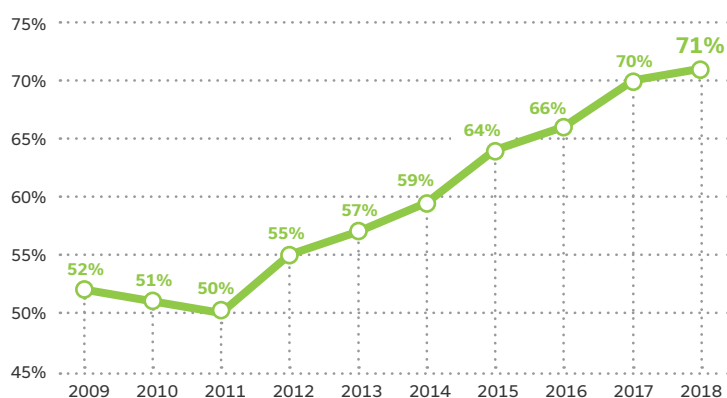


In 2018, ePURE members produced **5.81 billion litres** of ethanol, **82%** of which was for fuel use, with an average of **71% GHG savings** compared to petrol and **co-producing 5.55 million tonnes of co-products**, of which **4.20 million tonnes** was high-protein, GMO free animal feed. **99%** of the crops used were grown **by European farmers**.

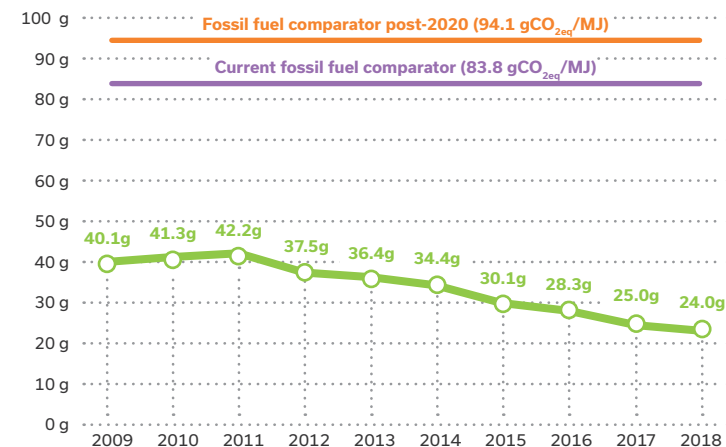
Average certified emission savings in %

Since 2011 the average certified greenhouse gas emission savings of renewable ethanol against fossil fuel have increased continuously, reaching 71% in 2018.



Source: Aggregated and audited data of ePURE members, compared to a fossil fuel comparator of 83.8 gCO_{2eq}/MJ

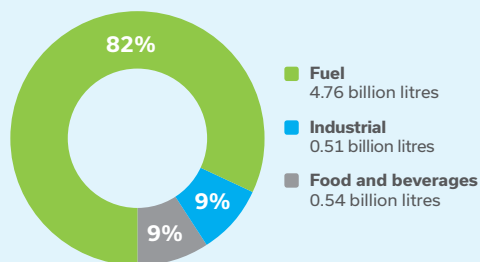
Average certified emissions from the production and use of fuel ethanol in gCO_{2eq}/MJ



Source: Aggregated and audited data of ePURE members

Renewable ethanol production by end-use

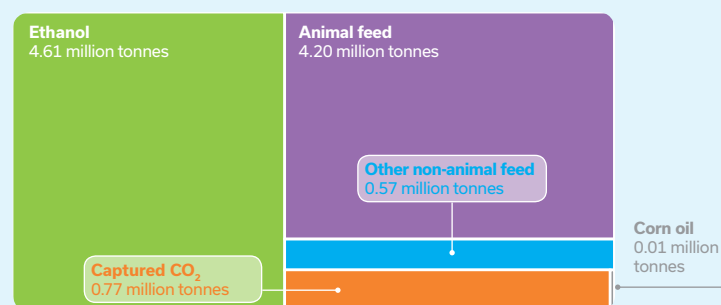
In 2018, ePURE members produced 5.81 billion litres of ethanol, operating at 89% of their 6.51 billion litres of installed capacity. Fuel accounted for 82% of the use; other markets, such as beverages and industrial applications, each represented 9%.



