

# network

## enterprise europe

### Newsletter Sector Group Materials

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Editorial

Dear Reader,

welcome to the third edition of the Sector Group Materials Newsletter in 2016!

What is expecting you in this newsletter?

This 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.

Besides, you will find information about upcoming EEN brokerage events related to the materials sector taking place in the UK, France, the Netherlands and Greece.

Finally, we would like to draw your attention to one other matter: the mobility programme TECNIOspring. You will find more information about this programme in our news section.

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

Leibniz Universität Hannover

#### Sector Group Materials

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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UNIVERSITY of GREENWICH

Wir fördern Wirtschaft.

ZAB ZukunftsAgentur Brandenburg



Netherlands Enterprise Agency

# Technology Offers and Requests and Project Partner Search

Full lists of offers, requests and of the local EEN contact points are available at <http://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

### **Business Offer: A manufacturer of magnets for industrial use is looking for commercial and manufacturing partners abroad (BOUK20160411001)**

A company, established in the UK and Israel, designs and manufactures permanent magnets, electromagnets, and magnetic systems for use in all types of industry according to client's specifications and requirements. Operating own laboratory and engineering department, the company can offer R&D and quality control services in this domain. Aiming at further growth, the company is looking for new manufacturing and commercial partnerships abroad.

### **Business Offer: UK manufacturer of hybrid liquid waterproofing system is looking for agents and distributors (BOUK20160106006)**

The UK company has developed the product, a liquid membrane that becomes like rubber once in contact with the air and hardens, but because it has a mix of cement within it, the compound has tremendous strength with flexibility. The company is looking for agents or distributors to promote and sell the product to water treatment companies that have need of such a coating.

## Chemistry / Pharmaceuticals / Medical Applications

### **Offer: Novel protective headgear reacts to blunt trauma by triggering an interior cooling system, to reduce brain injury (TOUK20160112001)**

A UK company has developed a patented device modelled inside protective headgear (helmets) that automatically reacts to major blunt trauma by triggering a strongly endothermic (cooling) response. The device reduces brain swelling in the event of an accident and has a wide range of applications. They are seeking motorcycle, sports (equine, snow), military, paramedic/hospital or healthcare companies to co-develop the innovation to new applications via joint ventures and manufacturing agreements.

### **Offer: German manufacturer of tantalum equipment and components is looking for sales representatives to the chemical and pharmaceutical industry in Sweden, Finland, Norway, Denmark (BODE20150902001)**

A specialized German manufacturer of a broad variety of tantalum-based products and services is looking for sales representatives in Scandinavia. The international company has long experience in building high quality products such as custom-built heat exchangers and accessories. The huge expertise of employing tantalum is a key focus of the company. The partner sought should have established very good sectoral contacts.

## Recycling / Energy / Environment

### **Offer: A German SME offers innovative lubricants that reduce friction and increase energy efficiency of industrial machines and wind turbines (BODE20140319001)**

A German SME develops, produces and sells special lubricants that

reduce friction and increase the energy efficiency as well as the lifetime of industrial machines and wind turbines. The company is looking for agencies, representatives or distributors for their products in Europe, India and USA.

### **Business Offer: UK company manufacturing energy saving building membranes for construction and agricultural units is looking for agents and distributors (BOUK20160412005)**

The UK company manufactures a range of reflective foils, solutions to meet the thermal insulation performance requirements for agricultural buildings. They are looking for agents and distributors across Europe to sell their high performance membranes to the poultry and other livestock building markets.

## Upcoming events

### **H2020 European Brokerage Event: Materials & Nanotechnology, Process Industries & Manufacturing, 15th June 2016 (Birmingham, UK)**

The Enterprise Europe Network in partnership with the National Contact Points for NMP and the Knowledge Transfer Network invite you to participate in an exclusive UK launch event and international partnering platform to kick off the 2017 H2020 NMBP round of calls. The afternoon brokerage event will allow you to expand your international network and create strong consortia through scheduled one-to-one meetings. Participants will also have the opportunity to meet with National Contact Points, the Knowledge Transfer Network, Innovate UK and the Enterprise Europe Network.

The event will target upcoming calls in the following thematic fields:

- Advanced Manufacturing and Processing (NMP)
- Nanotechnologies and Advanced Materials
- Factories of the Future (FoF) & ICT Robotics
- Energy-efficient Buildings (EeB)
- Sustainable Process Industries (SPIRE)
- Bottom-up topics (Fast Track to Innovation, SME Instrument)

For more information and registration visit: <https://www.b2match.eu/h2020nmp2016> or contact Jay Gohil ([jgohil@cad.coventry.ac.uk](mailto:jgohil@cad.coventry.ac.uk)).

### **International Environmental B2B meetings, 15. - 16th June (Lille, FR)**

This matchmaking event is a unique platform for SMEs, start-ups and larger companies as well as research institutes and clusters to find new business partners, initiate international co-operation and share innovative technologies in an efficient way.

Relevant topics:

- Recycling and circular economy
- Recycled and natural materials
- Water treatment
- Polluted soils and sediments' treatment
- Life Cycle Assessment (LCA)
- Renewable energy
- Energy efficiency
- Eco-building and eco-materials etc.

For more information and registration visit: <https://www.b2match.eu/2016-international-ecotechnologies> or contact Sébastien Carpentier (+33 3 20 63 68 00, [s.carpentier@norddefrance.cci.fr](mailto:s.carpentier@norddefrance.cci.fr)).

