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Is interested in the **participation in a project** that will be prepared and submitted in the following **Area** of the **Thematic Priority 6 Environment** from the Specific Work Programme Cooperation:

Specific Programme	Cooperation
Thematic Priority	5 - ENERGY
Activity (number & title from the Work Programme)	
Sub-priority (number & title from the Work Programme)	Co-firing of biomass and coal
Area (number & title from the Work Programme)	Other EU Programmes
Call (number & title from the Work Programme)	
<p>Short description of the organization expertise relevant to the topic (e.g. staff, areas of expertise and research)</p> <p>The BIOFUELS AREA in CARTIF works on the promotion of the use of biomass as an energy resource, mainly focused on agro-forest and wood manufacturing processes, and their application to energy production for public and private buildings. The main research areas in which the department is working are:</p> <ul style="list-style-type: none"> - Biomass resources quantifying in certain areas, with the objective to study the possibilities of producing thermal energy and electricity with residues. - Implementation of biomass installation projects in the real life. - Biomass residues pre-treatment and densifying. 	
<p>Proposed contribution to the selected Sub-Priority:</p> <p>Reducing CO2 emissions in coal-fired power stations is more and more demanded and this can be done replacing a percentage of coal by biomass. The co-firing of biomass and coal has large outlooks of development and the Biofuels Area of Cartif Foundation has experience and knowledge in this field.</p> <p>We owns equipment to performance co-firing tests at laboratory scale, as well as equipment for measuring fuels behaviour and combustion emissions characterisation. We are interested in using them in cooperation projects.</p>	

Participation in relevant projects (e.g. National Projects, FP5, FP6, INTERREG, LIFE, etc.; acronym & title):

Activities of the Biofuels Area are carried out at local, regional, national and international level. CARTIF has participated in the "Intelligent Energy for Europe" programme of the European Commission, through the projects "Pellets for Europe" (Contract No 4.103/C/02-160) and "Best Result" (contract signing at the moment). The "Pellets for Europe" project consisted in the assessment and promotion of the European pellet markets, focusing both on agri-pellets and wood-pellets (www.pelletcentre.info).

Relevant Publications (Authors, title, editor, year):

Other relevant information: