

## How do European biorefineries contribute to a more resilient EU?

### Who is ePURE?

ePURE is the unified voice of the European renewable ethanol industry, promoting the role of domestic biorefineries in strengthening Europe's farms and shaping its future – by driving economic growth, enhancing food security and strengthening rural communities.

### What is ethanol?



Renewable ethanol is alcohol, produced sustainably from European raw materials and used in industrial and food and beverage applications, and as a low-carbon replacement for fossil fuel.

### How do biorefineries contribute to the EU?

By producing more than just ethanol. EU biorefineries also produce food, feed and biogenic CO<sub>2</sub>.



**79.1%**



GHG emission savings from ethanol compared to fossil fuels (in 2023)

#### TRANSPORT

Reducing transport-related emissions today

- Ethanol produced in EU biorefineries is used as a low-carbon fuel
- It can accelerate the phase-out of fossil fuels in transport
- It strengthens the EU's energy autonomy



**6.5M**

tonnes food and feed produced (in 2023)

#### FEED

Making feed, food and supporting European farmers

- EU biorefineries turn multi-purpose crops into food and feed – even more than fuels
- They contribute to our food autonomy and security
- They support European farmers and boost rural economies through job creation



**1.5M**

tonnes of captured biogenic CO<sub>2</sub> (in 2023)

#### BIOGENIC CO<sub>2</sub>

Displacing fossil CO<sub>2</sub> and boosting European industries

- Biorefineries generate and capture biogenic CO<sub>2</sub>
- It reduces the EU's need for fossil CO<sub>2</sub> and creates a circular economy
- It puts bubbles in drinks, improves plant growth in greenhouses and ensures a home-grown supply in the EU

## How can the EU achieve its Green Deal goals faster?

With the help of biorefineries!

Consider all types of emission-reduction energy solutions

Embrace CO<sub>2</sub>-neutral fuels for current and future vehicles

Recognise biorefineries' contribution to the EU's protein strategy

Establish a coherent policy approach for bioethanol

Protect and incentivize biogenic CO<sub>2</sub> capture

**From Europe's farms to Europe's future, biorefineries make food, feed and fuel for Europe. Let's unlock their potential.**