

FP7 INFORMATION DAYS for Research PPPs on 11+12 July 2011

Template project ideas

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Project information			
PPP <input checked="" type="checkbox"/> Factories of the Future <input type="checkbox"/> Energy-efficient Buildings <input type="checkbox"/> Green Cars			
Topic/Title	RIMcopTech new plastics manufacturing technology		
Project idea, objectives	<p>The overall goal of the project is to develop an industrial technology RIMcop[®] (Reaction Injection Moulding with Oscillation and Control of Pulsation), aiming its application in the execution of products with high added value obtained by moulding at low pressure.</p> <p>The development of this technology can allow the achievement of very significant technological breakthroughs that will result in very large efficiency gains, contributing significantly to cost reduction and increased efficiency of products enabling companies to offer better quality products at competitive costs. This development will be based on several areas: development of the RIMcop[®] technology, the development of the moulds technology for RIMcop[®] process and the development and implementation of a knowledge data base system to support the optimized selection of the processing parameters.</p> <p>The research within the project will be driven by several case studies (new products) with specific application to different sectors such as energy, automotive and aeronautics sectors and the project aims to level the technological capacity of the promoters, to promote the creation of knowledge and also promote diffusion of knowledge within the industry with a spread effect to other sectors.</p>		
Partner search description			
Type = Company/SME/Research organisation/university			
+ desired skills/knowledge			
Partner 1	Company Large Scale Raw Materials/Monomers Supplier and Formulation developer		
Partner 2	SME Company Plastic Parts Producer		