



Partner Search Form

TITLE
Use of green energy (other than biogas and biomass) supply for animal production and food processing
DEADLINE
(30/11/2010)
ABSTRACT
<p>In order to reduce the natural gas and electricity costs in the operation of a farm or a food processing unit a new system is planned to be developed, in which green energy (other than biogas and biomass) is used.</p> <p>Objectives:</p> <ul style="list-style-type: none">• to develop new water heating equipments using magnetic flux energy (Magne-Warm)• to develop new energy supply system for heating and warm water (and steam) supply for animal breeding farms and factories processing animal (and other agricultural) products, via using a combined method for solar and wind energy with magnetic flux utilisation <p>Expected results:</p> <ul style="list-style-type: none">- new equipments with very high efficiency for almost unlimited time,- new energy supply system for replacing natural gas and electricity- cheap utilisation of solar energy collecting system built in the roofing tiles- developing new combined energy collecting system including solar energy and wind energy (not huge wind tower)- reduced costs in production and food processing
DESCRIPTION
<p>A new equipment is being under development using magnetic flux energy which could be a tool for heating water and other liquids at the level of low energy cost. The model type of the equipment has been built and a serial of test measurements were carried out and the results are more than promising, but lots of works to be done to get to the final version ready for industrial use.</p> <p>It could be operated using energy from various resources.</p> <p>According to our plan we would like to develop a system as a whole for a farm and/or food processing unit where this Magne-Warm equipment would be the heart of the energy supply system, and where the energy needed for operating this equipment originated from a combined solar and wind energy system.</p>
TECHNICAL SPECIFICATIONS/SPECIFIC TECHNICAL REQUIREMENTS OF THE REQUEST
<p>We would need partners to this project who:</p> <ul style="list-style-type: none">- would carry out the test measurements of the equipment officially- would develop a plan about the energy demand of various farms/food processing units- would accept the trial of the system in its farm/factory- would be ready to take part in the manufacturing the new equipment and the new energy supply system.

COLLABORATION TYPE		
<input checked="" type="checkbox"/> Technical co-operation <input checked="" type="checkbox"/> Joint further development		
COMMENTS		
Type of partner sought	Research institute/ University SME	
Specific Area of Activity of the Partner	In the case of research organisation : electricity measurements; test measurements of equipment; In the case of SME : interested in green energy innovation	
Task to be Performed	For research organisation: taking part the finalisation of the system For SME : accepting the system into its farm/food processing plant and taking part in the test of the system For SME : being partner in manufacturing the equipment developed within the project	
EU/International project experience	It is preferred	
Preferred countries for dissemination	Any	
ORGANISATION/COMPANY SUBMITTING THE PARTNER SEARCH		
Type	<input type="checkbox"/> Industry <input checked="" type="checkbox"/> Research institute / University <input type="checkbox"/> Other: please specify*	
	<input type="checkbox"/> Technical Centre / Technology transfer centre <input type="checkbox"/> Services	
*Comments		
Size		
<input type="checkbox"/> > 10 employees	<input type="checkbox"/> 11-49 employees	<input checked="" type="checkbox"/> 50-249 employees
<input type="checkbox"/> 250-500 employees	<input type="checkbox"/> > 500 employees	

CONTACT			
Organisation	ADEuropa Foundation	Department	I+D+i
Contact person	Carolina Martin Yolanda Arias Piedras	Male/female	Female Female
Address	C/ Jacinto Benavente, nº 2 Edificio SUR, 3ª Planta	Email	consorcios@adeuropa.org
Postcode	47195	Fax	+34 983 30 99 68
City	Arroyo de la Encomienda (Valladolid)	Telephone	+34 983 21 47 92
Country	SPAIN	Website	www.adeuropa.org