

# What are current mechanisms influencing biofuels and carbon trade development in the Americas?



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# Biofuels Comparative Matrix

Region	Volume produced	Productivity	Energy Balance *	Food vs. Biofuel vs. Nature
Brazil	Bioethanol from Sugarcane : Very large Volume	High	> 8,3	Option for good balance but needs clear policies against deforestation
Central America	Bioethanol from Sugarcane : Low	Medium	7 a 8	Limited lands Biofuel vs. Nature balance is not easy.
	Biodiesel from Palm: medium		> 9	
USA	Bioethanol from Corn: Very Large and popular	Low	0.9 - 1.2	Very inefficient food vs. Fuel

\* Barrels of Oil Equivalent obtained for each barrel invested in planting, cultivating, harvesting and production of Biofuel

# Indifference Price for Bioethanol Production in Panama

<b>Balance Price</b>	<b>US \$/gallon</b>	<b>US \$/barrel</b>
Only production	1.39	@ 50.9 USD/Bbl
Production + Planting	1.19	@ 46.4 USD/Bbl
Production + Planting + CER*	1.06	@ 43.2 USD/Bbl

\* A scenario with high CER prices is highly uncertain

Source: Study by Pavel Molina from INCAE Business School (2007)

**Muchas Gracias!**



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