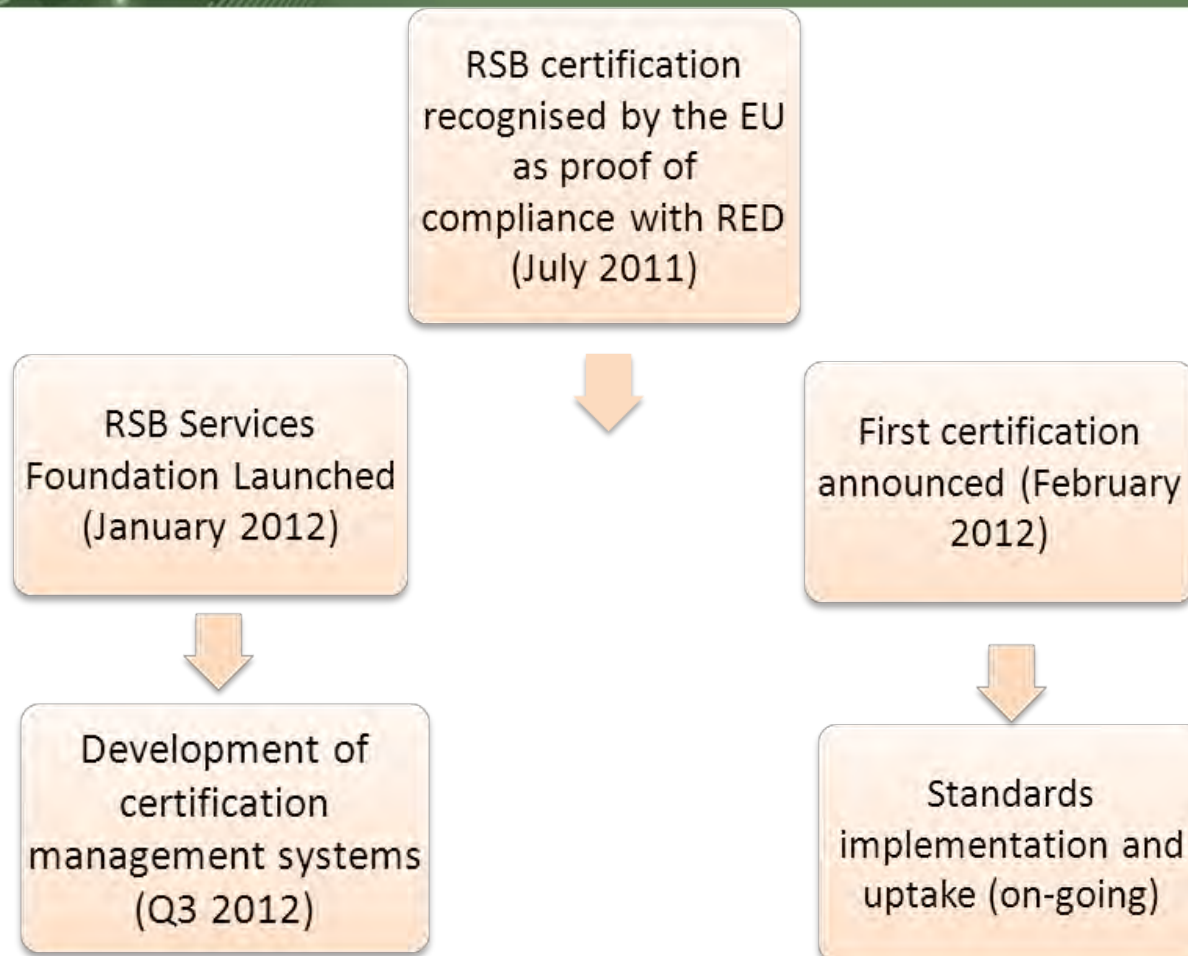
Non-profit organisation formed October 2011

launched in January 2012

Location: McLean, VA

Staff based in the USA, Europe and Asia

Timeline 2011-2012





Upcoming Certifications

- **US Certifications**

- Three UCO biodiesel plants, a R-Diesel/biojet plant, a cellulosic ethanol plant, a rapeseed based biodiesel plant and a fuel distributor.

- **North and South America**

- Rolling out a Canadian rapeseed adaptation
- Two Jatropha plantations in Latin America
- Sugarcane ethanol plant in South America

