

Remanufacturing Possibilities within New Mobility

Climate change and global resource shortages lead to rethinking our classic individual mobility which was based on combustion engines. Following the recent technological improvements, electric vehicles are now well introduced and further market penetration can be expected. But in the perspective of wider use of battery-powered electrical propulsion systems, new challenges arise for both the classic automotive industry and further new players (e. g. battery manufacturers, the power supply industry or other service providers). Due to the various application cases of electric vehicles currently discussed, numerous business models can emerge. This would lead to new shares in the value creation and involve new participating players. Consequently, the individual stakeholders are uncertain as to which business models are most effective with regard to targeting a profitable concept.

S_LIFE project organized their 2nd public conference as an official partner of the eCarTec from 15th to 16th October in Munich 2013. Prof. Dr. Carsten Bückner, one of the speakers and Managing Partner & CEO of BU Bückner Unternehmensgruppe Holding as well as Vice Chairman of Automotive Parts Remanufacturing Association APRA, Lingen (Germany), described in his lecture "Remanufacturing Possibilities within New Mobility" the risk and challenges of the remanufacturing market. He concluded saying that electromobility is going to cause basic technical changes around power units and lead to the development of new products. With these new products, new challenges will arise for the entire vehicle's life cycle. However the risk of an early "electronic total loss" in modern vehicles is, in the perception of the vehicle owner, a great danger in terms of cost effectiveness.

Nonetheless, recycling of raw materials with respect to the reconditioning ability of mechatronic and electrical parts has a sustainable importance for the success of the market penetration of electric vehicles. These new products and parts for electric cars require new remanufacturing strategies as well as car service concepts, so Prof. Bückner.

High-profile experts discussed the future of electric mobility alongside eCarTec Munich in 2013 - the conference for electric and hybrid mobility. Speakers included experts from industry, research and development.

The related trade fairs of eCarTec and MATERIALICA (15th - 17th October, 2013) saw 479 companies presenting their products in the fields of electric vehicles, electronics, energy storage technology, energy and infrastructure as well as lightweight design and smart materials over an area covering 22,000 square meters of exhibition space to over 12,000 visitors.

Published by:
S_LIFE Project
www.s-life-project.eu

Project Leader
Pôle Véhicule du Futur
Hélène PANSARD
European Project Manager
F-68060 MULHOUSE Cedex
E-Mail: hp@vehiculedefutur.com

Project Management
Bayern Innovativ GmbH
Tanja Flügel and Rainer Mayer
D-90403 Nürnberg
E-Mail: fluegel@bayern-innovativ.de

S_LIFE project organized their 2nd public conference as an official partner of the eCarTec Munich 2013. (15th & 16th October) The conference for electric and hybrid mobility presented high profile experts from the automotive industry, research and development.

More information and images you will find on our website:

<http://www.s-life-project.eu/2conference/impressions>

About S_LIFE

S_LIFE project aims at developing the cooperation between European world-wide class clusters in order to help them develop new scientific (multi-disciplinary research environment), economic (new business model covering entire value chain) and coherent structural (RTD and new technologies oriented) greening solutions along the whole automotive value chain.

S_LIFE project has developed strategies and a Joint Action Plan to link, mobilize and coordinate regional resources with more focus on this challenge. After assessing the regional research potential, the project will now share and disseminate best practices through inter-regional joint programmes and suggest appropriate financial support.

S_LIFE comprises 7 partners from 6 countries, Pôle Véhicule du Futur (France), Automotive-BW/RKW Baden-Wuerttemberg GmbH (Germany), Bayern Innovativ GmbH (Germany) with its Automotive and New Materials Clusters, Interface Europe (Belgium), Auto Recycling Nederland (ARN), CEIPiemonte (Italy) and GIZ-ACS, the Automotive Cluster of Slovenia.

The research leading to these results has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 285811.

For more details or if you wish to join one of these actions visit our website http://s_life_project.eu/