Source: Aggregated and audited data of ePURE members (pure alcohol)

Main output of European renewable ethanol plants

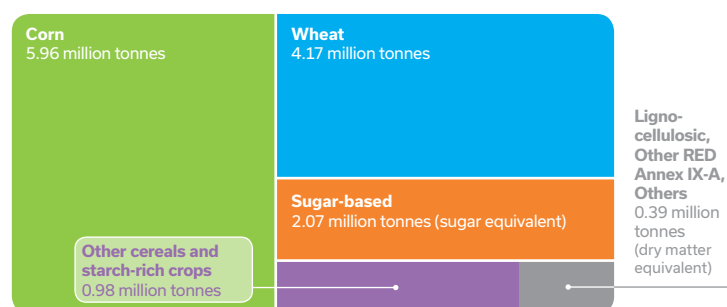
Animal feed makes up the largest share of renewable ethanol co-products produced by ePURE members. Of the 5.55 million tonnes of co-products produced in 2018, 4.20 million tonnes was animal feed.



Source: Aggregated and audited data of ePURE members (ethanol - pure alcohol; animal feed co-products - dry matter equivalent; other co-products - commercial equivalent)

Feedstock used to produce renewable ethanol

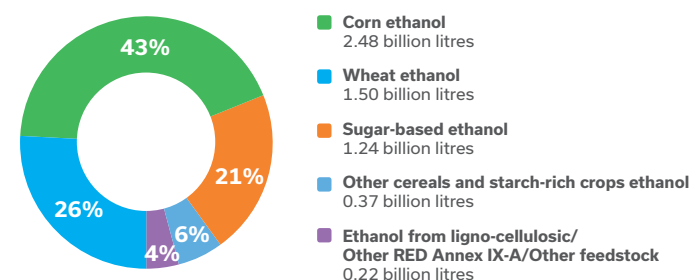
99% of all feedstock used to produce renewable ethanol by ePURE members was grown in Europe.



Source: Aggregated and audited data of ePURE members

Share of European renewable ethanol produced from each feedstock type

In 2018, 43% of the ethanol produced was from corn, followed by wheat (26%) and sugar (21%).



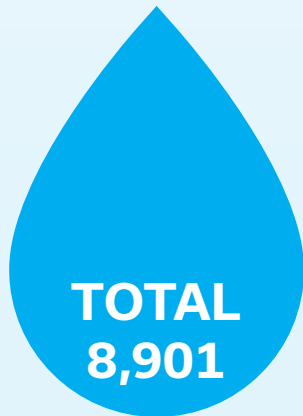
Source: Aggregated and audited data of ePURE members (pure alcohol)



