



Public Workshop BioGrace, Vienna, February 16.

Biofuels and Bioliquids Sustainability Criteria

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Contents

- Biofuels and Bioliquids tasks in Slovakia
- Current legal situation
- Legislation in Slovak Parliament
- Conclusion

Objectives

- Emissions reduction by **20%**
- Achieving **14%** of renewables in gross final consumption of energy
- Renewables share in transport **10%**
- Energy consumption reduction by **20%** in 2020 comparing with plan

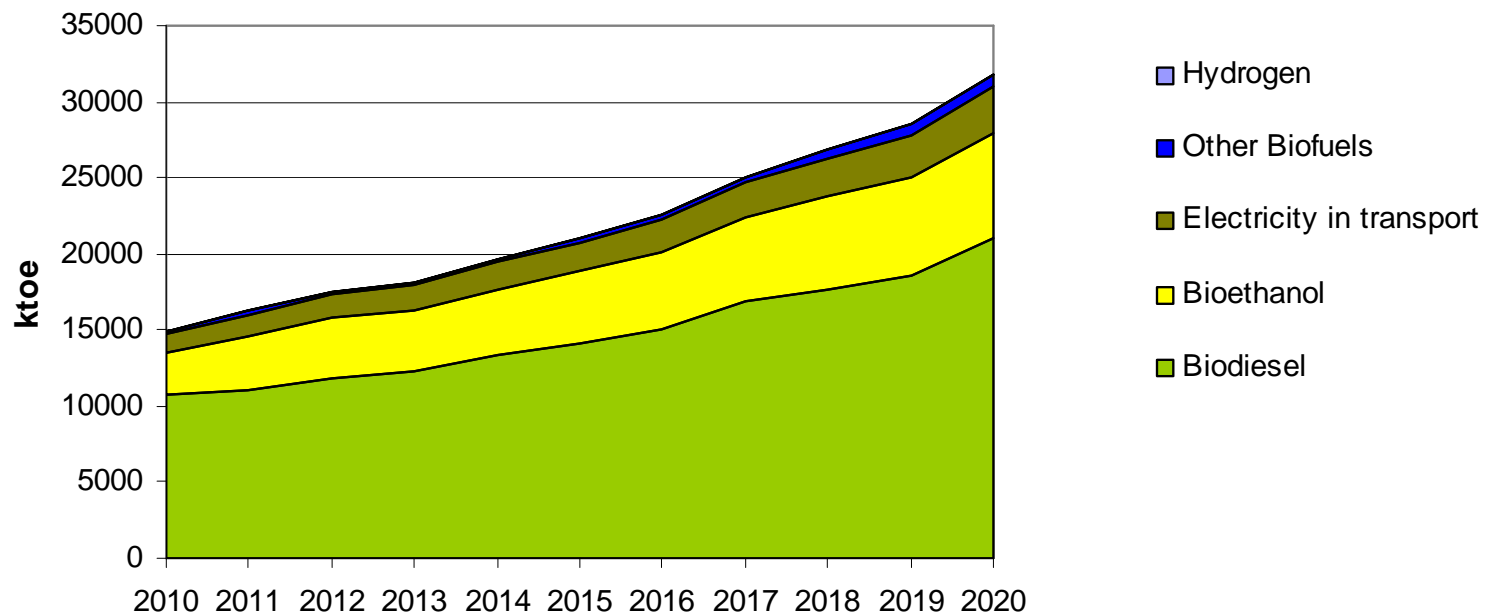
Communication from the Commission to the EP and the Council

Renewable Energy: Progressing towards the 2020 target – part biofuels

- *First generation biofuels will be the predominant energy source over the period to 2020*
- *Europe has the strictest criteria in the world for biofuel sustainability*
- *Second generation biofuels and electric vehicles are expected to make only a small contribution by 2020*

