

Partner Search Form



1. Project Proposal Information

Project Proposal Title	OPTImisation of Combustion & After-Treatment
Project Proposal Acronym	OPTICAT
Call Identifier	FP7-SST-2011-RTD-1
Topic(s)	GC.SST.2011.7-3 <i>(Example: SST.2010.1.1-1. Carbon footprint of freight transport)</i>
Funding Scheme	Collaborative Projects - Small and Medium Scale
Keywords	
Abstract	Objectives: <ul style="list-style-type: none">• Employ data standardisation, statistical techniques and advanced “physics-based” simulation tools of various combustion modes and after-treatment technologies• Identify optimal operating strategies in heavy duty engine applications
Project Description (Main Work Packages)	Expected results: <ul style="list-style-type: none">• Robust and well validated advanced combustion and after-treatment simulation tools• Quantified estimates of model reliability• Ability to carry out virtual engineering development to identify optimal combinations of technologies and their operating strategies for emission regulation compliance
Current Consortium (Partners, Organisation Types)	CMCL; Cambridge University; Truck OEM; Catalyst manufacturer
Deadline for Responses	

2. Profile of the Partners Sought

Organisation Type	Large Scale Enterprise
Required Skills and Expertise	Engine OEM; supplier
Role in the project	Provide data, apply model, virtual engineering
Other Requirements	



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3. Project Proposer Information

Name of the Organisation	CMCL Innovations Ltd
Organisation Type	Small and Medium Scale Enterprise
Country	UK
Fields of Activity	Advanced computational modelling solutions to solve engineering challenges in energy, automotive, chemical and materials industries.
Contact Person	Dr Andrew Smallbone
Position in the Organisation	Principal R&D Engineer
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Previous FP Projects Participated	FP6 Eco-Engines

