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Press release

Placard, cardanol based PVC plasticizer – 12 month project meeting



On 6th February 2015, the consortium of the Placard project met in Serichim premises in Torviscosa to present the latest developments and milestones achieved. This meeting was linked to a visit of Serichim facilities.

The project focuses on the production of the one ton of a new environmental friendly plasticiser for soft PVC by end of the project with a focus on application in construction. It should be obtained by chemical modification of cardanol, industrial grade yellow oil obtained by vacuum distillation of cashew nut shell liquid.

The project and deliverables are in line with the foreseen timeline. The main development is the production of the placard on a pilot scale at Serichim premises. Positive results were reported from Università di Salento that compared properties from different commercial plasticisers.

Kommi, leader of the project, started exploitation activities through the identification of the most relevant target groups for placards products. Dissemination activities in charge of EuPC will be done during different event but to name a few; during the EuPC Annual Meeting in Warsaw and the PRE Annual meeting in Brussels.

The Placard project is financed by Eco-innovation initiative and is expected to last 32 months. The Eco-innovation initiative is part of the EU's Entrepreneurship and Innovation Programme (EIP), set up to support innovation among SMEs and to improve their competitiveness

For more information please contact cip2012.placard@gmail.com or visit <http://www.placard-ecoinnovation.eu>

About consortium partners

Unisalento

The Department of Innovation Engineering of the University of Salento focuses on new technologies and is devoted to promote and to disseminate technology innovation. It is involved in Renewable energies; Materials science and technology; ICT; Bio-applications of materials and ICT; Nanotechnologies; Manufacturing technologies; Robotics; Design and testing in Mechanical and Civil Engineering. Many prestigious results and awards have been and are currently obtained by the Department research staff in several research areas. Research activities are supported by European Union (in the FP5, FP6 and FP7 programs), the Italian Ministry for Education University and Research, regional authority, main Italian research centers (ENEA, ASI CNR, INFN, INFN), private companies. About 100 of staff people and an average of 100 of PhD students and Postdocs are involved in the research activities, of the Department, using the facilities on 1500 square meters of laboratories. On a regional basis the Department in the last years was capable to win about 30% of all supported research projects.

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Serichim

founded in 2006 as a "spin off" of the Research & Process Development department of a major Italian Chemical company - is a Contract Research Organization operating in Italy, specialized in developing chemical synthetic methods and processes devoted to the fine and specialty chemical productions. Based in Friuli (Northern Italy), SERICHIM employs 23 people, most of them having a PhD degree in Chemistry or Chemical & Pharmaceutical Technologies. SERICHIM promotes open innovation by licensing its patents, by knowledge network implementation and by developing chemical know-how and technology according to a tailor made approach to meet customer needs. Main services / products offered are: i) Chemical contract research, patent analysis, feasibility studies, consultancy and technical assistance, analytical services and synthesis process for the pharmaceutical, agrochemical, cosmetics, food, fine chemicals, specialties and additives for polymers, ii) Research and environmental consultancy, iii) Supply of pilot samples, iv) Innovative Continuous Flow Reaction systems (CompactChem® modulus), v) Production of high values / high technological content chemicals, vi) Development of pilot-scale and industrial processes, with a particular focus on "continuous flow production", including environmental impact assessment.

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Kommi

Kommi s.a.s. was established in march 1998, aiming at being a company able to combine experience and attention for details, together with innovation in converting polymeric materials. Given this research and deployment point of view, it has created a new productive unit with modern plants. Kommi's technical office is able to satisfy customer requests immediately giving better customers solutions. Accuracy in the choice of raw materials, together with a scrupulous study of formulations, allows Kommi to produce checked and high standard materials. Very strict quality controls at each single stage of the production process guarantee total product quality, assuring compliance of requested characteristics and, obviously, environment respect. In fact, Kommi s.a.s has been certified UNI - EN ISO 14001:2004. Kommi's production planning, as well as its well-stocked warehouse, allows to meet rapidly both customer requests and unexpected demands. Kommi s.a.s. produces high accuracy printed thermoplastic components, PVC wireworks with different Shore hardness, hard PVC wireworks with or without calibration, thermoplastic rubber wireworks.

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European Plastics Converters is the leading EU level Trade Association, based in Brussels, representing European Plastics Converters. Its powerful European Plastics Network exists to support the beneficial use of plastics worldwide, especially providing plastics converting companies with a voice in European legislation. EuPC now totals about 51 European Plastics Converting national and European industry associations, it represents close to 50,000 companies, producing over 45 million tonnes of plastic products every year. The European plastics industry makes a significant contribution to the welfare in Europe by enabling innovation, creating quality of life to citizens and facilitating resource efficiency and climate protection. More than 1.6 million people are working in about 50,000 companies (mainly small and medium sized companies in the converting sector) to create a turnover in excess of 280 billion € per year.

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