

EUROPEAN ETHANOL

MEETING EUROPE'S FOOD
AND FUEL CHALLENGES

In Europe, our biorefineries – producing ethanol, food and animal feed – contribute a huge range of benefits to the EU economy and environment

HELPING REVIVE EUROPE'S RURAL AREAS

From 2000 to 2012, 4.8 million full time jobs disappeared in EU agriculture

OUR CONTRIBUTION:

- ✓ EUR 8 billion invested in response to EU legislation.
- ✓ 50,000 direct and indirect jobs in rural areas.
- ✓ Guaranteed market outlet for Europe's arable farmers – stabilising the market and reducing price volatility.

SUPPORTING FOOD SECURITY

Europe is 70% dependent on protein crops imports, such as soya beans, for animal feed

OUR CONTRIBUTION:

- ✓ 3.2 million tons of high protein animal feed every year along with ethanol, enough to feed over 2.5 million dairy cows, over 10% of Europe's dairy herd.
- ✓ Regular income to Europe's farmers which helps them make investments to improve their productivity.
- ✓ We use only 2% of EU grains and will have less than 1% effect on global cereals prices by 2020.
- ✓ We use surplus crops, and co-products of sugar production, for biofuel production, while Europe is still the world's largest food exporter.
- ✓ Ethanol production uses less than 1% of European agricultural land, while freeing up as much global land for food production by displacing the need for protein crop imports.

HELPING THE FIGHT AGAINST CLIMATE CHANGE

Road transport is now responsible for 26% of Europe's total GHG emissions

OUR CONTRIBUTION:

- ✓ GHG emission savings of 60% (on average) compared to petrol.
- ✓ If all petrol cars in Europe drove on E10 fuel (≤ 10% ethanol and ≥ 90% petrol), we would reduce Europe's GHG emissions by 15 million tonnes per year, equivalent to taking 9 million cars off Europe's roads.
- ✓ Ethanol has a low-ILUC-risk and high GHG savings, as confirmed by the European Commission ILUC impact assessment and IFPRI study.
- ✓ Only sector that applies mandatory criteria to ensure the sustainability of its products.

IMPROVING EUROPE'S FUEL SECURITY

European transport is 94% dependent on oil, of which 84% is imported

OUR CONTRIBUTION:

- ✓ In 2013, EU ethanol production displaced 26.5 million barrels of oil, saving the EU oil bill of EUR 2.1 billion.
- ✓ All petrol cars on E10, would displace 50 million barrels of imported crude oil, saving EUR 4 billion.

HOW DO WE MOVE FORWARD?

THE EU ETHANOL INDUSTRY SUPPORTS A SOLUTION TO ILUC. WE THEREFORE CALL UPON PARLIAMENT AND COUNCIL TO:

- ✓ SET A MINIMUM 7% CAP ON CONVENTIONAL BIOFUELS.
- ✓ SUPPORT A SEPARATE 7.5% RENEWABLE ENERGY IN PETROL TARGET (AS PROPOSED IN THE EUROPEAN PARLIAMENT'S 1ST READING POSITION).
- ✓ SET A BINDING TARGET FOR ADVANCED BIOFUELS.
- ✓ EXCLUDE CERTIFIED LOW-ILUC-RISK BIOFUELS FROM ANY CAP ON CONVENTIONAL BIOFUELS.
- ✓ SEEK A LONGER-TERM PERSPECTIVE TO THIS POLICY REFORM UP TO 2030.