

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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Dear Reader,

summer and vacation times are over, so the members of the Enterprise Europe Network will be organizing various matchmaking events all over Europe this autumn.

The Sector Group Materials would like to inform you about the upcoming brokerage events and fairs related to the materials sector.

Furthermore, this edition contains the latest cooperation profiles in the field of materials science and business.

Enjoy reading this newsletter,

Your Sector Group Materials

een.ec.europa.eu



Upcoming Brokerage Events

Industrial Innovation Days – 3rd–4th October (Brussels, BEL)

Brokerage Event ZEPS B2B 2017 – 4th Oct. 2017 (Zenlca, BIH)

European Conference on Fire-safe Textiles and Plastics, – 12th–13th October (Gent, BEL)

Meet, Match and Make Business at FAKUMA 2017 – 18th Oct. 2017 (Friedrichshafen, DEU)

Brokerage Event for the Fashion and Textile Industry BALTIC FASHION & TEXTILE 2017 – 20th Oct. 2017 (Vilnius, LTU)

Manufature 2017: Moving up the Value Chain – 24th – 25th Oct. 2017 (Tallinn, EST)

INNOVATE 2017 Match – 8th–9th Nov. 2017 (Birmingham, GBR)

Brokerage Event at formnext – 14th–17th Nov. 2017 (Frankfurt, DEU)

Second edition of International Industrial Bridge – 23rd Nov. 2017 (Szczecin, POL)

CERÁMICA INNOVA – 6th Technology-Business Networking Event, 5–9 February 2018 in (Valencia, ESP)

For detailed information, see p. 3.

EU NEWS

Key lessons from national industry 4.0 policy initiatives in Europe

Companies transitioning to Industry 4.0 are facing challenges in adopting new technologies. 14.0 policies aim at the improvement of technological skills as well as an increase in productivity and competitiveness. These national policies differ in a range of aspects, though. The [report](#) therefore points out differences between national I4.0 policies of Spain, UK, France, Italy, Germany, the Czech Republic, Sweden and the Netherlands, and the lessons that can be learned.

Source: European Commission

EU-Ukraine Association Agreement fully enters into force

The Association Agreement, including its Deep and Comprehensive Free Trade Area (DCFTA), is the main tool for bringing Ukraine and the EU closer together: it promotes deeper political ties and stronger economic links, as well as respect for common European values. The DCFTA provides a framework for modernising Ukraine's trade relations and economic development by opening up markets and harmonising laws, standards and regulations with EU and international norms.

Source: [European Commission](#)

Sector Group Materials Members



Cooperation Offers and Partnering Opportunities

The database with all cooperation offers and the list of the local EEN contact points are available at een.ec.europa.eu.

Industrial Processes / Manufacturing

Request: Outsourcing the manufacturing of wooden products to an experienced woodworking company (BRUK20170613001)
A British company specialising in the provision of high end bathrooms is looking for a joinery or cabinetmaking company to manufacture a range of traditional toilet seats and vanity units. The company is looking for a partner with traditional skills but a dynamic approach to innovation and development of products with which to work actively.

Request: Manufacturing of MDF and MFC (chipboard) cabinets and vinyl wrap technology for the drawer fronts (BRUK20170512001)

The UK company supplies furniture for a wide range of demanding environments and is looking for a manufacturing partner to produce flat panels for cabinets made of MDF and vinyl wrap drawer fronts as well as MFC (chipboard) flat panels for cabinets.

Offer: German producer of woodworking and milling machines is looking for a distributor, sales agent or trade intermediary in Scandinavia (BODE20170811001)

A German company specialises in designing and building edge-trimming and profile milling and woodworking machinery. The company is looking for partners acting as sales agent, distributor or trade intermediary in Scandinavia with good know-how of the Scandinavian market. The company is looking for partners to assist them in entering new markets with these products based on a commercial or distribution service agreement.

Request: Suppliers of ringless pistons and pneumatic valves
Suppliers of ringless pistons and pneumatic valves are urgently sought by a UK SME that has recently been awarded funds for a project to take a new engine design to market. For further information please contact Andy Hebb a.k.hebb@gre.ac.uk

Ceramics / Plastics

Offer: Multi-hit resistant ceramic element for personal safety application and manufacturing process (TOIT20170620001)
An Italian SME developed a patented technology to manufacture lightweight devices made of ceramics and resistant against multiple threads and hits to be used for personal protections. The company is looking for partners worldwide operating in the civil and defence sectors. The company is interested in licensing the patent to industrial partners either through exclusive or non-exclusive licence agreements, or in the context of technical cooperation agreements.

Request: Ceramics company sought to manufacture a range of traditional sanitary ware (BRUK20170427001)
The British company is looking to work with an experienced ceramic manufacturer to generate a range of sanitary ware for the national market via either an outsourcing or manufactu-

ring agreement. The items, which will include basins, bidets, w/c pans and cisterns will be of a traditional style.

Metals

Request: Graphite flakes as cathode material in rechargeable aluminium chloride-graphite batteries for grid-level stationary energy storage (TOCH20170614001)

A Swiss university developed a new manufacturing process for aluminium chloride-graphite batteries. The improved performance of the graphite cathode increases the energy density and the use of cheap and abundant raw materials decreases the manufacturing costs. The university is looking for industrial partners in the field of battery production, more specifically for large stationary storage units, interested in licensing the technology, developing a market-ready product and introducing the product to the market.

Request: Manufacturing partner for manual sheet metal working machines sought (BRUK20170607001)

A UK engineering company is looking to outsource the manufacture and assembly of their manual sheet metal working machines which are produced in a range of sizes and capacities. They are looking for a tool manufacturing partner to fabricate them for a long term working relationship. All products will need to meet the appropriate CE standards as specified by the company.

