

Sector Group Materials Newsletter

Dear Reader,

welcome to this edition of our completely re-designed newsletter of the Sector Group Materials in the Enterprise Europe Network! The new visual identity is part of the re-launch of the Enterprise Europe Network and enables Network partners to communicate in a uniform way across multiple platforms.

Apart from the design changes, the Sector Group Materials Newsletter provides you with information about new technology offers and requests, as well as business opportunities coming from our European and international partners and clients. Furthermore, you will find information about upcoming Enterprise Europe Network brokerage events related to the materials sector taking place all over Europe!

Since "Industry 4.0" has become a reality and plays a major role in the materials sector, we would like to draw your attention to our special list of "Industry 4.0" events.

Please do not hesitate to contact us, if you wish further information or support.
Enjoy reading this newsletter!

Nicole Okoye
Editor - Enterprise Europe Network Niedersachsen
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About Sector Group Materials

The sector group is a cornerstone in the Enterprise Europe Network (EEN) enabling innovations and building bridges between material research and supply and the other Sector Groups. The Sector Group Materials connects active research, technology and business partners in the wide diversity of the materials sector.

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Sector Group Materials Members



Technology Offers and Requests and Project Partner Search

Full lists of offers, requests and of the local EEN contact points are available at een.ec.europa.eu. Please choose the cooperation offers you are interested in and contact your local EEN contact point to receive more information. We will help you to contact potential cooperation partners.

Industrial Processes / Manufacturing

Request: Textile/paper impregnation manufacturer sought for manufacturing agreement (TRDE20160510001)

The German start-up is engaged in the development, production and commercialization of energy conversion systems and their components. The start-up is searching for an industrial partner who possesses a modular or continuous production line for the textile or paper based material impregnation with different chemicals. A manufacturing agreement is sought.

Request: Technical cooperation partner for the deformation of vulcanized fiber in trapezoidal shape (TRDE20160616002)

A German SME active in the field of material production from cellulose material aims to establish a deforming process for plant fibers in order to develop new products based on the deformed parts. In this context, the SME is looking for a cooperation partner, who has expertise in industrial deformation processes, especially with the trapezoidal shape, and who is able to work with vulcanized fiber.

A technical cooperation agreement is sought.

Offer: French SME has developed an innovation in natural fibres / thermoplastic composites (TOFR20160620001)

The French SME is developing composites of thermoplastic polymers reinforced with short natural fibres. The fibres are heat-treated prior to compounding. With this patented process the parts doesn't emanate any smell and have an increased elastic modulus, thus allowing to design thinner parts which are lighter. The innovative material could be used in many fields and especially in auto industry. The French SME is looking for partners to settle a financial agreement or a manufacturing agreement.

Chemistry / Pharmaceuticals / Medical Applications

Request: Aerosol Bottle Coating for Corrosive Iodine Solution (TRTR20160502001)

A Turkish SME that manufactures and distributes animal health products since 1997 is looking for a coating technology for aluminium or tin aerosol cans that enables safe storage of a corrosive iodine solution. The company is seeking technical collaboration agreements with interested parties for the development of the sought coating technology.

Offer: Spray coating system, thin, uniform and repeatable (TODE2016030200)

A German SME offers an innovative spray coating system including the installation, service and application support. The system can ideally be applied for fuel cells manufacturing, but also in medical technology devices such as stents and patches or other medical applications down to sub-micron scale. The SME seeks companies for a commercial agreement

with technical support.

Business Offer: Distribution/sales partner sought for new antibacterial coating solutions for wide range of applications and surfaces (BODE2016060600)

A German SME specialised in innovative coating solutions has developed a wide range of antibacterial coatings/paints based on a new effective and cost-efficient microsilver technology (no nanosilver is used). The range comprises e.g. wall paints coatings for plastics wood metal and can e.g. be applied in hygiene sensitive areas such as hospitals, schools, public buildings. The SME looks for distribution, commercial agency or franchise agreements but is also open to other types of co-operation.

Recycling / Energy / Environment

Offer: Innovative system for "zero discharge" wastewater treatment in industrial plants (TOIT20160616001)

An Italian manufacturing company, based in Lombardy, has developed and manufactured a proprietary technological system to remove metal ions, emulsified oils, bacteria, colloidal substances and other polluting agents (detergents, salts, etc.) from wastewater in industrial plants. Recovered water can be re-used in the process. The electro-flotation process system is based on a particular electrolytic treatment of aqueous solutions, where a set of electrodic and chemical reactions are triggered together with physical processes: the system leads to the removal of polluting agents without any addition of chemicals. The company is looking for industrial partners with proved expertise in traditional wastewater treatment for industrial applications.

