



Production of Sustainable Biomass

Implementation of the RED in Germany



Relevant legislation

DIRECTIVE 2009/28/EC OF THE EUROPEAN
PARLIAMENT AND OF THE COUNCIL
of 23 April 2009

on the promotion of the use of energy from
renewable sources and amending and subsequently
repealing Directives 2001/77/EC and 2003/30/EC



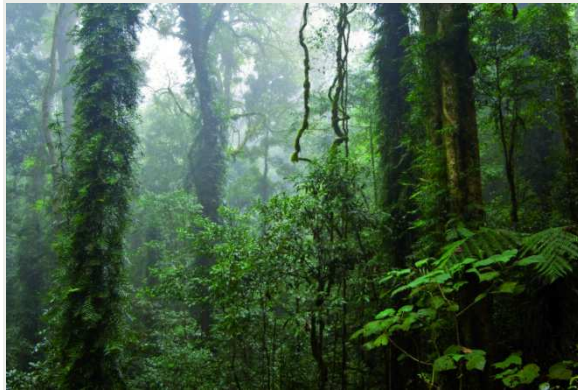
Relevant legislation

National law

- Tax law for energy (EnergieStG)
- Federal law for immission control (BImSchG)
- Sustainable-biofuels ordinance (Biokraft-NachV)
- Law for priority of renewable energy (EEG)
- Biomass-electricity-sustainability ordinance (BioSt-NachV)



Verification of compliance with the sustainability criteria for biofuels and bioliquids



Protection of land with high biodiversity value

- Art. 18 (1) RED:
economic operators are obliged to show that the sustainability criteria set out in Article 17(2) to (5) have been fulfilled
- Art. 18 (3) RED:
economic operators submit reliable information and make available to the competent authority the data that were used to develop the information



Verification of compliance with the sustainability criteria for biofuels and bioliquids



Protection of land with high carbon stock

- Communication from the Commission 2010/C 160/01 Art. 2:

Economic operators must show Member States that the sustainability criteria relating to greenhouse gas savings, land with high biodiversity value and land with high carbon stock have been met



Request to proofs of Sustainability from national systems or voluntary schemes recognized by the EC or national authorities of other Member States



Protection of peatland

- Every economic operator in the chain of cultivation and conversion has to show necessary information about sustainability characteristics and to provide them to his client



Request to proofs of Sustainability from national systems or voluntary schemes recognized by the EC or national authorities of other Member States



Calculation of GHG - Emissions

- The last entity within the chain of custody, which has been converted the product to the quality level of its final consumption has to issue a proof of sustainability for any consignment of sustainable bioliquids or biofuels



Request to proofs of Sustainability from national systems or voluntary schemes recognized by the EC or national authorities of other Member States

- Fuel distributors in Germany can have their biofuels counted towards their quota obligation or obtain tax relief only if they furnish evidence that these biofuels meet the sustainability criteria laid down in the Renewable Energies Directive and in the national legislation adopted for its implementation.
- This also applies to liquid biomass for electricity production if economic operators intend to apply for funding according to the Renewable Energies Law.



Request to proofs of Sustainability from national systems or voluntary schemes recognized by the EC or national authorities of other Member States

- Evidence is regarded as provided if the data and information on the sustainability of a consignment of sustainable biofuel or liquid biomass which are required according to Directive 2009/28/EC have been entered into the national database "Nachhaltige Biomasse System" (Nabisy) for the collection and documentation of sustainability data of bioenergy.



Request to proofs of Sustainability from national systems or voluntary schemes recognized by the EC or national authorities of other Member States

- In Germany, the BLE is the competent authority that monitors compliance with the regulations of the Renewable Energies Directive which have been implemented in national law.
- The BLE is responsible, i. a., for operating Nabisy, the national data base, which contains all data of economic operators on the sustainability of biofuels or liquid biomass relevant for the German market.



