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Opportunità dall'Europa Settore Plastica e Nuovi Materiali

Newsletter realizzata da Unioncamere Piemonte in collaborazione con Proplast nell'ambito della rete **Enterprise Europe Network**, co-finanziata dalla Commissione Europea per sostenere l'innovazione e la competitività delle PMI europee.

Nella pubblicazione troverete una selezione delle più recenti opportunità di collaborazione nel settore della Plastica e dei Nuovi Materiali ed una proposta di eventi internazionali volti a favorire le cooperazioni commerciali, tecnologiche e di ricerca.

Profili di cooperazione internazionale

Per consultare la versione completa dei profili visitate il sito <http://een.ec.europa.eu/>, dove troverete molte altre offerte e richieste di collaborazione a carattere commerciale, tecnologico e di ricerca.

Per avere i contatti delle aziende, università e centri di ricerca che hanno pubblicato il profilo contattare il vostro punto Enterprise Europe Network – Unioncamere Piemonte, innovazione@pie.camcom.it, tel. 848 800 348 -

Industrial Manufacturing Process

Offer: 3D inspection system (TOES20150417001)

A Spanish ICT research center offers an inspection system that applies machine vision to quality control. It is an industrial solution easy to integrate in production processes, capturing images of an object while it is in free fall. The whole volume of the object is reconstructed in 3D in real time. Then, any deviation is efficiently detected. The research organization is looking for partners to establish license agreement, manufacturing agreement, or services agreement.

Offer: Additive manufacturing of new materials with Electron Beam Melting (EBM) (TODE20150521001)

The Chair of Fluid Technology and Microfluidics of a German university is currently developing new metal materials using an electron beam melting system, an additive manufacturing technology by which it is possible to produce complex, three-dimensional metal parts of any composition. Partnership for further development in manufacturing new materials for various applications is sought. Either a technical cooperation agreement or a research cooperation agreement is possible.

Offer: High target utilization sputtering system for high performance coatings (TOUK20150330001)

A UK materials R&D focused SME has patented a high target utilization sputtering system capable of producing high performance thin film coatings which allows low temperature deposition onto plastics, high deposition rates, and low stress coatings for virtually flat thin films on plastics. Industry partners working with flexible electronics, transparent conducting oxides, high rate dielectrics are sought to test the system against their own needs via licensing or joint venture agreements.

Recycling / Energy / Environment

Offer: Technique to remove hazardous substances in waste packaging by supercritical carbon dioxide in the recycling process (TOES20141124002)

A Spanish technology centre is developing a new technique for eliminating hazardous substances from waste polyethylene (PE) packaging to be used for solvents or phytosanitary products. This technique uses a technology that applies supercritical carbon dioxide (sc-CO₂) in the extrusion phase of the plastic recycling process. The centre seeks partners to discuss further research ideas or to establish technical agreements to adapt and implement the technique sharing know-how.

Offer: Interactive tool for the implementation of environmental legislation in nanoparticle manufacturers (TOES20141022002)

A Spanish research centre has developed an tool to support nanomaterials manufacturers companies, in the efficient implementation of the environmental policy and legislation. It mainly consists of an interactive platform for environmental self-diagnosis. The centre seeks partners to discuss further research ideas, to establish technical agreements to adapt the tool to specific requirements or to be subcontracted to assess about procedures and the implementation of the system.

Request: Innovative uses for plastic waste sought (TRUK20150716001)

A Scottish social enterprise which currently handles and recycles a range of waste is seeking innovative ways of recycling plastic, particularly high density polyethylene (HDPE), polypropylene (PP) and polyethylene terephthalate (PET), to produce new products. They would like to collaborate with industry or academic partners who can introduce them to innovative processes through commercial agreements with technical co-operation or license agreements.

Textiles

Offer: Technologies to manufacture advanced textiles for the composite industry (TOES20140328002)

A Spanish research centre has developed deep knowledge and has set up technologies to manufacture advanced textiles for the composites industry. The final materials obtained have all of their properties improved such as the mechanical resistance, burning behavior, aesthetical features and sustainability. The centre looks for partners to establish cooperation lines in research, projects, analysis and characterization services, for further developments and/or applications.

