



BIOREFINERY ZEITZ

Status 2022

Renewable raw materials

- Our products contain only as much CO₂ as the biomass has previously absorbed during growth
- Significant greenhouse gas savings across the entire production process, compared to fossil alternatives
- Optimal raw material utilisation through circular economy

Raw material flexibility and security of supply

- Use of European biomass: feed grain not intended for human consumption, sugar syrups and residues
- Short transport distances due to neighbouring sugar factory and location in an agricultural area

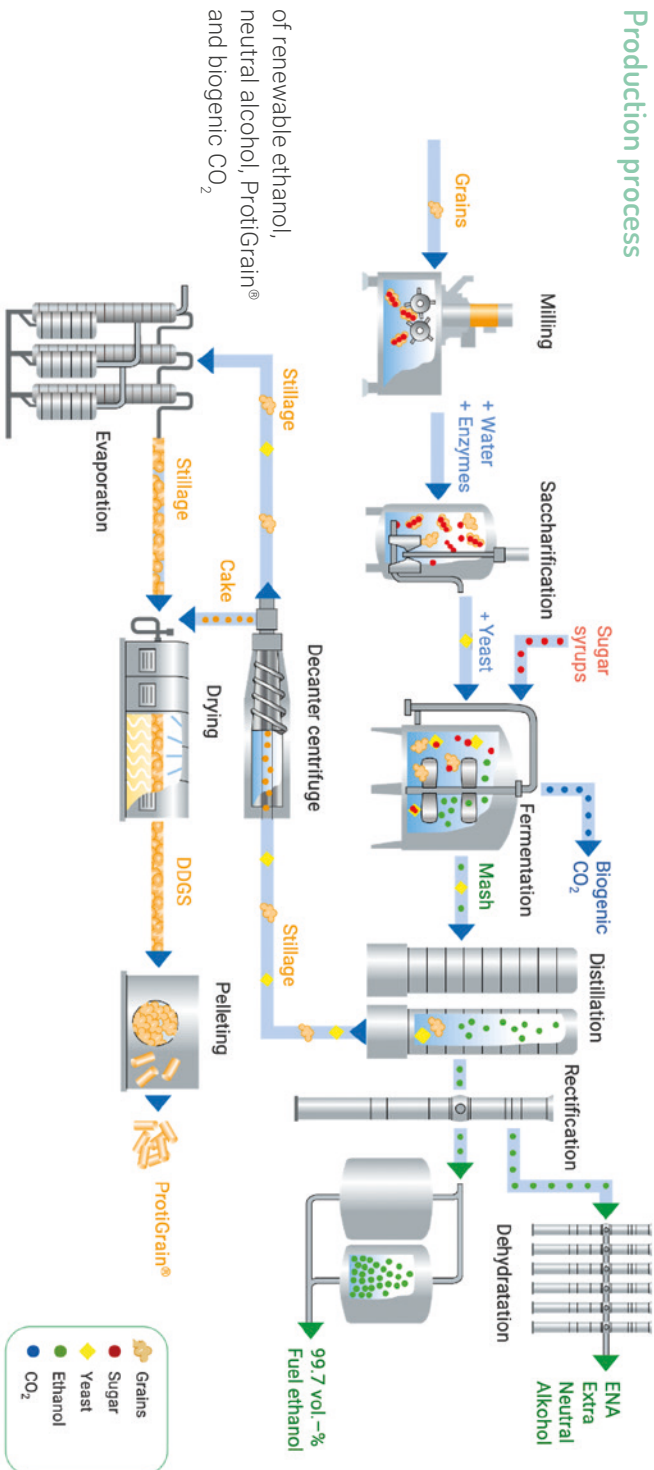
**ALL RAW MATERIAL
COMPONENTS ARE
PROCESSED INTO
VALUABLE PRODUCTS**

Learn more at: www.cropenergies.com



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Production process



OUR PRODUCTS



Renewable ethanol

Climate-friendly petrol substitute with significant greenhouse gas savings and higher octane rating than petrol. Contained e.g. in Super E5 and E10.



Highly pure neutral alcohol

In a wide range of qualities for the beverage, food, cosmetics and pharmaceutical industries, e.g. disinfectants, and technical applications.



High quality protein feed

ProtiGrain® (DDGS) contains valuable proteins, fats and fibres and is excellent for cattle, pigs, and poultry as well as pets.



Biogenic CO₂

The purified green CO₂ produced during fermentation is used in the food and pharmaceutical industries, among others.

Sustainable biorefinery

- Products from renewable raw materials
- Certified as sustainable according to REDcert EU
- Domestic feed production: GMO-free and an important alternative to soy imports



- Social responsibility for society and employees
- Optimal and multiple energy use

OUR PRODUCTS ENSURE THAT
FOSSIL **CARBONS STAY**
IN THE GROUND

Location

In Zeitz, CropEnergies operates one of the largest biorefineries in Europe.

Annual production capacity:

- Approximately 400,000 m³ ethanol (alcohol)
- 60,000 m³ neutral alcohol
- 100,000 t liquefied biogenic carbon dioxide
- > 300,000 t of dried protein animal feed

Start of production: 2005

AN IMPORTANT ECONOMIC
FACTOR IN THE REGION WITH
OVER 130 EMPLOYEES

