



# **ALTERNATIVE FUELS SERVICES**

## **FUELING TOMORROW WITH RENEWABLE RESOURCES**

SGS has extensive experience in supply of services to the farming, forestry, international trade and processing industries. With our global coverage we are able to provide solutions along the entire agricultural value chain. Our activities of verification and certification allow us to be uniquely placed to offer a full package of solutions related to sustainable biofuels.

Sustainable practices are spreading rapidly throughout the agricultural and forestry industries. Due to growing awareness about climate change, biodiversity losses, the contamination or depletion of water and the increasing scarcity of natural resources, consumers are now more conscious about sustainable practices. In other words, your customers want products that benefit the economy, the environment and society.

The definition of sustainability varies within and between cultures. But it's commonly agreed that sustainable agricultural, and forestry commodities and products must all:

- Be safe for public health and the environment;
- Use renewable energy and be energy efficient;
- Use bio-based and recycled materials;
- Cut pollution and waste;
- Prevent the destruction of land;
- Emphasize reclamation, sustainable reuse and end of life management;
- Contribute to the social and economic development of local, rural and indigenous people and communities and not violate human rights;
- Comply with country-specific legislation, as well as international treaties and agreements to which the country is committed.

#### EUROPEAN REGULATIONS AND NORMS:

Legal Framework: Directive 2009/28/EC of the European Union. Using energy from renewable sources has to be

supported and the directive became international law at the end of 2010.

Germany is the first country to comply with this legal framework, with its "Bio Fuel Sustainability Regulations" and "Bio Electricity Sustainable Regulations". These regulations define how biomass has to be cultivated and processed, and specify that greenhouse gas emissions must be 35% lower compared to fossil energy sources. The subsidy can only be claimed once the bio fuel meets these requirements.

#### SERVICES:

- ISCC (International Sustainability And Carbon Certification)
- Redcert (Local German and EU markets)
- RTRS (Round Table on Responsible Soy Association)
- RSPO (Round Table on Sustainable Palm Oil Production)
- ISPO (Indonesian Sustainable Palm Oil)
- MSPO (Malaysian Sustainable Palm Oil)
- RFS (Renewable Fuel Standard) by EPA
- BS (Bonsucro Better Sugarcane Initiative)
- RTFO (Renewable Transport Fuel Obligation)
- Sustainability ISO 14001 Environmental
- Biofuel and Bioliquids Certification According to Italian National System
- Management Systems
- BS/EN 16001 Energy Management Systems

- ISO 9001 Quality Management Systems
- ISO 14064 Greenhouse Gas Accounting and Verification
- Assessment Against the Equator Principles
- Sa 8000 Social Accountability
- Forest Management Certification. (SGS Global FSC™ certification is performed under the terms of accreditation held by SGS South Africa (Pty) Ltd (FSCACC- 015) on behalf of the SGS Group).
- Forest Product Chain-Of-Custody Certification (SGS Global FSC™ Certification is performed under the terms of accreditation held by SGS South Africa (Pty) Ltd (FSCACC-015) on behalf of the SGS Group. PEFC™ accreditation number PEFC/01-4-12)
- Customised Audit and Verification Solutions
- ISO 50001 Energy Management Systems

We continuously develop our service portfolio based on the customer needs, regulatory requirements and the availability of new standards.

#### CONTACT DETAILS

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**WHEN YOU NEED TO BE SURE**

**SGS**