



Thematic Actions

Coordinating Universities for the Proposal: UCM and UPM

Title of Action	Creation (Environmental Restoration and Land-Use Planning) of the Moncloa Agri-Food Corridor		
Participating partners	UPM, UCM, INIA, Madrid City Council, CSIC	Other participants	ISCIII, MARM, Department of Environment, Housing and Territorial Development of the Community of Madrid
Personnel involved (indicate institution)	UPM, UCM, INIA, Madrid City Council, CSIC		
Start date	2009	End date	2015
Cluster	Agri-food and Health	Other clusters	
Areas of action	Research / Teaching Improvement and EHEA Deployment / Knowledge Transfer / Local and Regional Interaction / Comprehensive Social Campus		
Location	Moncloa Agri-food Corridor		
Infrastructures involved	<p>Current infrastructures:</p> <ul style="list-style-type: none"> - VISAVET (UCM): Biosafety Level 3 Laboratory, Animal Facilities in BSL3, IMDEA-Food --Safety. - Veterinary Faculty (UCM): lecture room and halls, laboratories, large animal facilities (3), small ruminant facilities (2), experimental unit for poultry, annex building for teaching and research, animal facilities (2). - Complutense Veterinary Hospital . - School of Agriculture (UPM): classrooms and laboratories, cropping and greenhouse fields, experimental aquaculture tanks, production barns for laying hens, rabbits (3), chickens and piglets, barns for digestibility studies for chickens, piglets and sheep, animal welfare laboratory for pigs, animal production laboratory, IMDEA-Food-Technology, laboratory for crop simulation and calculation. - Unit for Renewable Energy Production from Biomass. - INIA: Experimental Farm and Reproduction Centre. - Centre for Animal Protection - Madrid City Council. <p>Infrastructures required:</p> <ul style="list-style-type: none"> - VISAVET: classrooms and farm for the international school for technical and scientific training to combat and eradicate tuberculosis. - Faculty of Veterinary Sciences (UCM): milking silo and pig facility. - School of Agriculture (UPC): recovery and regeneration of the corridor. 		
Keywords	Animal welfare; Health; Agriculture; Food		
Objectives:	<p>The objective of this project is to recover existing infrastructures in the institutions involved and to create new infrastructures with different purposes in order to (1) improve teaching through better facilities and improved coordination including the exchange of students and teaching staff; (2) integrate research in order to internationalise research groups; (3) coordinate the joint use of infrastructures between the UCM and UPM and other collaborative institutions; (4) run international postgraduate programmes; (5) transfer research results to industry; and (6) recover a deteriorated area of great cultural value for the general public (Moncloa Agri-food Corridor).</p>		



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<p>Description of the action:</p> <p>The Agri-food Corridor within the Agri-food cluster has Agri-food teaching and research facilities that are unique in the Community of Madrid.</p> <p>In addition to this, the provision of crop and animal production facilities, experimental labs and centres for household animals open up a wide range of teaching, entertainment and even therapeutic possibilities for the public in general would allow the recovery of the heritage and the development of the land in the area.</p> <p>The creation of the Moncloa Agri-Food Corridor would allow (1) the adaptation of existing facilities to European regulations; (2) integrated cooperation between institutions involved through the creation of a coordinating body and (3) the recovery of a poorly conserved area.</p>	
<p>Key planned results:</p> <ol style="list-style-type: none"> a. Establishment of three official Master's degree courses. b. Participation in five internationally coordinated and six Spanish coordinated projects. c. Improvement of the animal welfare in all Agri-Food Corridor facilities. d. Lower energy consumption. e. Transfer of research results through consultancy services and patenting. f. Researcher mobility and international post-graduate courses. g. Recovery of a deteriorated area with high cultural value and the generation of employment in the facilities. 	
<p>Rationale for the action:</p> <p>As mentioned earlier, the Agri-food and Health cluster has a series of facilities belonging to the different participants in this proposal. Currently these infrastructures require significant remodelling work in order to adapt to European regulations on zoonosis, animal welfare and the environment. This work will enable the facilities to be optimally used by the participants of this proposal and by other institutions.</p>	
<p>International aspects:</p> <p>The availability of modern structures complying with European regulations will facilitate quality teaching and research, and will increase the mobility of students, teaching staff and researchers, and the development of coordinated research projects. Incoming researchers will also be able to use the facilities.</p>	
<p>Planned impact:</p> <p>With the creation of the Agri-Food Corridor we will have a first-class work area where the interaction of human and material resources will foster quality teaching and research in agri-food. These facilities will be unique in the field of Agri-food and will include crop, farming and food production facilities that may be used by the different institutions to carry out their teaching and dissemination activities</p> <p>In addition to this, the experience of the researchers in international spheres combined with the multidisciplinary integration of the Campus will guaranteed the externalisation their activities.</p>	