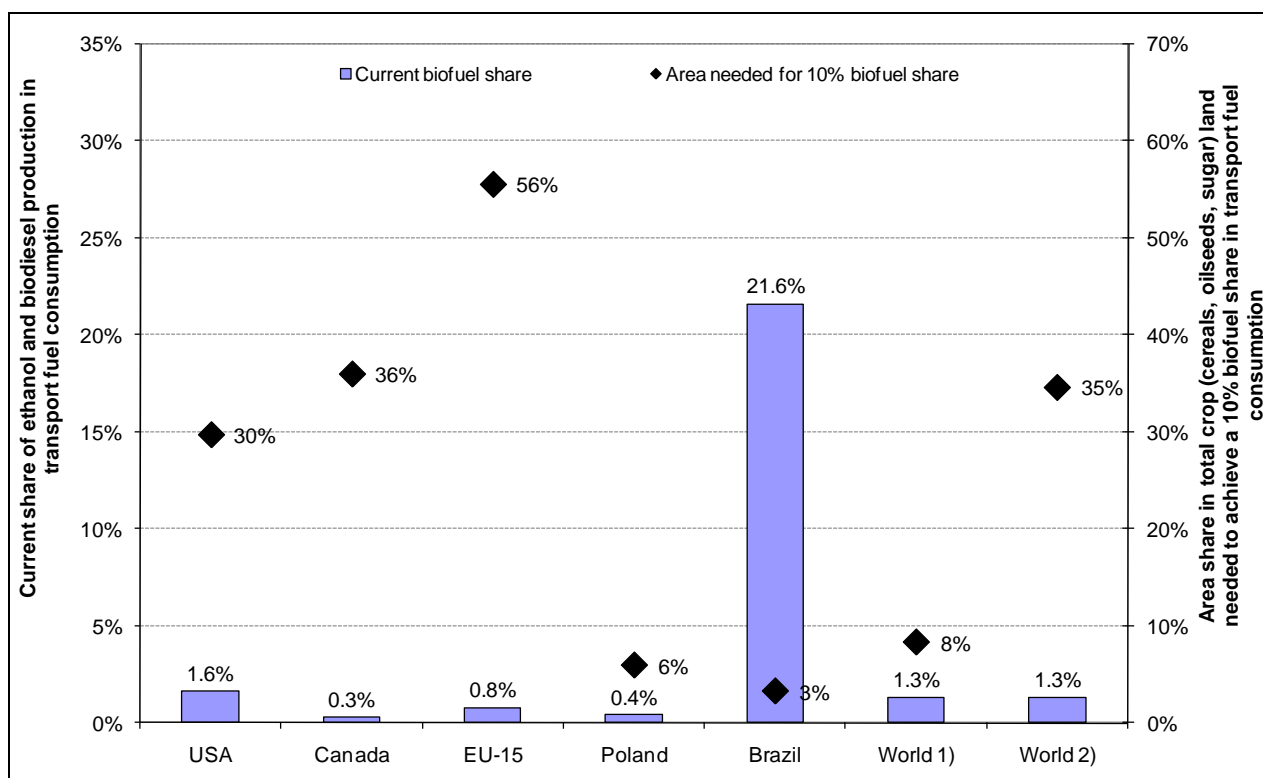


**CORRIGENDUM TO THE DOCUMENT
“AGRICULTURAL MARKET IMPACTS OF FUTURE GROWTH IN THE PRODUCTION OF
BIOFUELS”**

Following the use of better data more precisely reflecting biofuel production in the European Union, the calculation of land requirements of a hypothetical 10% biofuel share in the EU-15 has been revised. This document provides the updated Figure 4 as well as the revised Annex Table 2.1 – the figures shown in the original document should no longer be used.

Figure 4: Biofuel shares in transport fuel consumption and land requirements for 10% biofuel shares in major biofuel producing regions



Notes: Current biofuel shares include ethanol and biodiesel only – shares are on an energy basis. World area shares are calculated relative to land used for cereals, oilseeds and sugar globally (World ¹⁾) and within the five major biofuel producing regions only (World ²⁾). All areas requirements are calculated on the basis of average crop area and yield data for 2000-2004 and transport fuel consumption in 2004. For these calculations, the 2004 shares in the feedstock mix are assumed to remain unchanged. Details on the calculations can be found in Annex 2. Note that calculations for the EU exclude ethanol transformed from wine which represented about 18% of EU ethanol production in 2004.

Source: OECD Secretariat.

Table 2.1: Calculation of land requirement estimates

	Unit	USA	CAN	EU-15	POL	BRA	WLD	
Representation of the 2004 situation								
1	Ethanol production quantity	1000 t	10 208	138	386	36	11,732	22 500
2	Biodiesel production quantity	1000 t	90	5	1 853	1		1 950
3	Transport fuel consumption	bil. l GE	535.4	45.8	279.5	8.2	45.4	1 604.2
4	Bio-share in transport fuel		1.6%	0.3%	0.8%	0.4%	21.6%	1.3%
5	Use of wheat	1000 t	1,069	435	606	6		2 117
6	Use of coarse grains	1000 t	31 638	44	491	97		32 271
7	Use of sugar cane	1000 t					188 291	188 291
8	Use of sugar beet	1000 t			755	46		801
9	Use of vegetable oil	1000 t	95	6	1 965	1		2 067
10	Wheat yield	t / ha	2.75	2.22	5.72	3.66		
11	Maize yield	t / ha	8.88	7.20	8.72	5.85		
12	Sugar cane yield	t / ha					70.18	
13	Sugar beet yield	t / ha			58.66	40.68		
14	Oil extraction rate (main seed)	T / t	0.19	0.33	0.40	0.32		
15	Oilseed yield (main seed)	t / ha	2.58	1.41	2.87	2.33		
16	Wheat area for ethanol	1000 ha	389	196	106	2		692
17	Coarse grain area for ethanol	1000 ha	3 564	6	56	17		3 643
18	Sugar cane area for ethanol	1000 ha					2 683	2 683
19	Sugar beet area for ethanol	1000 ha			13	1		14
20	Oilseed area for biodiesel	1000 ha	191	12	1 709	1		1 913
Extrapolation of 2004 data								
21	Target bio-share in transport fuel		10%	10%	10%	10%	10%	10%
22	Area needed to meet target bio-share	1000 ha	25 788	8 136	24 439	552	1 244	69 345
23	Total area harvested (grains, oilseeds, sugar)	1000 ha	86 655	22 582	43 940	9 244	37 753	830 433
24	Area share needed to meet target bio-share		30%	36%	56%	6%	3%	9%