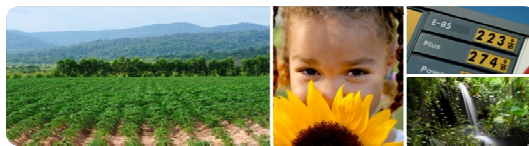




RSB
ROUNDTABLE ON SUSTAINABLE BIOFUELS

Towards Integrated Sustainability Certification



Sébastien Haye

16th March 2011

Public Workshop – Global-Bio-Pact, Medan



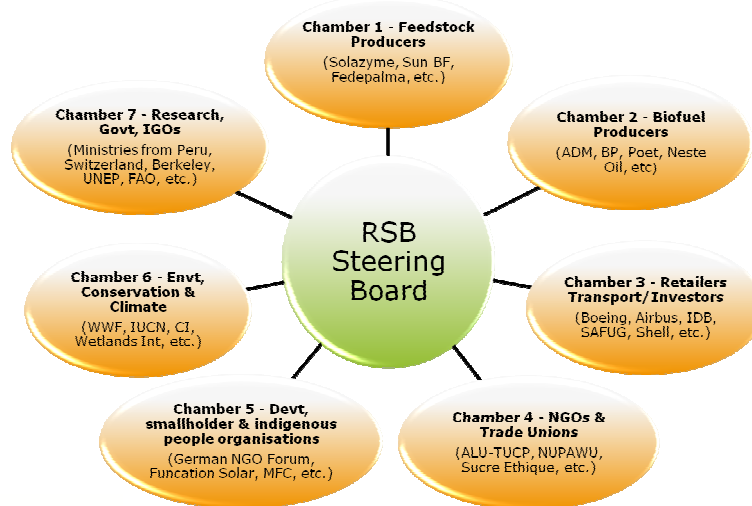
Biofuel Production

Complex Sustainability Challenges

- ❖ **GHGs** – Lifecycle GHG emissions, including land conversion
- ❖ **Food security**
- ❖ **Conservation & land use change**
- ❖ **Diverse feedstocks/crops**
- ❖ **New supply chains**
- ❖ **Use of wastes & residues**
- ❖ **Indirect Impacts**
- ❖ **Consumer acceptability**



The RSB Governance



The RSB Standard

Global, multi-stakeholder certification standard on sustainability and biofuels applicable to all feedstocks and biofuel types

- ❖ Developed and approved by about **120 members from more than 40 countries** representing private sectors along the supply chain and NGO's
- ❖ **Differentiate** better biofuels from between unsustainable pathways
- ❖ Covers **entire supply chain**
- ❖ **12 Principles & Criteria** (incl. food security)
- ❖ Standard serves also as **certification** scheme
- ❖ Applies to **all feedstocks** + enables geographic & crop specific **adaptations**
- ❖ **RSB Tool** incorporates global GHG calculators for various international regulations



RSB P&C's and Supporting Practical Tools

- ❖ Principle 1: **Legality**
- ❖ Principle 2: **Planning, Monitoring & Continuous Improvement** → Guidelines on ESIA and Stakeholder Engagement
- ❖ Principle 3: **Greenhouse Gas Emissions** → Methodology for GHG Calculation & RSB Tool
- ❖ Principle 4: **Human & Labour Rights**
- ❖ Principle 5: **Rural & Social Development**
- ❖ Principle 6: **Local Food Security** → Guidelines on Food Security Assessment
- ❖ Principle 7: **Conservation** → Guidelines on Conservation Assessment
- ❖ Principle 8: **Soil** → Guidelines on Soil Assessment
- ❖ Principle 9: **Water** → Guidelines on Water Assessment
- ❖ Principle 10: **Air**
- ❖ Principle 11: **Use of Technology, Inputs, & Management of Waste**
- ❖ Principle 12: **Land Rights** → Guidelines on Land Rights Assessment



Focus: Stakeholder Consultation and FPIC

- ❖ **Principle 2:**
 - Social and ecological Impact assessment and management plans
 - Stakeholder consultation and participation at all stages of the process
 - Transparent information process
 - Need to obtain **Free Prior & Informed Consent** to achieve compliance with Principle 2
- ❖ **Principle 9:** Evaluate and respect existing water rights.
- ❖ **Principle 12:** Evaluate and respect existing land rights and land-use rights.



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Focus: Land Rights and Land Use Rights

➤ Principle 12:

- Evaluate and respect existing land rights and land-use rights, formal and informal
- No involuntary relocations and all land disputes must be settled prior to development

"Free, Prior, and Informed Consent shall form the basis for all negotiated agreements for any compensation, acquisition, or voluntary relinquishment of rights by land users or owners for biofuel operations."



