

Technology Request

Title:													
PS: FP7 - R4SMEs - Novel bioinspired materials and processes (Ref: 12 DK 20B7 3QPE)													
(Open)													
Abstract:													
<p>A Danish technology-based SME focusing on renewable energy technologies is looking for two or more SME partners and a minimum of one RTD performer for a R4SMEs proposal aimed at researching different novel technologies to extract biofuels from plants. The SMEs could be within foresting or work with production, handling, and distribution of liquid biofuels. The RTD performer(s) should possess knowledge and experience on different technologies obtaining and processing substances from plants.</p>													
Description:													
<p>The proposal is aimed at doing research on novel technologies for extracting liquid biomass and other substances from large plants, such as trees and palm trees.</p> <p>The project is based on patent applications within the extraction of the substances from the plants. The methods are in need of intensive research for directing choices between numerous paths in the technologies and processes involved.</p>													
Technical Specifications / Specific technical requirements of the request													
<p>Call for proposal title: Research for the Benefit of SMEs. Call for proposal identifier: FP7-SME-2013. Deadline: 15/11/2012. Duration: 2 years. Budget: 1,500,000 EUR. Percentage of EU funding: Unknown at the moment.</p> <p>The proposal is under development and the consortium currently consist of:</p> <p>Danish SME involved in development of biomass from large plants.</p> <p>R&D1: Danish University. Research areas within Plant Biology, Interdisciplinary Nanoscience, and Bioprocess Technology.</p>													
Other Profile Details													
<table border="1"> <tr> <td>Organisation:</td> <td>Agro Business Park A/S</td> </tr> <tr> <td>Network Partner:</td> <td>Danmark in Europe</td> </tr> <tr> <td>Country:</td> <td>Denmark</td> </tr> <tr> <td>Entry Date:</td> <td>Wed, October 17, 2012</td> </tr> <tr> <td>Validation Date:</td> <td></td> </tr> <tr> <td>Deadline:</td> <td>Thu, October 17, 2013</td> </tr> </table>	Organisation:	Agro Business Park A/S	Network Partner:	Danmark in Europe	Country:	Denmark	Entry Date:	Wed, October 17, 2012	Validation Date:		Deadline:	Thu, October 17, 2013	
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List of Keywords													
<p>Technology</p> <p>Liquid biomass Unconventional and Alternative Energies Forest technology Environmental Engineering / Technology</p>													
Market													
Organisation / Company													
<table border="1"> <tr> <td>Type:</td> <td>Industry</td> </tr> <tr> <td>Size:</td> <td><10</td> </tr> </table>	Type:	Industry	Size:	<10									
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Collaboration Type													
<p>Joint further development</p>													
Comments													
<p>- Type of partner sought: Industry, research.</p> <p>- Specific area of activity of the partner:</p>													

<p>SME1: Owner of forest areas/plantations or professional forester businesses. SME2: Owner of a palm tree plantation located in the Southern part of Europe. SME3: Any SME related to alternative energy distribution, liquid biomass logistics, production of 1. generation bioethanol or other bio-based energy carrying products e.g. oil or sugar.</p> <p>The requested RTD performer should work with either of the following research areas: Extraction of substances from large plants, e.g. trees and palm trees. Processing and converting sugars into liquid biomass. Optimization of substance production within plants. Basic research in areas of plant physiology including cell biology.</p> <p>- Task to be performed by the partner sought:</p> <p>SMEs: Technological development of the functional model/prototype. Test and demonstration of the device and application.</p> <p>RTDs: Research on different tree and palm tree varieties, identification and development of technologies, research on sugar production optimization and development of functional model/prototype.</p>	
<p>Targeted Countries</p>	
<p>ALL</p>	

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