


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

Template project ideas

Contact person			
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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	FoF.NMP.2012-6 Knowledge-based tools and approaches for process planning and integrated process simulation at factory level		
Project idea, objectives	<p>Improvement for Textile Production Management in Europe <u>Summarize:</u> knowing the European needs from textile sector and designing an advanced method for production management and a prediction tool allowing to simulate the process behaviour. <u>Objectives:</u></p> <ul style="list-style-type: none"> - Knowing the correct way for managing textile productions - Identifying the improvement possibilities, restrictions and best practices in textile sector - Characterizing success models - Designing a self-analysis tool for textile enterprises - Industrial implementation of an industrial scheduling model <p><u>Impacts:</u></p> <ul style="list-style-type: none"> - Allowing SMEs to introduce new manufacturing models - Improving the enterprises' scheduling and production flexibility - Optimization of energy and material consumption - Better performance of customer requests and deadlines - Achieving lower cycle times and higher production efficiencies 		
Partner search description			
Type = Company/SME/Research organisation/university			
+ desired skills/knowledge			
Partner 1	European Technological Centers: characterization of European textile sector, identification of restrictions in the sector, etc		
Partner 2	Large Enterprises: identification of best practices, design of procedures and tools, etc		
Partner 3	SMEs: Demonstration activities		