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## Spanish strategy on bioeconomy: towards a knowledge based sustainable innovation

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### Highlights

- The Strategy is based on the sustainable and efficient production and use of biological resources.
- Targeted sectors are food and agriculture, as well as forestry, conditioned by water availability.
- Industrial bioproducts and bioenergy obtained from other sources of biomass are also included.
- The Spanish bioeconomy Observatory fosters the implementation through Annual Action Plans.
- Social, political and administrative bioeconomy context in Spain must be reinforced.

### Abstract

Spain launched its own strategy on bioeconomy in January 2016 aiming at boosting a bioeconomy based on the sustainable and efficient production and use of biological resources. It highlights global societal challenges related with agricultural and biotechnological sciences in Spain and the great dynamism of the private sectors involved, particularly the agri-food, biotech and biomass sectors.

The targeted sectors are food, agriculture and forestry, conditioned by water availability. It also includes the production of those industrial bioproducts and bioenergy obtained from the use and valorisation of wastes and residues and other non-conventional sources of biomass, in a circular economy. The strategy also puts a focus on rural and coastal development through several uses and services linked to ecosystems.

The capacity to generate know-how in this area and the promotion of public and private collaboration are important pillars in order to enhance existing value chains and to create new ones. The strategy is led by R&I and Agriculture, Food and Environment policy managers and

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