

## Form ideas projects:

Matching of project ideas at 5<sup>th</sup> project-day, April 17 -18, Düsseldorf/Germany

1	Title of project proposal	Metal-light: research on the use of metallic structural alternatives for weight reduction in automotive and transport industry
2	Description of Content	This project aims at reducing the overall weight of the vehicle through the use of metallic structural alternatives.
3	Key points and sub-items for the project proposal	<ul style="list-style-type: none"> <li>• Innovative metallic structures,</li> <li>• Mechanic requirements</li> <li>• Weight reduction</li> <li>• Industrial environment</li> </ul>
4	What are the objectives of the project?	<p>Research on usability of innovative metallic structures in automotive/train/airplane parts as a way to reduce weight.</p> <p>Apply the research results in real industrial environment.</p>
5	Anticipated results and benefit	<ul style="list-style-type: none"> <li>• Weight reduction</li> <li>• Energy consumption reduction</li> <li>• CO2 and Nox emissions reduction</li> </ul>
6	Measures for achieving	

	<b>objective</b>	<b>Material and Process research and development</b>
<b>7</b>	<b>Efforts of Initiator</b>	<ul style="list-style-type: none"> <li>• Define different configurations of metallic structures,</li> <li>• Define and test process parameters,</li> <li>• Test overall conformity of resulting parts.</li> </ul>
<b>8</b>	<b>Potential industrial partners</b>	<ul style="list-style-type: none"> <li>- Metal parts manufacturers,</li> <li>- OEM and Tier 1 industries</li> <li>- Raw material suppliers.</li> </ul>
<b>9</b>	<b>Potential research partners</b>	<ul style="list-style-type: none"> <li>- Material and process research centers,</li> <li>- Raw material suppliers.</li> </ul>
<b>10</b>	<b>Initiator/author</b>	
	<b>Company/Organization</b>	<b>AIMME (member of iMAUT)</b>
	<b>First name, last name (title)</b>	<b>Carlos Moliner, Mr.</b>
	<b>Sector/function</b>	<b>iMAUT Manager</b>
	<b>Telephone</b>	<b>0034 696 350 578</b>
	<b>email</b>	<b><a href="mailto:carlos.moliner@gmail.com">carlos.moliner@gmail.com</a></b>
	<b>Postal code and city</b>	<b>46980</b>
	<b>Street</b>	<b>c/. Gustave Eiffel, nº4</b>
	<b>Country</b>	<b>SPAIN</b>

**Rules for posting the project-ideas on <http://www.project-days.com/> and 5<sup>th</sup> project-day April 18, 2012 in Duesseldorf/Germany**

- 1. Registration:** Registration as participant for 5<sup>th</sup> Project-day – go to <http://www.energieregion.nrw.de/kraftstoffe/page.asp?InfoID=10785>
- 2. Quality:** Only qualified proposals will be published – pre-selection via Jury-Members **Layout & Limitation:** A project proposal may only be 2 pages long - according to the following layout: **Idea\_Organization\_Last name\_First name** (Example: Battery\_Company ABC\_Doe\_John)  
eMails to [project-idea@project-days.com](mailto:project-idea@project-days.com)
- 3. Publication Internet before 5<sup>th</sup> Project-Day:** Deadline for internet-publication is April 10, 2012 <http://www.project-days.com/>
- 4. Publication in Project-Lounge:** The project-lounge will be open April 18, 2012 from 08.30 am to 06.00 pm
- 5. Kick-off for Projects after 5<sup>th</sup> Project-Day:** see final session, April 18, 2012 – 05.00 pm
- 6. Elevator Pitch:** Options for Elevator Pitches <http://www.project-days.com/index.php/projects.html> - eMails to: [elevator-pitch@project-days.com](mailto:elevator-pitch@project-days.com)
- 8 email to** [project-idea@project-days.com](mailto:project-idea@project-days.com)