Request to proofs of Sustainability from national systems or voluntary schemes recognized by the EC or national authorities of other Member States

- In addition to collecting data, Nabisy also serves as an instrument for drafting the experience and evaluation report on the implementation of the sustainability criteria laid down in Directive 2009/28/EC and which each member state has to hand over to the Commission.



Certification systems

By BLE recognized certification systems for the purposes of the regulations specify the requirements for sustainable biomass production.

They ensure that the requirements of the regulations to all stages of production, transportation and distribution (delivery) of biomass will be fulfilled.



Certification systems

Certification systems

- specify standards in compliance with the requirements of sustainability criterias,
- define, how to prove the adherence to these standards,
- provide the inspection of the evidence.

Germany has already recognized 2 certification systems (ISCC, Cologne; REDcert, Bonn).



Certification systems

- Certification systems are being recognized in accordance with para 32 n°1 and 2 of the Biofuels Sustainability Ordinance or Bioenergy Sustainability Ordinance by the BLE.
- They have to ensure the fulfillment of the requirements of the Directive 2009/28/EC on the production and supply chain of biomass and contain certain organizational requirements to more precisely defined sustainability criteria of the RED, as proof of compliance and for monitoring of this evidence.
- By the European Commission and any other Member States recognized voluntary schemes/certification systems in accordance with § 32 No. 3 in conjunction with § 41 N°1 Bio-NachV and BioSt-NachV are recognized under German law as well.



Certification systems

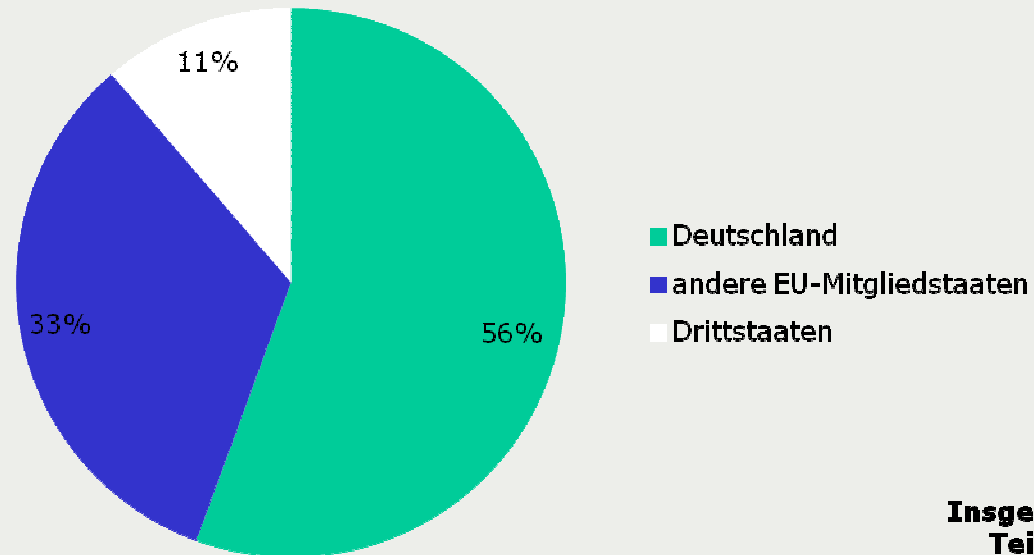
By the European Commission recognized voluntary schemes	7
Applications for recognition provided to BLE up to 31st of December 2011 in total	4
refusal to recognize	1
recognition revoked	1
recognized •ISCC, Cologne •REDcert, Bonn	2



Certification systems

Certification Systems recognized by BLE

Worldwide distribution of participants



**Insgesamt 1.995
Teilnehmer
(Stand 31.12.2011)**



Certification bodies

Certification bodies are independent natural or legal persons who are

- certifying
- verifying the achievement of the requirements of the ordinance and, where appropriate, further standards of the certification system

companies and operational sites, interfaces and suppliers which are operating under the specifications of a certification system.