Biofuels obligations

EU development of renewable energy in transport



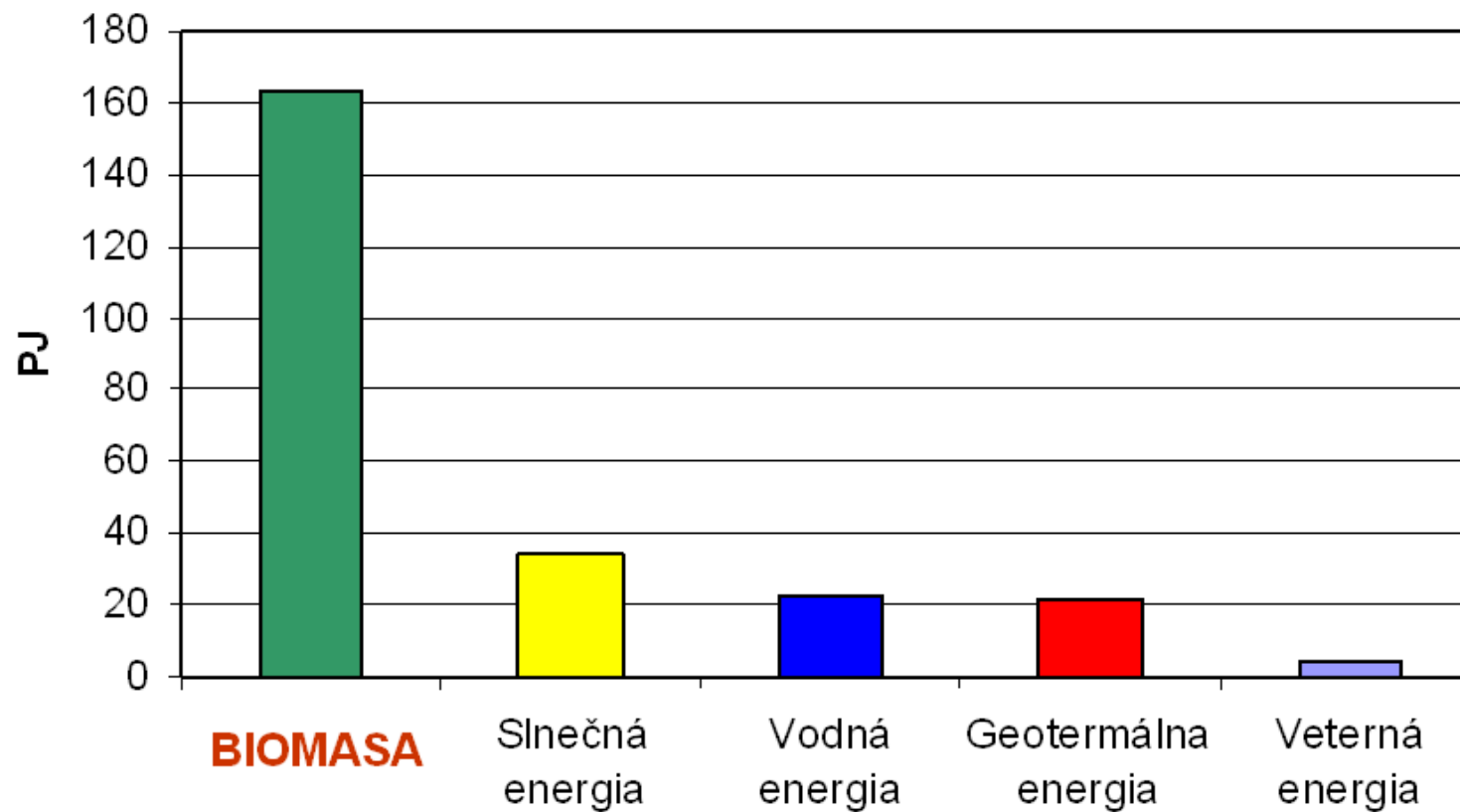
Source: Commission's analysis based on NREAPs.

*Communication from the Commission to the European Parliament and the Council
Renewable Energy: Progressing towards the 2020 target, 1 February 2011*