Business Offer: Environmental engineering consultant specialised in life cycle assessment and preparation of environmental product declarations offers support for product development projects for reliable assessment of environmental performance (BODE2016050200)

A German self-employed expert on material and energy flow analysis, life cycle assessment and energy audit offers support and consulting for product development, process optimisation and marketing aspects. The consultant is looking for partners from e.g. building & construction, transportation & logistics, renewable materials, chemical or automotive industry, interested in a service agreement.

Offer: An eco-friendly and low-cost CFRP (carbon fiber reinforced plastics) recycling technology (TOKR20160624003)

A Korean institute is offering an eco-friendly and low-cost chemical recycling methods for epoxy based carbon fiber reinforced plastics (CFRPs) using aqueous solvent with mild recycling condition. The institute is looking for a European partner available for license or technical cooperation.

Offer: Non-destructive strength testing method for building materials (TOLV20160616002)

An university from Latvia has developed mechanical load-bearing building material strength testing method without construction demolition. It can be used to determine the compressive strength of mineral building materials (concrete and ceramic) in building structures and components.

University is looking for technical cooperation agreement.

Business Offer: Producer of high-quality silica seeks partners in the field of water treatment technologies (BODE20151204002)

A German company producing high-quality silica sand, filter sand and quartz gravel is looking for business partners for developing projects in which the product will be used as filter media. These projects could include e.g. the treatment of polluted drinking water, wastewater treatment, pool water processing, well construction or seawater desalination. The desired form of cooperation could be a joint-venture agreement or a manufacturing agreement.

Business Offer: Oil bonding products and new applications for recycled leather granules (BODE20140528001)

A German company producing various oil bonding products based on recycled leather granules is looking for distributors of their products and for partners interested in using the properties of the produced leather granules for other applications or products, such as filters, insulation materials, flooring, fibres etc.

Offer: An Italian start-up is developing an innovative insulating material obtained from composite waste (TOIT20160606001)

The company is an innovative Italian start-up, located in the North-East Area. The company has developed an innovative technology to recycle composite waste to insulating materials. The company is searching for an European manufacturer of components for building, interested to invest in the technology or to make a license agreement. The company is also interested in research cooperation agreements.

Building / Construction

Offer: Non-destructive strength testing method for building materials (TOLV20160616002)

An university from Latvia has developed mechanical load-bearing building material strength testing method without construction demolition. It can be used to determine the compressive strength of mineral building materials (concrete and ceramic) in building structures and components. University is looking for technical cooperation agreement.

Upcoming events

Brokerage event "Technologies for Foundry METAL 2016", 21. September 2016 (Kielce, PL)

The brokerage event "Technologies for Foundry METAL 2016" will be organised on the occasion of the 21st International Fair of Technologies for Foundry METAL. The branch range covered everything what is necessary for foundry engineering. More information: <http://www.targikielce.pl/en/21st-international-fair-of-technologies-for-foundry-metal.6000.d.htm> or contact Sylwia Zieja (+ 48 413680278, s.zieja@siph.com.pl).

Advanced Manufacturing & Materials - Conference & Brokerage Event, 27. September 2016 (Donostia - San Sebastián, ES)

Linked to the Vision2020 Network Meeting that will be

celebrated in San Sebastián, the Advanced Manufacturing & Materials Brokerage Event is the right place to meet Horizon 2020 Key Players both from the Industry and Academia who are looking for potential partners from all over Europe and beyond for the upcoming NMBP & FoF calls. Boost your possibilities of participating in innovative manufacturing and materials technologies oriented H2020 calls. More information: <https://www.b2match.eu/advancedmanufacturing2016> or contact Arturo Anton (+34 9440 37038, aanton@spri.eus).

Meet & Match Event Kunststoffbeurs 2016, 28. - 29. September 2016 (Veldhoven, NL)

Enterprise Europe Network is delighted to invite you to the second Meet & Match event Kunststoffbeurs 2016 during the 18th edition of the Kunststoffbeurs (Plastic Fair 2016). The Meet & Match event Kunststoffbeurs 2016 is an international matchmaking event focused on strengthening ties in European value chain of plastic processing and related researchers, business partners, suppliers and intermediaries. More information: <https://www.b2match.eu/kunststoffen2016> or contact Pero von René de Groot (+31 6224 89038, re.de.groot@kvk.nl)

10th micro & nano event, 29. - 30. September 2016 (Besançon, FR)

The brokerage event takes place in the the heart of an industrial and highly specialised trade-fair Micronora and has been organised every two years since 1998. All the fields concerned by Micro & Nano are concerned as they are transversal and of interest not only for high-tech companies. Micro & Nanotechnologies open up new possibilities in terms of miniaturisation and functionalisation. More information: <https://www.b2match.eu/micro-nano-event2016> or contact Anne-Marie Vieux (+33 3814 74207, amvieux@franche-comte.cci.fr)

Brokerage Event for the Fashion and Textile Industry BALTIC FASHION & TEXTILE 2016, 30. September 2016 (Vilnius, LT)

Enterprise Europe Network, hosted by Vilnius Chamber of Commerce, Industry and Crafts, is pleased to invite you to participate in the International Brokerage Event, which will be organized during the XXV International Fashion, Textile and Innovations trade fair BALTIC FASHION & TEXTILE 2016 on in Vilnius. This international matchmaking event will bring together companies from Lithuania, Nordic and other European countries. More information: <http://baltictextile.eu/vilnius/en/> or contact Rasa Milinaviciute (+370 5213 5450, rasa.milnaviciute@cci.lt).

