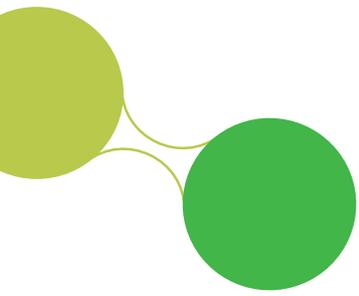




The Spanish Bioeconomy Strategy **2030 Horizon**

THE 2016 ACTION PLAN



The 2016 Action Plan

Actions



The First Annual Action Plan for 2016 will include the following measures:

- 1. To promote public and private research and company investment in innovation in the area of the bioeconomy.**
 - a. To fund research projects through the related calls by the bodies authorised.
 - b. To create a coordinated programme of seminars, forums and meetings to present the possibilities for public financing of research and innovation.
 - c. To develop a course for those engaged in training in the management and financing of bioeconomy-related projects.
 - d. To organise a Spanish conference on the bioeconomy.
 - e. To analyse successful public-private collaboration models for generating entrepreneurial innovation based on public research (e.g. Bioaster, Novo Nordisk, Wageningen), proposing measures applied for Spain.

- 2. To strengthen the bioeconomy's social, political and administrative frame of reference.**
 - a. The Spanish Bioeconomy Observatory will be set up in two stages:
 - i. Creation of the Spanish Bioeconomy Strategy Monitoring Group.
 - ii. Establishment of the Spanish Bioeconomy Strategy Management Committee.
 - b. The Spanish Bioeconomy Observatory will identify and back groups promoting the strategy in the Autonomous Communities and Local Bodies, with a view to setting up common working programmes based on cooperation.
 - c. The Observatory will design a programme of publicity and dialogue comprising the following:
 - i. Identifying society's perception of the subject, in line with work which will be done by the Spanish Science and Technology Foundation (FECYT).
 - ii. Exchange of opinions with representatives from the productive sectors, consumers, opinion makers, NGOs, etc.



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- iii. Making the strategy known with Observatory members' participation in meetings, presentations, etc.
 - iv. To design a base strategy to foster education in the bioeconomy.
 - d. To identify the IT platform on which to site exchange of opinions on the bioeconomy.
 - e. International cooperation and exchange by the Monitoring Group and Management Committee or their members.
- 3. In the field of competitiveness and market development,** the actions in the first Action Plan will focus on:
- a. Compiling the environmental footprints of products from agriculture, livestocking, forestry, aquaculture, food and bio-industry by-products available in Spain.
 - b. Encouraging research projects aimed at defining the sustainability indicators applicable to our productive systems.
 - c. The identification of legal, administrative or other limitations which may impair development of the bioeconomy.
 - d. Promoting the development of chains of value, particularly in the field of food and agriculture and organic waste, with the participation of the Autonomous Communities.
- 4. In developing demand for new products.** The first action plan will focus on an analysis and implementation of the procedures for innovative public procurement in cases successfully applied in the bioeconomy field.
- 5. In the area of the Plan for the expansion of the bioeconomy.** During the first working plan, the following action will be taken:
- a. To create a computer repository storing examples of good practice in the bioeconomy field.

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An Economic Evaluation

The following table sets out the possibilities for financing research and innovation projects in 2016 in the bioeconomy field:

(000s €)

Project Financing 2016		Funds initially forecast in the Strategy		Additional funds available in the 2016 General State Administration Budget		TOTAL	
		Subsidy	Credit	Subsidy	Subsidy	Credit	
European Union Funds	H2020	30,900	-	-	30,900	-	
	MINECO DG of Scientific and Technical Research	23,000	-	7,000	30,000	-	
General State Administration Funds	MINECO DG of Innovation and Competitiveness	11,500	21,000	5,000	16,500	21,000	
	MINECO CDTI	33,500	110,000	9,000	42,500	110,000	
	MINECO INIA	18,000	-	2,000	20,000	-	
	MAGRAMA	6,850	-	-	6,850	-	
	Regional Administration Funds Autonomous Communities	83,000	-	-	83,000	-	
TOTAL		206,750	131,000	23,000	229,750	131,000	

Note:

For the calls indicated in the table above, financing is assigned as follows;

- H2020 Aid: the European Commission (Estimate)
- Ministry of the Economy and Competitiveness (MINECO) Aid:
 - DG Scientific and Technical Research or the State Research Agency
 - DG Innovation and Competitiveness or the State Research Agency
 - The National Agricultural and Food Research and Technology Institute (INIA) or the State Research Agency.
 - CDTI (the Industrial Technological Development Centre)
- MAGRAMA Aid: the Ministry of Agriculture, Food and the Environment
- Autonomous Community Aid: the Autonomous Communities (Estimate)

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An estimated economic assessment is also included, along with the schedule planned for the following actions forming part of this Action Plan:

Type of Action	2016	
	Estimated budget (€)	Planned implementation date
Development of a course for those training in the management and financing of bioeconomy-related projects.	22,700	1 st semester
Organisation of a Spanish conference on bioeconomy.	10,700	2 nd semester

Development and Application

Coordination and implementation of the actions put in place in this Action Plan will be the responsibility of the Spanish Bioeconomy Strategy Monitoring Group created on the initiative of the Interministerial Council for Scientific, Technological and Innovation Policy, with representatives from the Ministries and Autonomous Communities involved, and from the productive sectors, the scientific community and civil society. While its creation is agreed on, a working group will be set up in this framework on the recommendation of the State Secretariat for Research, Development and Innovation, to act as observatory during the transition period.

Activities related to financing will be assigned to the departments and bodies with jurisdiction in the Ministry of the Economy and Competitiveness (the DG for Scientific and Technical Research; the DG for Innovation and Competitiveness; the Industrial Technological Development Centre or the State Research Agency), in the case of the General State Administration (AGE).

This financing will be implemented in the habitual calls under the 2013-2016 State R+D+I Plan as part of the aid granted in Challenge 2 and, to a lesser extent, in Challenges 5 and 3 of the Plan. The General State Administration's additional input will be concentrated in regions less developed than others where the bioeconomy has also been identified fully or partially as a strategic area in RIS3.