Potencial

Technický potenciál OZE

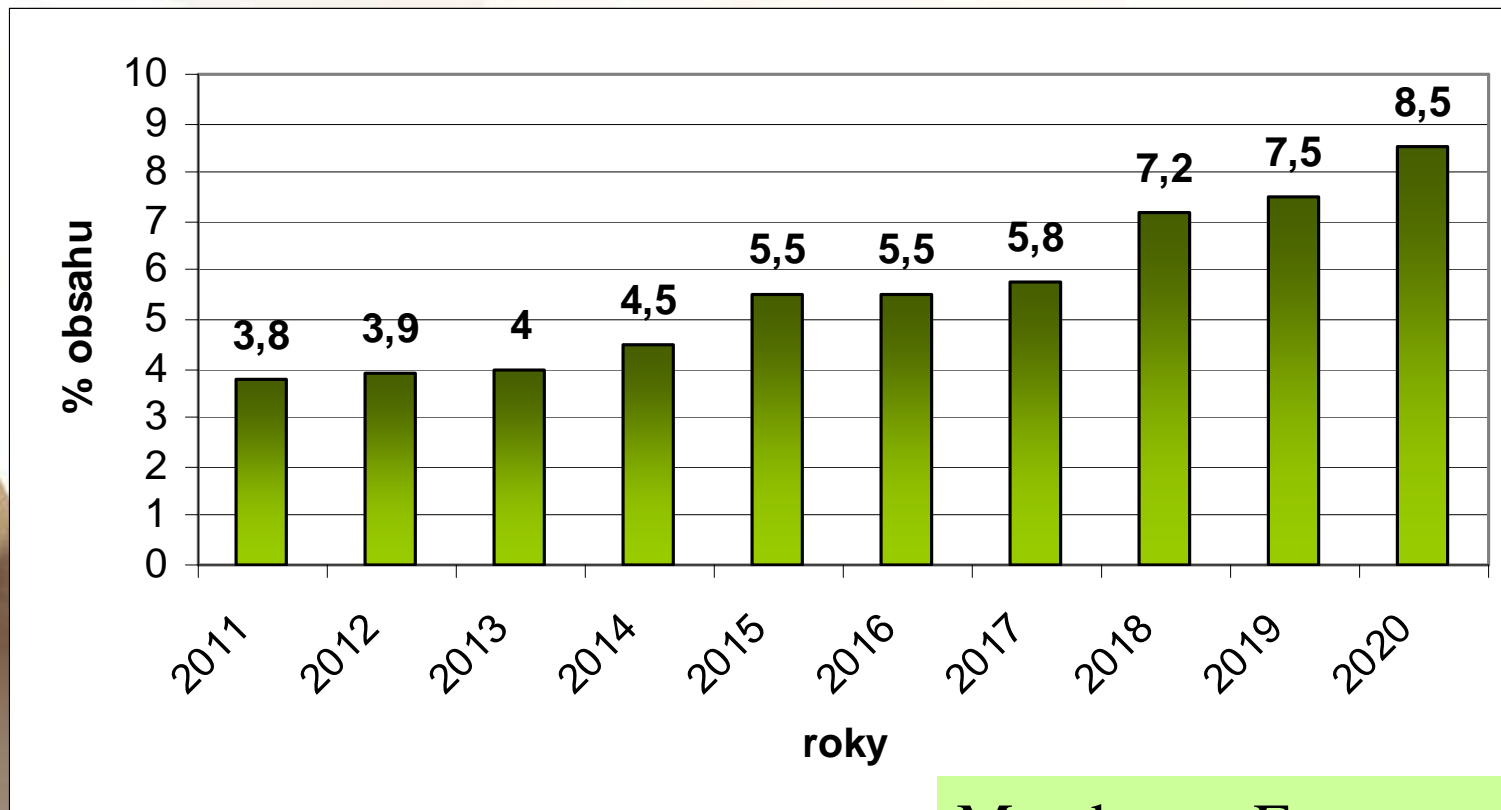
1PJ=278GWh



Source: Ministry of economy of the Slovak Republic

Biofuels obligations

Law No. 309/2009 Z. z. about renewables in his latest amending, valid since **1 January 2011**



Mandatory Energy content

Biofuels regulations

Law No. 309/2009 Z. z. about renewables

Law No. 98/2004 Z. z. about the tax of mineral oil in the latest amending, valid since **1 January 2011:**

- **definitions related to the biofuels**
- **market (customs) duty points**
- **responsible economic operators**
- **support scheme**

Biofuels regulations

Amendment of Law No. 309/2009 Z. z. about renewables
in the Slovak parliament – passed 1st reading
and is evaluated in the committees:

- **definition Certificate of origin of biofuels or bioliquids**
- **definitions of Declaration by producer/ supplier of biomass**
- **economic operators obligations**
- **certification bodies (verifier) duties and rights**
- **ministries and state organisations responsibilities**

Current biofuels regulations

**Based on the duties and responsibilities defined in:
Law No. 137/2010 Z. z. about air**

MoE SR Edict No. 362/2010 Z. z. about fuel quality

**Decision of minister of environment SR No. 66407/2010
(26 November 2010)**

Law No. 309/2009 Z. z. about renewables

Bylaw of the Slovak Hydrometeorology Institute

**COM (2010) Communication from the Commission on the
practical implementation of the EU biofuels
and bioliquids sustainability scheme and on counting rules
for biofuels**


