

BIODIESEL INDUSTRY HIGHLIGHTS CZECH REPUBLIC

Agricultural aspects

The area of agricultural plough-land in Czech Republic

2000 $\xrightarrow{-8,2\%}$ 2010
 2,737 mln hectares \rightarrow 2,513 mln hectares

14% of agricultural plough-land is used for growing

Fatty acid methyl ester (FAME)

FAME's level in diesel according to EU Directive 2003/30/EU

Year	%	Level of FAME thousand tonnes
2012	6,60	315
2014	6,95	322
2016	7,65	348
2018	8,50	382
2020	10,00	438

Leading producers in Czech market

Company	Capacity kiloton/year
STZ a.s. Ústí nad Labem	100
PREOL a.s. Lovosic	100
Agropodnik a.s. Jihlava	70
OLEO CHEMICAL a.s. Liberec	70
ORIMAGRA a.s. Milín	30
FAME's capacity of Czech Republic	370 kiloton/year

Capacity of oil seed rape

Year	Need for FAME thousand tonnes	Plough-land area (plan) thousand hectares
2012	315	248
2014	322	246
2016	348	259
2018	382	276

Plough-land area in Czech Republic is estimated at 350 000 hectares that could supply 1,26 mln tonnes of oil seed rape

Economical aspects

Fiscal incentive as a tool of development and promotion of biodiesel

Elimination of excise duty for biofuel

Diesel fuel excise duty and VAT in different countries

Total price = Diesel cost + Duty + VAT

Country	Excise duty Euro/1000 litre	VAT %
UK	674	20
Italy	593	21
Germany	470	19
Czech Republic	440	21
Austria	397	20

The government of Czech Republic plans to decrease excise duty from 440 to 100 Euro/1000 litre

On average, prime cost of biodiesel is 3 times higher than conventional diesel

Main sources:

1. Ceskenoviny.cz ze dne 23.07.2014
2. European Commission, Excise Duty Tables, Energy Products and Electricity REF 1031, January 2011
3. www.ctk.cz
4. Bionafta – perspektivy výroby a spotřeby v ČR, Ing. Jiří Souček CSC., Paliva 1 (2009)
5. Ekonomická analýza uplatnění biopaliv v podmínkách ČR, Central European Review of Economic Issues, 2009