

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

Template project ideas

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Project information			
PPP <input type="checkbox"/> Factories of the Future <input type="checkbox"/> Energy-efficient Buildings <input type="checkbox"/> Green Cars			
Topic/Title	Topic FOF NMP - 2012- 6 Knowledge-based tools and approaches for process planning and integrated process simulation at factory level		
Project idea, objectives	<p>Ergolean: Simulation and knowledge tools, integrated with other production planning tools, to simulate, analyse and redesign work at the design stage. It is conceivable that two suites of tools could be developed, one for the large industry and one for SMEs. We have a lot of experience of working with SMES.</p> <p>The toolset should interact with master production planning datasets to get information on work volumes; MTM data etc. including early engineering design drawings of work equipment.</p> <p>The Ergotools would comprise</p> <ol style="list-style-type: none"> 1. Posture and psychosocial simulation and analysis 2. Ergonomics productivity analysis 3. Human related quality issues prediction 		
Partner search description: Seeking to join a consortium			
Type = University + desired skills/knowledge			
Partner 1	Can potentially bring Irish SMEs into a consortium		