Request: Innovative coating and finishing technologies for zinc, brass, aluminium in hardware (TRUK20170822001)

The UK arm of an international manufacturer of engineered mechanical fixtures and hardware components is seeking innovative materials and methods for coating and finishing. Solutions may include either coatings with improved durability, performance, aesthetics and sustainability, or alternative processes. Demonstrable solutions are sought from academia and industry dealing with materials science, under licensing or technical cooperation agreement.

Surfaces / Nanostructures / Biotechnology

Request: Software developer in medical technology sought for Eurostars project (RDDE20170821001)

A German company specialised in measurement and sensor technology is looking for a software developer to join a Eurostars project, which is concerned with a more reliable instrument for non-invasive blood-pressure measurement. The software developer should have experience the area of medical applications and capable of developing a software that can be integrated into a prototype.

Request: A French company offers biodegradable, edible and printable organic plastics made from cow milk protein through technical and research collaboration agreements (TOFR20161223001)

The French SME has developed organic thermoplastic pellets based on milk protein with a large variety of properties such as water solubility, edibility and biodegradability. The technology has various industrial applications (detergent, agrochemicals, food, cosmetics, medical, etc). Hence, they are looking for partners from these industrial sectors wanting to implement the technology into their industrial processes through technical or research cooperation agreements.

Composites & Chemicals

Request: French SME is looking for a supplier of wood wool bales (BRFR20170803001)

The French SME has developed organic thermoplastic pellets based on milk protein with a large variety of properties such as water solubility, edibility and biodegradability. The technology has various industrial applications (detergent, agrochemicals, food, cosmetics, medical, etc). Hence, they are looking for partners from these industrial sectors wanting to implement the technology into their industrial processes through technical or research cooperation agreements.

Request: A large German chemical company is looking for technologies in catalytic oxidation of methane to carbon dioxide at low temperature (TRDE20170911001)

A German chemical company is seeking new robust catalytic technologies for the oxidation of low concentrations of methane under varying conditions. The challenge is to design highly active catalysts at lowest-reachable temperatures with good poison-resistance. Contact: olaf.jueptner@htai.de

Upcoming Events

Industrial Innovation Days – 3–4 Oct 2017 (Brussels, BE)

The main upcoming challenges for the next work programme on Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology will be explained. The brokering sessions will give you an opportunity to network with 1200 delegates coming from industry, small and medium sized enterprises, research, academia, and national and regional authorities, that are expected to participate. [Website](#)

ZEPS B2B 2017 – 4 Oct 2017 (Zenica, BIH)

The matchmaking event will take place during the International 24th General B&H fair ZEPS and 14th International Metal Fair ZEPS Intermetal. Therefore, the topics revolve around the metal sector as well as topics from other sectors, such as the wood industry, construction etc. [Website](#)

European Conference on Fire-safe Textiles and Plastics, – 12 –13 Oct(Gent, BE)

As part of a congress on fire-safe textiles and plastics there will be a brokerage event for companies, corporations, researchers, architects, authorities etc. The focus lies on the production and distribution of fire-retardant fibres. [Website](#)

Meet, Match and Make Business at FAKUMA 2017 – 18 Oct 2017 (Friedrichshafen, DE)

The world of plastics processing meets at FAKUMA 2017. Main topics:

- Biopolymers, Injection moulding
- Extrusion, Automation
- Thermal and Forming technologies

- 3D printing, Composites
- Machines and Equipment, Tool systems
- Energy efficiency
- Industry 4.0

[Website](#)

Brokerage Event for the Fashion and Textile Industry BALTIC FASHION & TEXTILE 2017 – 20 Oct 2017 (Vilnius, LT)

The main sectors of the event include fashion and style, textile and raw materials, leather, machinery and technology. Companies from Lithuania, Nordic and other European countries have the opportunity to find new business partners.

[Website](#)

Manufature 2017: Moving up the Value Chain – 24 – 25 Oct 2017 (Tallinn, EE)

Manufature 2017 will focus on smart manufacturing, Industry 4.0, Factories of the Future, Robotics and the Internet of Things and smart products. It will take place during the Estonian EU Presidency and is co-funded by the EU's Horizon 2020 Research & Innovation Programme. Participation is not open to the public, but you can apply for an invitation. [Website](#)

INNOVATE 2017 Match – 8 - 9 Nov 2017 (Birmingham, GB)

This international brokerage event at the heart of INNOVATE 2017 is organised by the Enterprise Europe Network and offers unparalleled opportunities for strategic collaboration on a global scale. You can book international meetings with creators, investors and entrepreneurs. Furthermore there are free tickets available for International Delegates. [Website](#)

formnext – 14 - 17 Nov 2017 (Frankfurt, DE)

Formnext is the leading tradefair for additive manufacturing and the next generation of intelligent manufacturing solutions. It focuses on the efficient realization of parts and products, from their design to serial production. [Website](#)

Second edition of International Industrial Bridge brokerage event – 23 Nov 2017 (Szczecin, PL)

The event focuses on the maritime, metal and transport & logistic sectors. It is a meeting platform for companies including start ups and researchers from and around these sectors of industry. [Website](#) (contact person: Tomasz Łyżwiński, tlyzwinski@zut.edu.pl)

CERÁMICA INNOVA – 6th Technology-Business Networking Event, 5 – 9 Feb 2018 in (Valencia, ES)

CERÁMICA INNOVA is an international networking event celebrated in the framework of the well-known CEVISAMA trade fair, and aimed to connect companies and organizations from the habitat, construction, architecture and ceramics sectors, fostering meetings among them to share innovative technological proposals and to discover solutions for new challenges. For more information and registration please contact [Elena Cortés](#).

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