Europe

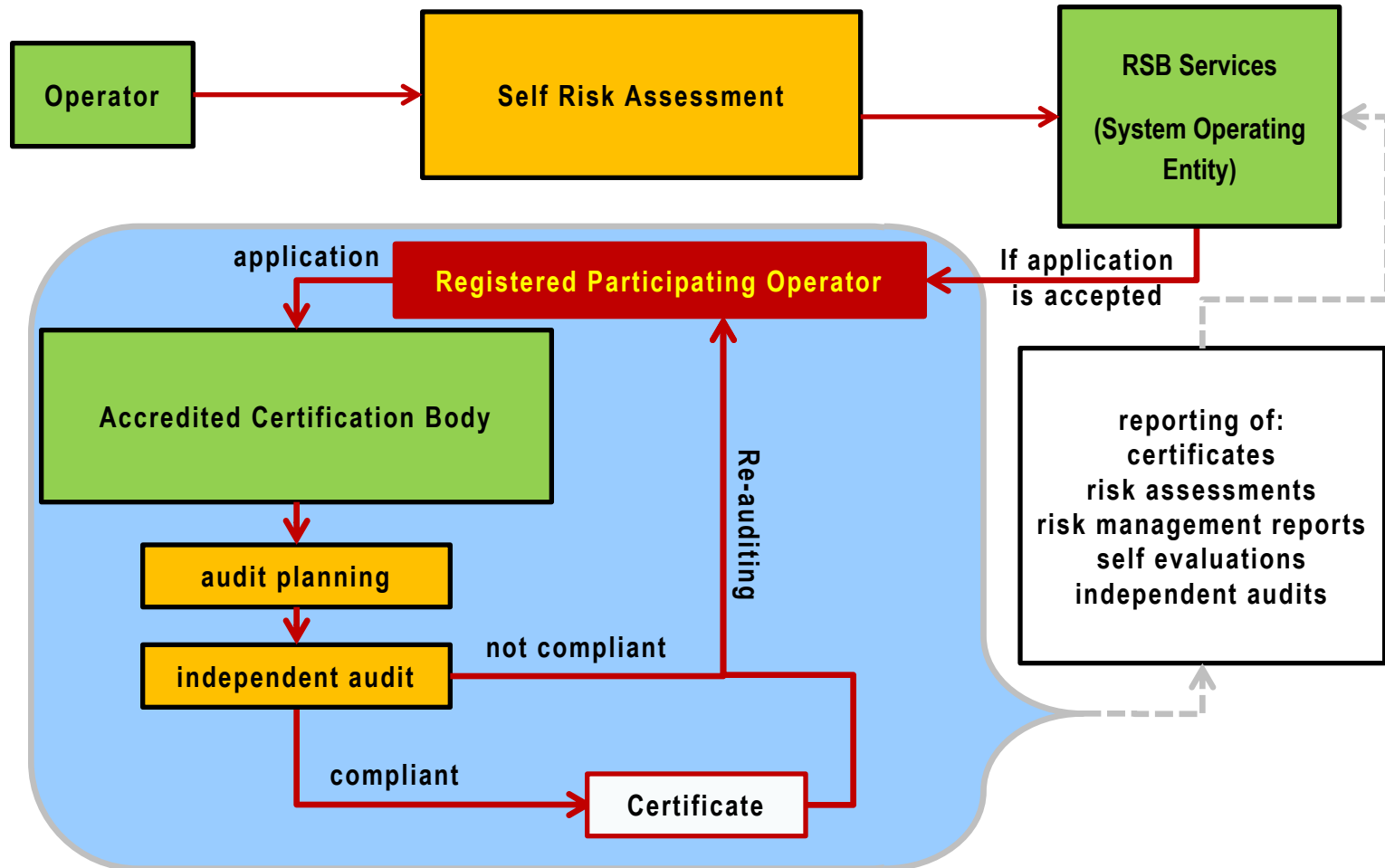
- - Rapeseed biodiesel production, aviation fuel producer and ethanol producer
- First Certification issued in January 2012 to a wheat residue ethanol plant in AU.

Certification to the RSB Standard

- Independent 3rd party certification bodies.
- Risk management approach - secure and robust while remaining flexible for participating operators.
- Different chain of custody options -100% segregation, mass balance.
- Flexible web based CoC system under development.
- Groups of producers can be certified.



RSB Certification Process



On-line application system

www.rsbservices.org



A screenshot of the RSB Services Foundation web application. The page title is "Application and Audit Preparation". The navigation menu includes "INTRODUCTION", "STEP 1: APPLICATION", "STEP 2: SELF-RISK ASSESSMENT" (which is highlighted), "STEP 3: SUBMIT APPLICATION TO CB", and "PRE-AUDIT TOOLS". The user is logged in as "ANNE-SOPHIE" and has links for "My account" and "Log out". The "APPLICATION PROCEDURE" section lists four steps: 1. Complete the Application, 2. Complete the Self-Risk Assessment, 3. Submit Application, Self-Risk Assessment, cover letter and application fee to RSB Services Foundation for due diligence review, and 4. Complete and submit the documents in the Pre-Audit Preparation & Tools section to RSB Services Foundation and whichever accredited Certification Body you choose. The main content area is titled "Self Risk Assessment" and shows "Risk Factor 1.3 (Weight = 3)" with a progress indicator at 14% and "Page 4 of 28". The risk factor description is "Risk factor: 1.3: geographic spread of the operation: *". Below this, there are five radio button options for the geographic spread, with the third option selected: "Participating operator controls operations in less than 3 different neighboring countries on one continent only. (3 - very high)". At the bottom, there are buttons for "Save Draft", "< Previous Page", and "Next Page >".

- Complete and submit short application form and initial risk assessment.
- Complete Screening Tool, Self Evaluation, ESMP, GHG Calculator before initial audit.
- Initial physical audit then alternating annual desk and physical audits for low risk suppliers.
- A sample of farmers/producers is audited.



Greenhouse Gas Calculator

- Online GHG calculator – available to all.
- Uses actuals as inputs so operators can gain the maximum advantage from efficiency improvements.
- Each additional percentage saving in GHG usage will be increasingly important.

2nd Generation biofuels

- Waste policy developed. No upstream certification required for MW or UCO.
- Residue policy under development. Economic value ratio of residue to main product of 10% is under discussion as a cut-off for upstream certification (non EU). Exception for high risk residues e.g. from palm oil production.
- Regular contact with European Commission to facilitate scheme development.



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