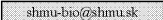
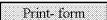
Current biofuels regulations


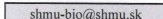
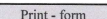
The Slovak Hydrometeorology Institute

- according to the current and prepared legislation head of the system of verification in the area of GHG emissions and savings, including biofuels and bioliquids
- currently act as a independent body for revision of the Certificates of origin of biofuels until relevant legislative comes into force



Current biofuels regulations

		 	
CERTIFICATE OF ORIGIN OF BIOFUELS OR BIOLIQUIDS in accordance with the requirements of Directive 2009/28/EC Article 17, 18 and 19			
Business name of company:			
Legal company form /ID/:			
Contact details/Address:			
Statutory Body/Name/Contact:			
Contact Person/Name/Contact:			
GENERAL INFORMATION			
Type of substance:	Quantity:	Energy content:	
Sort:			
Biofuels is produced from waste and residues other than residues from agriculture, aquaculture, fisheries and aquaculture products <input type="checkbox"/> yes <input type="checkbox"/> no			
Notes:			
Greenhouse gas emission during the life cycle			
Total greenhouse emissions from the life cycle of biofuels/bioliquids [gCO ₂ e/MJ]			
Declared savings of greenhouse gas emissions from biofuels/bioliquid [%]			
<input type="checkbox"/> no <input type="checkbox"/> no			
Biofuels meets the conditions of sustainability under Directive 2009/28/EC. <input type="checkbox"/> YES <input type="checkbox"/> NO			
* Need not be completed, if the method of calculation for greenhouse gas saving are use values set in Directive 2009/28/EC			
Reference number:		Date:	Verifier name/Signature:

		 	
DECLARATION BY THE PRODUCER / SUPPLIER * of biomass for producing biofuels or bioliquids in accordance with the requirements of Directive 2009/28/EC, Article 17			
Business name of company:			
Legal company form /ID/:			
Contact details/Address:			
Statutory Body/Name/Contact:			
Contact Person/Name/Contact:			
I declare on word of honour that the biomass, which I provided for processing, the following requirements:			
o was not obtained from land with high biodiversity value, namely land that was on or after January 2008, regardless of whether it still is:			
a) primary forest and other wooded land of native species without significantly disruption of ecological structures,			
b) areas designated by law for nature protection, threatened or endangered ecosystem or species,			
c) grassland with high biodiversity;			
o was not obtained from land with high carbon stock, namely land in January 2008, but no longer is:			
canopy cover of between 10 % and 30 %;			
proved that the cultivation and harvesting			
to Organise (No 87),			
Organise and to Bargain Collectively (No 98),			
for Work of Equal Value (No 100),			
Occupation (No 111),			
138),			
ation of the Worst Forms of Child Labour			
(No 182)			
o was produced on the farmland in according to the provisions of § 8 of the Government Regulation of the Slovak Republic no. 20/2009 about Coll conditions conditions for granting subsidies in agriculture through direct payments			
This statement applies to biomass grown in :			
Country of origin:			
Type of biomass:			
Quantity of biomass:			
* delete as appropriate			
** apply to the for importation of basic raw materials for biofuel production or bioliquids from outside the EU			
Place/State		Date/Year	Signature

<http://www.minzp.sk/>

<http://www.shmu.sk/sk/?page=1684>

Current biofuels regulations

The Slovak system:

- **exists on the current legal base**
- **fully voluntary**
- **no obligation for economic operators on Slovak market**
- **uses the sustainability criteria and requirements from 2009/28/EC** (...sustainability criteria are fully harmonised at Community level .. Member States may not set additional criteria of their own ...)

Slovak biofuels facts

- **small market, predominant export**
- **very limited number of domestic economic operators**
- **good legal environmental protection – very easy to proof production areas (regional environmental offices, database of protected areas or digital maps)**
- **sustainable domestic production of agriculture products**
(based on the report about areas, where the typical GHG emissions from cultivation can be expected to be lower than the emissions reported in part D of Annex V to the Directive – 16 September 2010)

Open agenda

- **still not clear definitions of some criteria**
- **new signals and complication in communications or European norm (prEN 16214)**
- **enormous administrative burden for economic operators and state administration**
- **different understanding of some definitions – latest example „each consignment“**



***Thank you
for your attention***

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