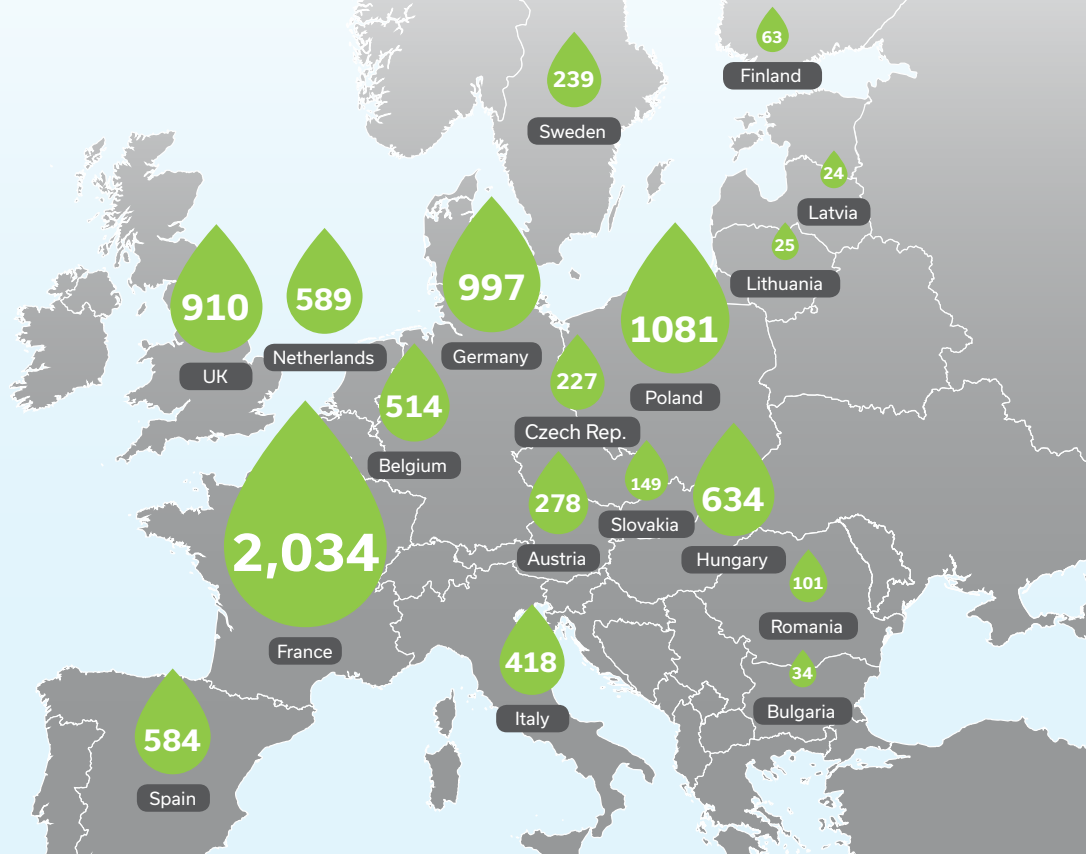
EU renewable ethanol market at a glance – 2018

European renewable ethanol installed production capacity (Million litres)

*Includes non-ePURE members. ePURE members account for 6.5 billion litres of total European production capacity.

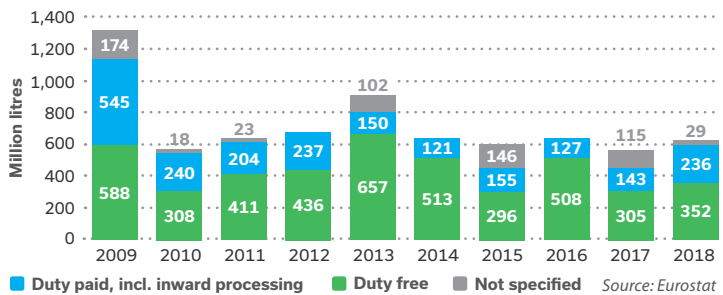


Source: Eurostat

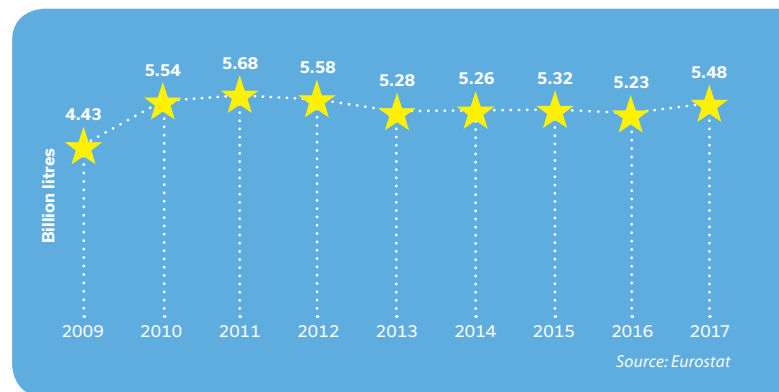


Imports of ethanol into the EU

EU ethanol imports reached 618 million litres in 2018. Imports from countries with duty free access to the EU market accounted for 55.7% of the imports, while imports from countries without preferential access accounted for 39.5%.



EU fuel ethanol consumption



Top 10 origins of EU ethanol imports in 2018