Brokerage Event @ SALTEX, 5.-6. October 2016 (Dornbirn, AT)

A Brokerage Event will be organized at the 5th Smart Textiles Symposium, which is this year hosted for the very first at the brand new fair "SALTEX - Smart and Light Textiles" in Dornbirn. The Brokerage Event will complement the program of the Fair and the Symposium perfectly regarding efficient matchmaking and networking aspects. More information: <https://saltex.messedornbirn.at/die-saltex/> or contact Mathias

Bertsch (+43 5572 552 52-15, mathias.bertsch@wisto.at).

Academia meets Industry: Nanotechnology & High-Energy Physics - From Material to Innovation, 20. - 21. October 2016 (Darmstadt, DE)

Enterprise Europe Network Hessen offers a matchmaking event as a part of the programme during the conference „Academia Meets Industry: Nanotechnology & High-Energy Physics - From Material to Innovation“ to be held in Darmstadt organised by GSI Helmholtz Center for Heavy Ion Research. The goal of this event is to explore the potential of high-energy physics (HEP) in the wide field of nanotechnology and to foster knowledge transfer and collaborations between academia and industry for development of further innovative technologies and applications in the field of nanotechnology with heavy ions. The event presents latest research, latest applications and brings together international innovative companies and researchers. More information: www.b2match.eu/nanostructureanalytics2016 or contact Olaf Jüptner (+49 611950178473, olaf.jueptner@htai.de).

Industry 4.0 events in the context of the EEN (07-12/2016)

Industry 4.0 Brokerage Event

15 July 2016, Bursa

<https://www.b2match.eu/industry40turkey>

automotive B2B matchmaking event at automechanika

15 September 2016, Frankfurt

<https://www.b2match.eu/automechanika2016>

BROKERAGE EVENT - TECHINNOVATION 2016

20 September 2016, Singapore

www.techinnovation.com.sg

9TH INTERNATIONAL TECHNOLOGY TRANSFER CONFERENCE - R2B meetings

21 September 2016, Slovenia

<https://www.b2match.eu/r2bbrdo2016>

ICT Proposers' Day

26 September 2016, Bratislava

<http://www.b2match.eu/ictproposersday2016>

AAL Forum 2016 Matchmaking Event

27 September 2016, Switzerland

<https://www.b2match.eu/aalforum2016>

Contact-Contract MSV 2016

3 October 2016, Brno

http://kk2016.converve.com/p_index.php?lang=en

BIMU

4 October 2016, Milano

<http://www.bimu.it/en/home>

IoT Solutions World Congress - B2B matchmaking

25 October 2016, Barcelona

<https://www.b2match.eu/iot2016>

Re-industrialisation of the EU 2016

27 October 2016, Bratislava

<https://www.reineu2016.eu>

ICT Cluster and SME mission to Japan 2016

14 November 2016, Tokio

<http://www.eu-japan.eu/events/ict-cluster-sme-mission>

EU News

SME-Instrument: Results of the 2nd cut-off date in 2016 for phase 1 have been published

The European Commission has published the results of the 2nd cut-off date for Horizon 2020's SME-Instrument phase 1. Overall, 2,005 applications have been submitted. Most of them were submitted by Italy with 401, followed by Spain with 372, Great Britain with 206, Germany with 93 and France with 69 applications. Based on 1,981 evaluated applications, of which 166 will be funded, a success rate of 8,4 % can be stated. The next deadline for phase 1 is on September 7, 2016. More information: ec.europa.eu/easme/en/horizons-2020-sme-instrument.

New European Commission web tool helps SMEs to innovate

The European Commission has launched a new tool making it easier for Small and Medium-sized Enterprises (SMEs) to access state-of-the-art technological services across Europe. This tool allows finding technological service centres active in the field of Key Enabling Technologies (KETs) that can help SMEs in speeding up the commercialisation of their innovation by providing a broad range of services such as assistance with prototyping, testing, upscaling, first production and product validation. Key Enabling Technologies (advanced manufacturing and materials, industrial biotechnology, micro-/nanoelectronics, photonics and nanotechnology) are the game-changing technologies providing the basis for innovation for a wide range of advanced products and processes across all industrial (emerging and traditional) sectors. More information: <https://ec.europa.eu/growth/tools-databases/ketsobservatory/kets-ti-inventory/map>.

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