

Project Profile Sheet

Name of the Organisation	"Ovidius" University of Constantza, Romania	
Organisation Type	University	
Contact Person	Eden Mamut	Position: Director
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Fields of Activity	<ul style="list-style-type: none"> - multi scale thermo-fluid engineering; - advanced energy systems; - highly engineered materials; - sustainable transport systems. 	
Skills and Expertise Offered	<ul style="list-style-type: none"> - thermodynamic modeling of dissipative processes for ship board equipment; - process engineering; - fluid mechanics; - computer sciences and programming; - nanstructured and composite materials; - fuel cells and alternative propulsion systems; - constructal theory; - carbon footprint, LCA; - ecoinnovation. 	

Project Proposal Title	Optimization of Transport Flows in the Eastern European Car Manufacturing Sector for the Reduction of Environmental Impact and Costs
Project Proposal Acronym	OPTIMUS
Topic(s)	GC.SST.2012.7.3-4. Green hubs enabling co-modal network design
Abstract	The aim of the project is to analyze the freight traffic among the car component plants, car manufacturing plants and car distributors from Eastern Europe in order to introduce

Supporting Organisations:-



	innovative solutions to render freight transport more sustainable and to define “Green Corridors” that optimally combine different transport modes whilst demonstrating the potential of reducing costs and negative effects on the environment, including greenhouse gas emissions.
Main Work Packages	<p>WP 1 - Identification of key players, common concerns and best practices</p> <p>WP 2 - Identification of existing transport terminals along the Danube Green Corridor and their key performance indicators</p> <p>WP 3 - Development of an innovative methodology based on Constructal Theory for reshaping the port terminals.</p> <p>WP 4 - Specific approaches of the methodology developed in WP 3 for redesigning the container terminals.</p> <p>WP 5 - Specific approaches of the methodology developed in WP 3 for redesigning RO-RO terminals.</p> <p>WP 6 - Case study</p> <p>WP 7 - Dissemination</p> <p>WP 8 - Project management</p>
Current Consortium	
Partners Required	Transport operators, car manufacturing plants, universities, research institutes, authorities.

Supporting Organisations:-