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Request: Improving adhesion of acrylic onto cotton and/or polyester textile (TRUK20150508001)

Summary: The UK branch of an international developer of coating solutions is seeking novel ways to improve the adhesion of acrylic on cotton and polyester textile. Physical and chemical solutions are sought but also assistance with research into the problem. The type of collaboration with academic and industrial parties from textile coating related fields will depend on the stage of development. It may include commercial agreement with technical assistance, licensing, technical cooperation

Building and Construction

Request: High temperature foil/membrane required to laminate insulation materials (TRUK20140422001)

A Scottish materials supplier to multiple industries is seeking a number of high temperature foils or membranes to laminate to their existing range of insulation materials. Ideally any potential solution should be flexible and preferably carry CE marking with independent test data and ISO certification. Commercial agreements with technical assistance, technical cooperation and licensing agreements will be considered.

Automotive and Transport

Offer: Fibrous material and nanofiber coating for acoustic and thermal isolation materials to be used in transport vehicles (OES20150407001)

A Spanish research center has developed light materials and nanofiber coatings with very good acoustic and thermal properties. These materials were firstly applied in buildings, but it has been shown that they are very appropriate for transport vehicles. The center is looking for industry partners interested in testing these materials in their manufacturing and coordinators of European projects searching partners for the role of reducing noise in aeronautics and other transport vehicles.

News & Eventi

Visitate il sito della rete Enterprise Europe Network <http://een.ec.europa.eu/> per ricerca altri eventi e notizie. Per maggiori informazioni e registrarsi contattare il vostro punto Enterprise Europe Network – Unioncamere Piemonte, innovazione@pie.camcom.it, tel. 848 800 348 -

Fakuma 2015, Brokerage Event, October 14th 2015 in Friedrichshafen, Germany

Brokerage event organized in the framework of Fakuma 2015, international trade fair for plastic processing. Pre-scheduled bilateral meetings between potential business, research and/or innovation partners will take place in the Hall 6 Joint Booth Berlin-Brandenburg and thematically guided tours addressing leading subjects such as bio-based materials or 3D printing/digitalisation will be organized. During guided tours format also allows you to get in touch with many companies and research institutes active in your specific field of interest.

Main Topics:

bio-based materials	composites	testing methods and measuring technology
Industry 4.0 (digitalisation)	functional integration	advanced manufacturing (3D printing)
machines and equipment	innovative processing methods	material efficiency and intensive plastics recycling

Participation is free of charge. Registration is open until 1st of October at www.b2match.eu/fakuma2015. For further questions regarding the event please contact Dajana Pefestorff (+49 331 3234, dajana.pefestorff@zab-brandenburg.de)

NMP Istanbul Brokerage Event, October 22th 2015 at the Sabanci University in

Istanbul, Turkey

The brokerage event invites participants from large and small industrial companies, research organizations, universities, and other organizations interested in sharing new project ideas and finding collaboration within the upcoming calls in Horizon 2020 NMPB 2016-17. The Brokerage event mainly focuses on calls for nano technologies, advanced materials and production as well as on calls for factories of the future. The event is being organized by the Sabancı University and Enterprise Europe Network Istanbul.

With the grant received from TUBITAK, we would be able to cover the flight costs (i.e. flight tickets will be purchased by our university) of the selected participants coming from universities and research institutes.

Detailed information for the b2b event in Istanbul is available in the website www.b2match.eu/nmpist2015. For further questions regarding the event please contact Can Kartoğlu (+90 (216) 483 97 13, ckartoglu@sabanciuniv.edu)

Nanotech Italy Brokerage Event, November 26th 2015 in Bologna, Italy

The Nanotech Italy Brokerage Event 2015 will take place during the Nanotech Italy Conference (November 25th to 27th 2015): experts from industry, government and academic laboratories worldwide will meet during the three days event to showcase nanotechnologies and key enabling technologies related innovations and spotlight applications oriented to fields crucial for economic growth and wellbeing.

Nanotech Italy offers the possibility to connect with specialized professionals, learn on research & innovation, KETs for the Made in Italy, build partnerships, discover our exhibition area and promote your products and services thanks to the business matching.

Participation is free of charge. Registration is open until 5th of November at www.b2match.eu/nanotechitaly2015. For more information please contact Luisa Secci (+39 051 6398099; luisa.secci@aster.it).

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