



# BIO ——— ECONOMY

IN THE  
CEREAL  
AND BEET  
SECTOR.



Cereals and sugar beet are two of the most relevant crops for the EU. The 21% of the outputs from crops in the EU comes from the cereal cultivation. In the other hand, the EU is the world's leading producer of sugar beet, accounting for about one half of global production.

## Example of a business model in the bioeconomy: Pomacle-Bazancourt biorefinery

Grand Est Region is a well-known example about how the bioeconomy is implemented beyond the business scale with various examples and a strong policy.



In this site, for instance wheat products are processed to obtain cosmetic products, wheat-based glucose adhesives and animal feed.



One example of circular economy in this site: the carbon dioxide from the bioethanol production is captured and used to carbonate drinks.



One of these examples is the Pomacle-Bazancourt biorefinery. Here, cereal and beet local farmers promoted, through their cooperatives, the creation of a bioeconomy ecosystem to maximise the valorisation of their products.



The soluble compounds from wheat and the products from the beet processing are used to obtain bioethanol.



The Grand Est bioeconomy ecosystem includes research centers working on the continuous improvement of the process and the creation of new value chains.

**Grand Est**  
ALSACE CHAMPAGNE-ARDENNE LORRAINE

Pomacle-Bazancourt biorefinery as bioeconomy flagship of the ecosystem:

> 1200 employees (on this site)

> 4 millions tons of biomass processed annually (on this site)

Both farmers cooperatives and other privately owned enterprises.



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