



Industrie Service

**Choose certainty.  
Add value.**

## Sustainability certification of biomass, biofuels and other bioliquids

Renewable raw materials are a growth market. The potential of these renewables lies in their contribution to mitigating climate change and creating security of supply. Politics, business and consumers have set the goal of ensuring a sustainable chain of custody for their use.

Directive 2009/28/EC, concerning the promotion of the use of energy from renewable sources, defined a framework for the EU Member States which established binding sustainability standards for the production of biomass and its conversion into bioenergy. In accordance with this framework, liquid and gaseous biofuels used in the EU and electricity produced from bioliquids must fulfil the following criteria to be eligible for remuneration, tax reductions and crediting to the biofuel quota:

- Biofuel crop must be cultivated and managed in a sustainable manner
- Protection of high conservation value areas
- Establishment of an effective chain of custody (CoC)
- Ensuring a minimum GHG saving threshold of 35 % (50 % from 2017 onwards) compared to fossil energy carriers

As a matter of principle, these sustainability criteria apply to all companies and operating facilities along the value chain, i.e. to companies collecting, processing and trading in raw materials. The compliance with these criteria must be confirmed by an approved certification body.

### **Your access to the European market**

Sustainability certification by TÜV SÜD confirms that you comply with all legal requirements. It may be able to build on systems and standards already implemented in your company.

TÜV SÜD is one of the first certification bodies approved for sustainability certification of biomass, maintaining a global network of auditors. Our experts accompany you across the entire certification process.

### **The steps towards certification:**

- Selection of the right certification system and registration
- Pre-audit (optional)
- Certification audit
- Conformity assessment
- Issue of the certificate

TÜV SÜD Industrie Service GmbH

TÜV®



Industrie Service



[www.tuev-sued.de/bioenergy](http://www.tuev-sued.de/bioenergy)

## Sustainability certification by TÜV SÜD – customized to your needs

As no two companies are the same and as situations in companies may also differ, we offer an array of certification products. Simply choose the product that best fits your needs.

### Basic package

Our basic certification confirms that you fulfil all minimum demands required by law. It provides you with certainty of legal compliance and is also necessary to access the market. Certification comprises:

- Assessment of production processes and management requirements
- Verification of mass balancing and traceability
- Verification of the produced emissions of greenhouse gases on the basis of standard values

### Full GHG package

On top of the services included in the basic certification, this package includes verification of individual carbon footprints. This service is particularly advantageous in markets which have already embraced carbon positive products. As the legal targets will require additional carbon reduction measures in the future, products with a better carbon footprint will be easier to market.

### Combined packages

Our certification may build on certain systems and standards already implemented in your company. In addition, we can combine sustainability certification with the calculation of a carbon or water footprint or the verification of social accountability standards. Taking advantage of these synergies ensures time- and cost-efficient certification.

### Your benefits

#### ► Gain an expert partner.

TÜV SÜD enjoys a first-class reputation as a carbon footprint expert and was named best certification company for climate-change projects at international level. You also benefit from our experience as one of the first companies approved for the sustainability certification of biomass.

#### ► Obtain support across the world.

Our global network of auditors certifies all types of national and international value chains.

#### ► Enhance your good reputation.

Our certificate is proof of the sustainability of your business operations.

### TÜV SÜD.

**Choose certainty. Add value.**

TÜV SÜD Industrie Service GmbH · Carbon Management Service

E-mail: [igor.dormuth@tuev-sued.de](mailto:igor.dormuth@tuev-sued.de) · Tel./Fax: +49 (0)89 5791-2429 / -2756