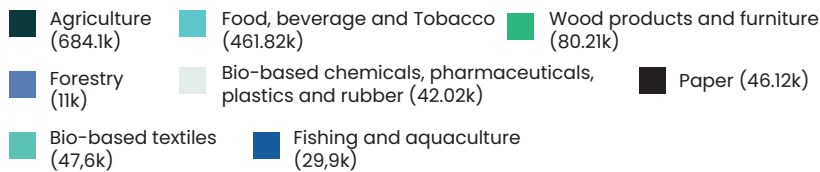
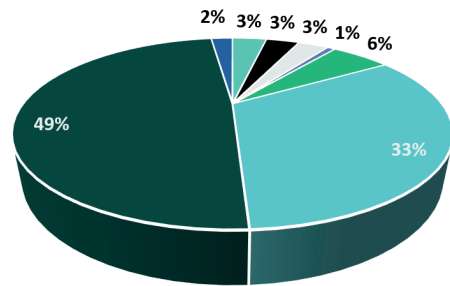


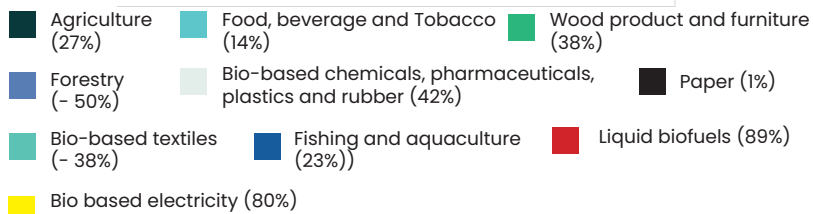
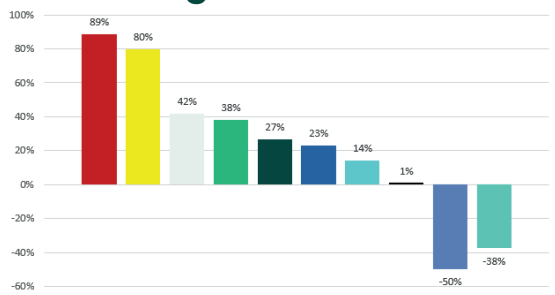
In Spain, there is a comprehensive Bioeconomy Strategy that includes all the important sectors in the EU's economic activity. However, its implementation is not progressing as planned due to it not being a priority in the working agenda of the responsible Ministry. Nonetheless, its development is taking place individually by some Spanish regions without considering the actions of the rest of the country, where regional strategies have been established and they have been promoting the bioeconomy in their respective regions. It's important to highlight that the bioeconomy sector generated an approximate business volume of 220 billion euros in Spain in 2020. But nowadays its development is stopped.

## Employment by sector in Spain (2020)

Number of people employed



## Value added growth between 2008 and 2020



Publication date

**2015 - 2030**

Responsible authorities



Ministry of Science and Innovation

Spain

# Spanish Bioeconomy Strategy: Horizon 2030

Its objective is the production and commercialization of food, as well as forest products, bioproducts, and bioenergy, obtained through physical, chemical, biochemical, or biological transformations of organic matter not intended for human or animal consumption, involving environmentally friendly processes, as well as the development of rural environments.

On the other hand, there is also a Circular Economy plan that reinforces the bioeconomy strategy and is developed in strategic lines with a duration of 3 years (currently, the 2021-2023 plan is in effect).

Dominant sectors

**Agriculture**  
**Forestry**  
**Fishing and Aquaculture**

Other related strategies



Circular Economy Action Plan (2021-2023)

## Policy instruments



### Aid to finance 23 innovative projects in the agricultural and forestry sector

Example of a launch of aid to promote the bioeconomy, in this case in the agricultural sector.

### Order TED/408/2023, of April 24



This call aims to encourage the advancement of groundbreaking projects that support the growth of the bioeconomy, ecological transition, the resolution of demographic challenges, and the enhancement of capabilities. These projects emphasizing a scientific and technical approach, especially in the context of forest ecosystems and sustainable forest exploitation.

### Subsidies for the promotion of forestry bioeconomy



Execution of transformative projects of a scientific-technical nature that contribute to the conservation, improvement and restoration of the biodiversity of ecosystems and forest species.

## Bioeconomy in Spain Collaborative structures

### Basque Alliance for the Bioeconomy

The Basque Government, in collaboration with a group of companies, has promoted the creation of this Alliance in response to the need to diversify the economy towards a model based on the use of biological resources.

### Interreg VA Spain-Portugal (POCTEP)

In the field of bioeconomy and circular economy, three joint projects have been identified, with one of them having full involvement and the other two being relevant, mitigating resources and energy shortage, with medium-sized businesses.

### COOPID

This project identifies successful bioeconomy project cases in the EU and organizes visits for primary producers to learn from and gain expertise from these experiences.

### REDR

Project that focuses on the challenges and opportunities of the bioeconomy in rural areas

### Extremadura's Forest Bioeconomy Program

Specific Collaboration Agreement between the Regional Ministry of Agriculture, Rural Development, Population, and Territory and the Business Association of National Agri-Food Technological Research Center of Extremadura (CTAEX), for the development of the technical foundations for the Forest Bioeconomy Strategy of Extremadura.

### Bioeconomy Ventures

Bioeconomy Ventures aims at creating an entrepreneurial ecosystem within the bio-based industry sector by offering support, brokerage and networking services to the relevant stakeholders.

## Showcase

### The Biorefinery CLaMber

The Spanish region of Castilla-La Mancha developed the CLaMber Project, which lays the foundation for making this region a benchmark in southern Europe for research related to biomass utilization.

Two different but complementary actions were carried out:

- The construction of a Research Center housing a Biorefinery where companies can conduct experiments on a scale closer to reality.
- A Pre-Commercial Procurement to carry out R&D projects with the aim of using organic waste from agriculture, livestock, municipalities, etc., generated in the region and considered problematic, in order to turn them into an opportunity and produce high-value compounds. This approach minimizes production costs and opens up new business lines.