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➤ RSB Guidelines based on best practise that assist operators to perform:

- Comprehensive stakeholder Engagement
- Processes that are gender sensitive



Land Rights Evaluation



Energy Center

The RSB Certification System: Credible and Robust

- ❖ Certification system based on **3rd party audits** by accredited CB's
- ❖ No self-declaration of compliance allowed as basis for certification
- ❖ **Risk management** system to **lower auditing costs**
- ❖ Chain of Custody **models**: *Identity Preserved, Segregation, Mass Balance, Content Ratio* (Book & Claim to come).
- ❖ **Participating Operators** concept = flexible and needs-oriented definition of certification scope
- ❖ Additional standards to ensure access to regulated markets (e.g. RSB EU RED Standard)
- ❖ Based on **ISO, ISO/IEC, WTO Agreement on TBT** and **ISEAL Codes of Conduct**

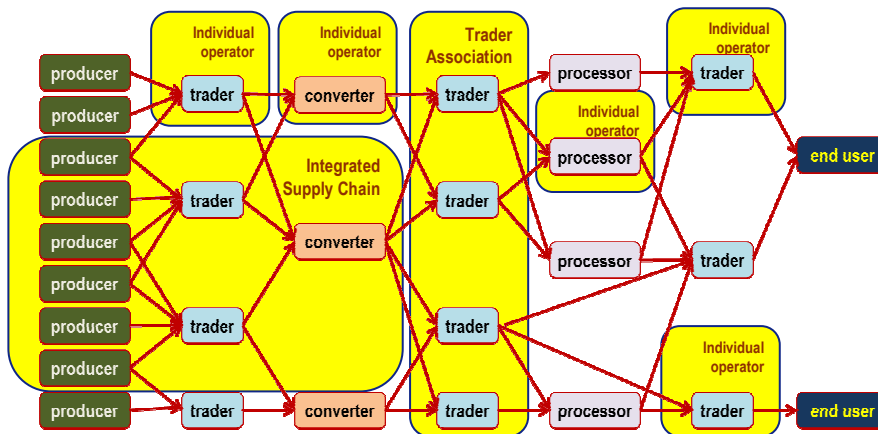


Land Rights Evaluation



Energy Center

RSB Certification Systems Participating Operators and RSB Claims



RSB and the EU RED

- ❖ **RSB EU RED Standard Package** = consolidated standard package of RSB
- ❖ **Adaptation of the global RSB Standard to match:**
 - RED land-use requirements
 - RED GHG calculation and values (RSB Tool provides RED calculations)
 - RED chain of custody (mass balance)
 - Requirements on auditing and verification
- ❖ RFA benchmarks of sustainability assurance schemes against the RED (2010):
 - Full RED Compliance of the RSB EU RED Standard
 - <http://www.renewablefuelsagency.gov.uk/reportsandpublications>
- ❖ **Latest informal feedback from EC:** no compatibility issues; RSB EU RED Package in the first round of schemes to be recognized
- ❖ **ISEAL Alliance and its members** are **concerned** about the length and transparency of the recognition process



Current Situation regarding Sustainability Standards and Regulations

- Numerous Voluntary Standards for different types of Biomass/Biofuels, in different regions of the world



- Numerous Regulations in different regions



- Inter-regional compliance expensive, or impossible
- Multiple certifications required for regions, feedstocks
- Complex compliance, especially for international use & airlines
 - Various regional standards not compatible
- Voluntary and regulatory standards not compatible



Practical short/mid-term approach

- Sustainability Standards Transparency Initiative**
- Development of a **credible comparison** tool allowing for mutual recognition of and **interoperability between standards and with regulations**
- Enables companies to make informed choices what certification to seek**
- Alliance** of partners: Sustainable Biomass Consortium (EPFL/Boeing) , RSB, ISEAL, GIZ (former GTZ), Rainforest Alliance, FSC, RTRS, RSPO, Bonsucro (BSI)
- Costs mainly covered by SB Consortium and GIZ
- Activities:**
 - Practical comparison of voluntary standard systems, including implementation
 - Practical comparison of voluntary standards and regulatory approaches
 - Development of software tool to allow comparison



Key Messages

- ❖ RSB offers a **global** and **holistic**, **credible** and **practical** system
- ❖ EU RED recognition in process
- ❖ German recognition of RSB about to be finalized
- ❖ RSB Certification soon **open for business!**
- ❖ Event launching RSB Certification System at WBM 2011:
 - March 23 – Tokyo Room (14.00 and 16.15): Free entrance!



Contact Information



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