Germany already has been recognized 28 certification bodies.



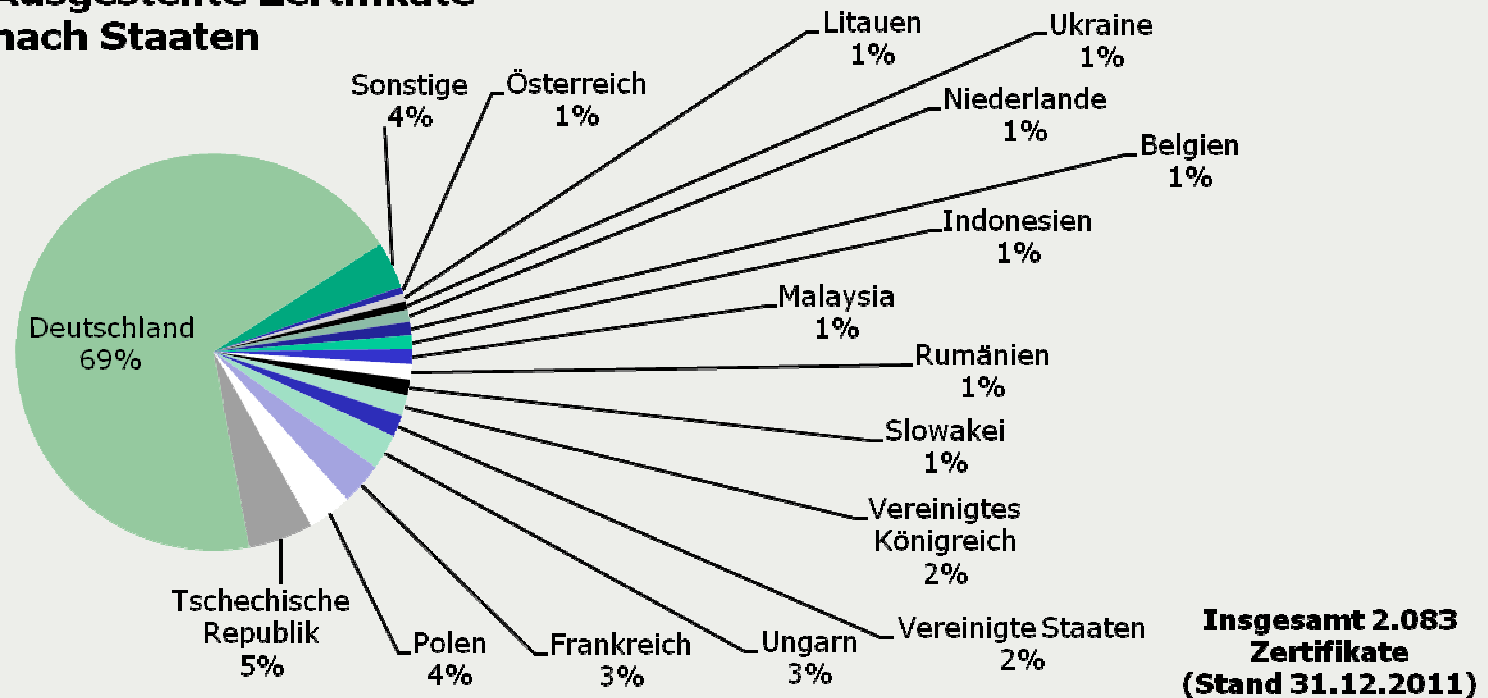
Certification bodies

Applications for recognition provided to BLE up to 31st of December 2011 in total	40
refusal to recognize	6
recognition revoked	5
Applications in process	1
Recognized certification bodies	28



