



FACT SHEET SIEMENS XCELERATOR IN SPANIEN

Food and Beverage Industry in Spain

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Importance of the food and beverage industry

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- In 2022, Spain’s gross domestic product (GDP) totaled €1.3 trillion, up 5.8 percent on the previous year. The food and beverage industry’s share of total GDP was 2.47 percent.
- In terms of economic importance, the figures from the Spanish Ministry of Agriculture, Fisheries and Food show that the fruit sector is in first place (€9,845 million), followed by meat (€9,708 million) and vegetables (€8,029 million).
- The oils and fats sectors showed the greatest increase in exports compared to 2021, with a growth of 33.1 percent and a total exported value of €7,194 million. The beverage sector recorded an 8.6 percent increase in its exports.
- At 64.1 percent, the majority of exports go to the European Union, which recorded a 15 percent increase compared to 2021. Exports outside the European Union, which account for 35.9 percent of total exports, increased by 9.9 percent compared to 2021.

The need for innovation

- Figures from the German Chamber of Commerce for Spain show that the food and beverage industry is one of the production sectors with the highest energy requirements in Spain. At 14 percent of total industrial energy consumption, it takes second place – behind the iron and steel industry – in terms of energy consumption.
- Another peculiarity of this sector is its high dependence on gas and electricity, as many of the food sector's subsegments (such as sugar, dairy, olive oil and egg production) use production processes that consume a lot of electricity and heat.
- In addition, Spanish fruit and vegetable growers have had to contend with extreme drought for the third year in a row. The country's water shortage – together with the food and beverage industry's high energy consumption – reinforces the need to use more sustainable and resource-efficient technologies.
- The implementation of new technologies that drive the digital transformation of manufacturing locations is needed to maximize energy efficiency in production and multiply the traceability of the product value chain.

Siemens Technology

- The technologies used at Ekonoke, Deoleo and Coca-Cola are examples of the digital transformation that is taking place in the food and beverage industry – with the help of Siemens technology. These technologies are used in a variety of diverse cases, such as in sustainable and efficient hop production, the digitalization of a traditional olive oil production process and the example of sustainable processing and distribution of a large multinational soft drink company.

Usable Agricultural Area (UAA)
for organic production in Spain.

Organic production in Spain



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