

Would you like us to try to find interested companies with your projects ideas, please send us a short project abstract (by the 7th October) which we will display on this webpage under the match-making section.

The match-making concept is only designed to help you to find partners, a coordinator, technology,...

This webpage can be found at: <http://www.aeroportal.eu/ap3callfp7workshop.html>

Project Ideas	
<b>Proposers of the idea:</b>	<b>EAST-4D Carbon Technology GmbH</b>
<b>Type of Organisation:</b> (SMEs, University, Research Center,...)	<b>SME</b>
<b>Call identifier:</b>	<b>FP7-AAT-2010-RTD-1; FP7-AAT-2010-RTD-RUSSIA; FP7-NMP-2010-CSA-4; FP7-NMP-2010-SMALL-4; FP7-NMP-2010-SME-4; FP7-SST-2010-RTD-1; FP7-TPT-2010-RTD-1</b>
<b>Topics called:</b>	<b>Transport (including Aeronautics), new Production Technologies</b>
<b>Funding Instruments:</b>	CP-FP (Small or Medium scale focused research) <input checked="" type="checkbox"/> CSA-CS (Coordinating) <input type="checkbox"/> CSA-SA (Supporting) <input type="checkbox"/>
<b>Project Title:</b>	<b>3D-shaped highly loaded composites using low-cost processing</b>
<b>Project objectives:</b>	<b>Application of low-cost processing technologies for high performance composite structures</b>
<b>Project abstract:</b>  Be concise! Avoid abbreviations  (Max. 3000 characters incl. spaces. Any exceeding words will be discarded.)	<b>High-performance composites for aerospace compete with current metallic solutions. A large field of application are current aluminium and magnesium casting solutions as well as forged steel and titanium structures. For CO2 reduction and efficiency considerations lightweight CFRP solutions are urgently required. The disadvantages of the current state of the processing technologies for CFRP structures are mainly dominated by high cost issues. Especially the fibre lay-up process is a significant cost driver. For complexly shaped 3D-structures new technology approaches should be evaluated within this project, because the 3D geometrical requirement is a bottleneck for future applications of CFRP e.g. for aerospace gear housings, casing and shaft structures with flanges, heavily stressed brackets, rods and fitting structures.</b>
<b>Project structure</b> (WPs, duration,...) *	<b>- selection of demonstrator structures - development of new processing process for highly automated CFRP production considering small aerospace production batches - testing and validation of technology</b>
<b>Estimated budget</b> *	
<b>Project Coordinator</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>What are you looking for</b> (a coordinator, partners, technology, other,...)? Please specify.	<b>coordinator, end-user, textile technology partner, resin specialists, testing partner</b>
The person identified above confirms that the data provided in this form are correct and that <b>permission is given to publish this data in the MatchMaking table located in the Workshop page.</b>	Yes <input checked="" type="checkbox"/>

\* Not Mandatory