

**REPORT**  
**on the promotion of the use of biofuels and other renewable fuels in transport**  
**ESTONIA**  
**2010**

Article 4 of DIRECTIVE 2003/30/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the promotion of the use of biofuels or other renewable fuels for transport lays down that Member States are to report to the Commission by 1 July each year on:

- the measures taken to promote the use of biofuels or other renewable fuels to replace diesel or petrol for transport purposes;
- the national resources allocated to the production of biomass for energy uses other than transport, and
- the total sales of transport fuel and the share of biofuels, pure or blended, and other renewable fuels placed on the market for the preceding year. Where appropriate, Member States are to report on any exceptional conditions in the supply of crude oil or oil products that have affected the marketing of biofuels and other renewable fuels.

**1. Measures to promote the use of biofuels or other renewable fuels in place of diesel or petrol for transport purposes**

Under the **Alcohol, Tobacco and Fuel Excise Duty Act**, biofuel is exempt from excise duty until expiry of the authorisation issued by the European Commission. Authorisation No 314/2005 exempting biofuel from excise duty expires on 27 July 2011. Estonia does not intend to apply to renew the authorisation for exemption from excise duty.

**2. Renewable energy resources used for energy generation in Estonia**

Estonia's renewable energy potential, which lies primarily in the co-generation of heat and electricity based on biofuel and in wind energy, was described in the 2005 report.

Primary energy provision in 2010 was 232 PJ, of which approximately 69% was from oil shale and 15% from wood and peat combined.

### **3. Fuel consumption in transport in 2010**

On the basis of preliminary data from Statistics Estonia the fuel used for transport purposes in 2010 was as follows:

Diesel	- 426 000 tonnes
Petrol	- 275 000 tonnes

Precise figures will be available in Statistics Estonia's September publication.

According to the reports presented, in 2010 a total of 4 034 416 litres of biofuel (CN 3824 90 91 or 3824 90 99) was released in Estonia to be used in its pure state or blended with diesel, and 9 082 946 litres of biofuel (CN 2207 20 00) blended with petrol.

In terms of energy content, the share of biofuel in the total consumption of petrol and diesel is 1.76%.

The calculations are based on the following data:

diesel – energy content	43 MJ/kg;
petrol – energy content	44 MJ/kg;
ethanol – energy content	27 MJ/kg;
FAME – energy content	38.25 MJ/kg.

### **4. Other factors influencing the placing on the market of liquid biofuels**

In connection with the climate change package adopted by the European Parliament on 17 December 2008, approval was also given to a Directive on developing the use of energy from renewable sources. Under this renewable-energy Directive, each Member State must draw up a renewable-energy action plan setting out the action to be taken to achieve the objectives and interim objectives laid down in the Directive.

The “Estonian renewable energy action plan until 2020” and implementation plan drawn up on the basis of this Directive were adopted under Government of the Republic Order No 452 of 26 November 2010. The action plan establishes sectoral objectives and sets out the measures to achieve them.