



“ EUROPEAN ETHANOL COMPETES WITH FOOD ”

FACT!

- ✓ EU ethanol production utilises only 2% of EU grain supply and only 6% of EU sugar substrate. For each tonne of ethanol, one tonne of a high protein, GMO-free animal feed is produced.
- ✓ Europe is the world's largest food exporter, which means it produces enough food and biofuels for its own use and still helps feed the world.
- ✓ Globally, 50% of food is wasted, and this is where action is needed.



“ EUROPEAN ETHANOL PRODUCTION IS DRIVING FOOD PRICE INCREASES ”

FACT!

- ✓ EU ethanol will have less than 1% impact on global cereal prices by 2020¹, even without any cap on crop based biofuels, according to the European Commission.
- ✓ Raw agricultural commodities constitute a small proportion of final food price².
- ✓ Almost 66% of food price increases derive from oil prices, according to the World Bank³.



“ ONLY ILUC FACTORS CAN ENCOURAGE GOOD BIOFUELS ”

FACT!

- ✓ A separate target of 7.5% renewables in petrol and measures to guide biofuel producers towards mitigating the risk of ILUC are the best solutions to incentivise better biofuels.
- ✓ Although latest ILUC studies confirm European ethanol's high GHG savings, ILUC modelling is still immature, and contains too many uncertainties, according to the European Commission.



“ EUROPEAN ETHANOL IS OVER-SUBSIDISED AND MORE EXPENSIVE ”

FACT!

- ✓ Biofuels are proven to be the most cost effective means to reduce GHGs in transport⁴.
- ✓ Ethanol companies in Europe today sell their product, on average, for much less than 50 cents/liter with GHG savings of 60%.
- ✓ In Germany and France, ethanol (E10) is sold cheaper than regular petrol.
- ✓ In the vast majority of EU countries the only incentives that support biofuels use are the EU's 2020 targets.
- ✓ Direct subsidies for biofuels are mostly defunct since oil companies are now obliged to blend biofuels.
- ✓ Globally, in 2013 fossil fuel received over 4 times (\$500b) the incentives paid for renewables, including biofuels.



“ EUROPEAN ETHANOL USES TOO MUCH LAND AND IS CAUSING DEFORESTATION IN 3RD COUNTRIES ”

FACT!

- ✓ EU ethanol production uses less than 1% of EU agricultural land, less than the unused farmland in Europe.
- ✓ In 2013, our biorefineries produced enough animal feed to free up nearly 1 mha of agricultural land outside Europe, meaning our industry's net land use is close to zero.
- ✓ EU ethanol production does not cause any direct deforestation in 3rd countries because the EU sustainability rules forbid this.
- ✓ Increased demand for agricultural crops has been met mostly by increased crops yields, multi-cropping and higher frequency of harvesting, not by forest or land conversion^{5,6}.



“ EUROPEAN BIOFUELS POLICY CAUSES LANDGRABS IN AFRICA ”

FACT!

- ✓ No ethanol fuel used in Europe has been produced in Africa. Biofuels production in Africa should be used to displace domestic oil use, not be exported.
- ✓ Data from the Land Matrix Global Observatory shows that the amount of land grabs taking place in Africa has been exaggerated with no clear bias towards biofuels in those land grabs that have taken place.



¹ Renewable Energy Progress Report, European Commission (2013)
² Food commodity prices represent 14% of average food costs, USDA (2012)
³ Long-Term Drivers of Food Prices, World Bank (2013)
⁴ The Role of Biofuels Beyond 2020, Element Energy (2013)
⁵ Using Recent Land Use Changes to Validate Land Use Change Models, Iowa University (2014)
⁶ Biofuel Cropping Systems: Carbon, Land and Food, Langeveld et al (2014)

