

Form ideas projects:

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

1	Title of project proposal	Auto-biofire: Automotive parts based on natural-origin materials.
2	Description of Content	This project aims at translating to the automotive sector the knowledge and techniques that are being developed for the train sector on the reinforcement with natural origin materials.
3	Key points and sub-items for the project proposal	<ul style="list-style-type: none"> • Natural origin materials, • Introduction of reinforcements produced from natural and renewable sources, • Fire retardant requirements accomplishment and improvement.
4	What are the objectives of the project?	<p>Research is currently being conducted to develop plastic parts with natural fibers reinforcements for train parts production, aiming at an overall improvement of the fire-resistance behavior.</p> <p>The proposed project has the objective to translate these improvements to the automotive sector and to expand it to the general addition of natural materials as reinforcement.</p>
5	Anticipated results and benefit	<ul style="list-style-type: none"> • Improve sustainability of automotive plastic parts production • Improve fire resistance and other selected properties • Increase the content on renewable and/or natural materials

		<ul style="list-style-type: none"> • Reduce oil dependance
6	Measures for achieving objective	Material and Process research and development
7	Efforts of Initiator	<ul style="list-style-type: none"> • Define different configurations of bio-reinforced materials, • Define and test process parameters, • Test overall conformity of resulting parts.
8	Potential industrial partners	<ul style="list-style-type: none"> - Plastic parts manufacturers, - Raw material suppliers.
9	Potential research partners	<ul style="list-style-type: none"> - Material and process research centers, - Raw material suppliers.
10	Initiator/author	
	Company/Organization	AIMPLAS (member of iMAUT)
	First name, last name (title)	Carlos Moliner, Mr.
	Sector/function	iMAUT Manager
	Telephone	0034 696 350 578
	email	carlos.moliner@gmail.com
	Postal code and city	46980
	Street	c/. Gustave Eiffel, nº4
	Country	SPAIN

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

- 1. Registration:** Registration as participant for 5th 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
- 3. Publication Internet before 5th 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 5th 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
- 8 email to** project-idea@project-days.com