

Ref	Project title		Double Inverted Funnel for Interventions in Shipwrecks (DIFIS)					
CONSULTRANS	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
	Belgium/EC	1.850.000 €	5%	3	EC DG TREN	FP6 Budget	2006 - 2009	Marin, Sener, Ifremer, CEA, JRC, ISI, Cybernetics
<b>Detailed description of project</b>						<b>Type of services provided</b>		
<p>DIFIS presents a European R&amp;D Project in the context of the 6<sup>th</sup> Research Framework Programme (FP6) of the European Commission that was conducted in the wake of the prestige accident and that aimed to contribute to mitigate the effects from future oil spills in high sea by means of studying, design (including costing, planning, deployment procedures etc) and validation of an EU reference method for the prompt and cost-effective intervention and remediation of tanker wrecks dealing with eventual leaks and recuperating the fuel trapped in their tanks even at considerable depths.</p> <p>Ultimately it is expected that the outcome from the DIFIS project will be a reference method for the containment and recuperation of hydrocarbons or other fluid pollutants lighter than water from ship wrecks. The specific DIFIS method will be validated from scale model experiments and extensive simulation studies.</p> <p>The project deliverables will consist of:</p> <ul style="list-style-type: none"> <li>• Documentation of the calculations and experimentation results</li> <li>• Detail fabrication drawings of all system components</li> <li>• Document on deployment and operational procedures</li> <li>• Fabrication, deployment and operation costs for some selected scenarios</li> <li>• Tender guideline for the fabrication, deployment and operation of DIFIS</li> </ul> <p>The final aim is that of providing all the necessary documents and tools to be able to rapidly place a call for tender to fabricate and deploy the DIFIS system on an event of a maritime accident such as ERIKA or PRESTIGE.</p> <ul style="list-style-type: none"> <li>•</li> </ul>						<ul style="list-style-type: none"> <li>• European Research</li> <li>• Data Collection / Best Practices</li> <li>• Process Design</li> <li>• Innovation</li> <li>• Cost Benefit Analysis /Market Validation</li> <li>• Dissemination and Marketing Actions</li> </ul>		