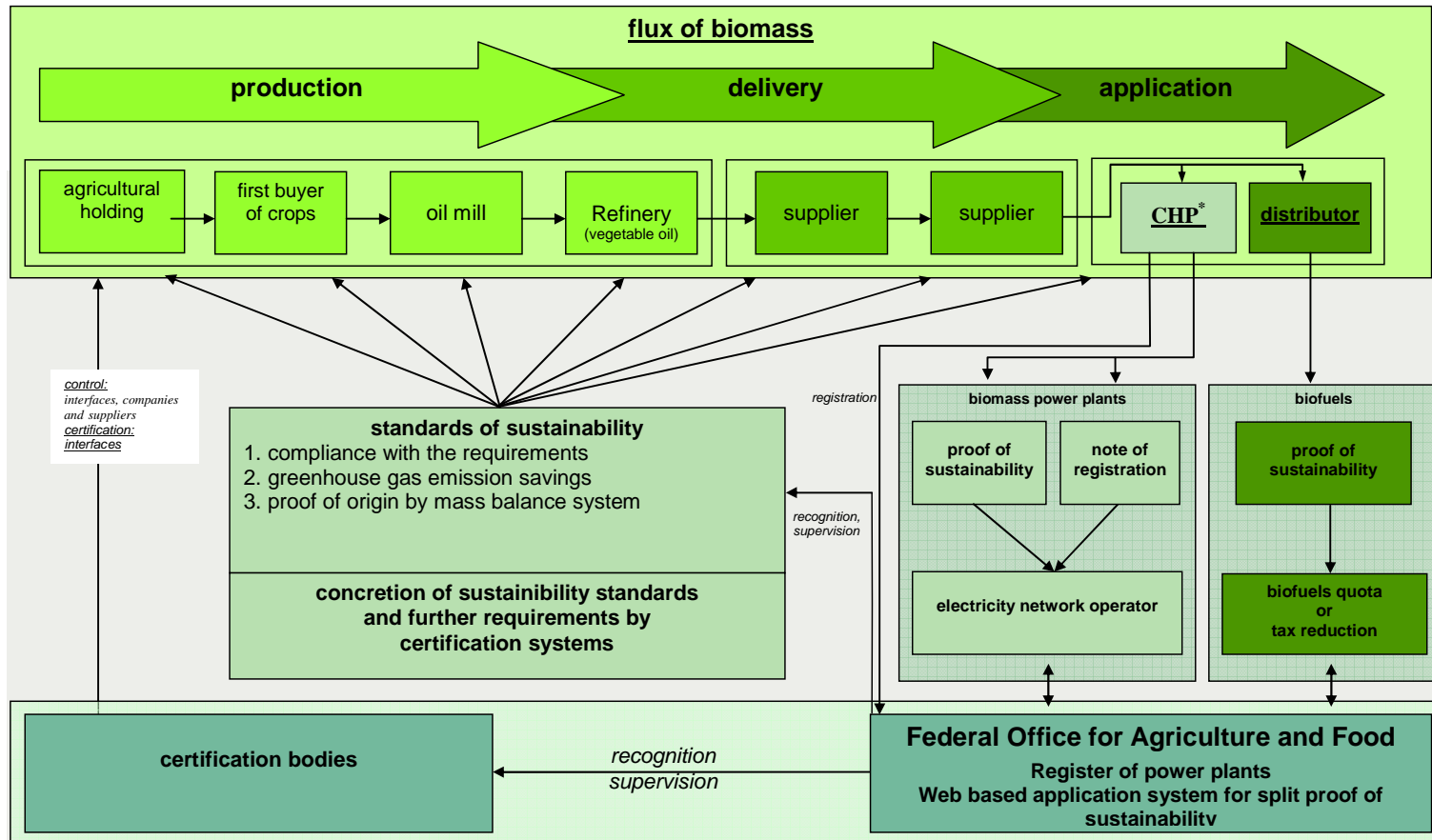
Certification bodies

Ausgestellte Zertifikate nach Staaten



Die BLE.

Für Landwirtschaft und Ernährung.



*combined heat and power plant



Thank you for your attention