

FP7 Maritime Transport Brokerage Event 2011 London

Partner Profile Sheet

Name of the Organisation	FUNDACION CIDAUT- Centre for Research and Development in Transport and Energy	
Organisation Type	NOT-FOR-PROFIT PRIVATE FOUNDATION	
Contact Person	Luis Antonio Nieto de la Fuente	Position: European projects manager
Email	luinie@cidaut.es	Website: www.cidaut.es
Address	Parque Tecnológico, parc. 209 E-47151 Boecillo (Valladolid – Spain)	
Fields of Activity	Energy and Environment, Product-Process-Materials and Transport Safety	
Skills and Expertise Offered	<ul style="list-style-type: none"> • Diesel Engines testing and assessment aimed at performance evaluation, fuel consumption and emissions reduction, alternative fuels evaluation, improved design of components and auxiliary equipment. • Hybridization of technologies. Assessment, design and testing of the hybrid powertrain adapted to the particular application; Development of control strategies to increase efficiency and reduce fuel consumption. • Liquid Biofuels production process definition (residual feedstocks such as fish fats, yellow greases, etc.) From laboratory scale and pilot plant experimentation to industrialisation of the entire process and real tests validation in engine benches and captive fleets. • Predictive maintenance and on-line (real time) monitorisation of vehicle on-board systems. Development of equipment for predictive maintenance of energy systems (power plants, fleets fed with alternative fuels, etc); protocol definition and techniques development for predictive maintenance. 	

Supporting Organisations:-



	<ul style="list-style-type: none"> • Hydrogen production technologies development (electrolysis and fuel reforming) and integration of the same in energy and transport applications • Full development of products for the transport sector. This development encompasses not only the product itself but also the manufacturing process and, in special applications, the material. Thus, starting from the original idea or from a simple set of technical requirements, CIDAUT is able to design, prototype and test the product making use of a wide variety of cutting edge modelling and experimental technologies. The maximization of product performance in terms of low weight and high mechanical and/or environmental resistance as well as the minimization of the production cost is always a must.
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<p>Topic(s) Interested</p> <p><i>(Please Select from the following topics open in the 2012 call)</i></p>	<p><u>7.2.1 The Greening of Surface Transport (pg53)</u></p> <p><u>AREA 7.2.1.1. THE GREENING OF PRODUCTS AND OPERATIONS</u></p> <p><input checked="" type="checkbox"/> SST.2012.1.1-2. Assessment and mitigation of noise impacts of the maritime transport on the marine environment</p> <p><input type="checkbox"/> SST.2012.1.1-3. Support to the early implementation of the JPI ‘Healthy and Productive Seas and Oceans’</p> <p><u>7.2.2 Encouraging modal shift and decongesting transport corridors (pg58)</u></p> <p><u>AREA 7.2.2.2. MARITIME AND INLAND WATERWAYS TRANSPORT</u></p> <p><input checked="" type="checkbox"/> SST.2012.2.2-1. Green vessels for efficient logistics chain</p> <p><input checked="" type="checkbox"/> SST.2012.2.2-2. Towards an implementation of the NAIADES Action Areas</p> <p><u>7.2.4 Improving Safety and Security (pg73)</u></p> <p><u>AREA 7.2.4.1. INTEGRATED SAFETY AND SECURITY FOR SURFACE TRANSPORT SYSTEMS</u></p> <p><input checked="" type="checkbox"/> SST.2012.4.1-1. Human element factors in shipping safety</p> <p><input type="checkbox"/> SST.2012.4.1-2. Safety of ships in extreme conditions</p>
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Supporting Organisations:-



	<p><u>7.2.5 Strengthening competitiveness (pg78)</u></p> <p><u>AREA 7.2.5.2. COMPETITIVE SURFACE TRANSPORT PRODUCTS AND SERVICES</u></p> <p><input checked="" type="checkbox"/> SST.2012.5.2-3. Innovative structural and outfitting materials for ships including inland ships</p> <p><input checked="" type="checkbox"/> SST.2012.5.2-5. E-guided vessels: ‘the autonomous ship’</p> <p><input type="checkbox"/> SST.2012.5.2-6. E-Maritime</p> <p><u>7.2.6 Cross-cutting activities (pg85)</u></p> <p><input type="checkbox"/> SST.2012.6-1. ERA-NET ‘Transport III’</p> <p><u>7.2.7 The ‘European Green Cars Initiative’ (pg86)</u></p> <p><u>AREA 7.2.7.3.1. LOGISTICS AND CO-MODALITY</u></p> <p><input checked="" type="checkbox"/> GC.SST.2012.7.3-1. Improve capturing and sharing of transport data in support of innovative freight transport schemes</p> <p><input checked="" type="checkbox"/> GC.SST.2012.7.3-2. Eco-logistics</p> <p><input checked="" type="checkbox"/> GC.SST.2012.7.3-3. Platform for continuous intermodal freight transport strategic research and innovation</p> <p><input type="checkbox"/> GC.SST.2012.7.3-4. Green hubs enabling co-modal network design</p>
<p>Role in a Project</p>	<p>What type of role are you looking for in a project</p> <p><input checked="" type="checkbox"/> Partner</p> <p><input checked="" type="checkbox"/> Workpackage Leader</p> <p><input checked="" type="checkbox"/> Co-ordinator</p>

Supporting Organisations:-