### **Workshop: Application and Proposal Writing for the SME Instrument, 22nd June 2016 (Osnabrück, DE)**

The one-day event is aimed at SMEs in Germany who are planning

to submit an application in the SME instrument. Potential applicants will be qualified, to increase the chances of a successful proposal. Registration form and more information at: <http://www.nks-kmu.de/service-veranstaltungen.php?id=929&#viewanc> or contact Pero von Strasser ([p.von-strasser@hs-osnabrueck.de](mailto:p.von-strasser@hs-osnabrueck.de), +49 541 / 9693681)

### Industrial Technologies 2016 Matchmaking, 23rd June (Amsterdam, NL)

Industrial Technologies is the largest networking conference in the field of new production technologies, materials, nanotechnology, biotechnology and digitalisation in Europe. The Industrial Technologies 2016 conference concentrates on exploiting new industrial technologies in creating a smart Europe. Enterprise Europe Network organises at Industrial Technologies 2016 a matchmaking event. The main topics include:

- Additive manufacturing
- Advanced manufacturing and processing
- Advanced materials
- Nanotechnology and nano-enabled production
- Digitalisation of the industry and connected factories
- Robotics
- Sustainable and efficient production through renewable feedstock & industrial biotechnology
- Network centric production
- Flexible and reconfigurable production
- Servitisation of production
- Resource efficient production processes
- Electrification of process industry

For more information and registration visit: <https://www.b2match.eu/industrialtechnologies2016> or contact Nils Haarmann (+31 88 602 5843, [nils.haarmann@rvo.nl](mailto:nils.haarmann@rvo.nl)).

### 4th Hellenic Forum for Science, Technology and Innovation, 13th July 2016 (Athens, GR)

The Forum is organized for the 4th consecutive year by NCSR "Demokritos" and is under the Auspices of the Hellenic Ministry of Foreign Affairs, aiming to act as a meeting point for Science, Technology and Innovation. During the 5 days of the Forum, world renowned speakers from all around the globe will discuss global scientific developments and each day several parallel sessions will take place. The Brokerage Event is addressed at Academics, SME R&D professionals, Business development managers, and post-doctoral students that are active in the areas of:

- Information and Communications Technology (ICT)
- Nanotechnology
- Energy and Environment
- Life sciences

For more information and registration visit: <https://www.b2match.eu/hellenicforum2016> or contact Mr. Vassilios Argyroulis (+30 210 3607690, [argyroulis@help-forward.gr](mailto:argyroulis@help-forward.gr)).

## EU News

### New EU public procurement rules applicable

As of the 18th April 2016 Member States and their public authorities must comply with the three Directives on public procurement and concessions adopted in 2014. New rules on public procurement contracts profoundly change the way EU countries and public authorities spend a large part of the €1.9 trillion used on European public procurement every year. The revised European legislation for

over 250 000 public contracting authorities is designed to open up the EU's public procurement market to competition, prevent 'buy national' policies and promote the free movement of goods and services. The reform has changed things in four main areas: reducing administrative burden, creating a culture of integrity, addressing societal challenges, and modernising public administrations. Source: [http://ec.europa.eu/growth/tools-databases/newsroom/cf/itemdetail.cfm?item\\_id=8776&lang=en&title=New-EU-public-procurement-rules-applicable-from-today](http://ec.europa.eu/growth/tools-databases/newsroom/cf/itemdetail.cfm?item_id=8776&lang=en&title=New-EU-public-procurement-rules-applicable-from-today)

## News from the Sector Group

### Presentation: Significant materials infrastructure in member regions

#### GSI Helmholtzzentrum für Schwerionenforschung GmbH, (Darmstadt, DE)

This large-scale research facility in the area of heavy-ion R&D hosts more than 1,000 researchers from around the world and 200 master and doctoral candidates each year. The facility is known to have discovered six new chemical elements as well as a new type of tumor therapy using ion beams. It is also the location where a new international accelerator FAIR is built (Facility for Antiproton and Ion Research) is built.

The developed tumor therapy with ion beams is precise, highly effective and very gentle for the patients and has been used on more than 440 patients so far. It is in routine use by the Heidelberg Ion Beam Therapy Center. A second application of GSI's results is a handheld device detecting landmines with the help of gamma spectroscopy. A third application derives from the vast volumes of data generated by the accelerators and other large-scale instrumentation – not only is there a high-performance computer clusters for all kinds of calculations and simulations. There also is a very fast algorithm to process four-dimensional data into a closed hypersurface. Possible uses could be in MRT and CAT scanners, the calculations of relativistic fluid model simulations or even graphics in computer games.

GSI offers support and cooperation in the following areas of expertise:

- Physical Measurement Techniques
- Nanotechnology and Material Science
- Information technology
- Accelerator Techniques

More information: [www.gsi.de/en](http://www.gsi.de/en). Local EEN contact and author: Olaf Jüptner ([olaf.jueptner@htai.de](mailto:olaf.jueptner@htai.de)).

### TECNIOspring: Tech transfer through researchers' mobility:

TECNIOspring PLUS Fellowship Programme is proposed by ACCIÓ, the Catalan Agency for Business Competitiveness, of the Government of Catalonia. The mobility programme will provide financial support to catalan TECNIO centres / companies to offer 2-years employment contracts to experienced researchers in order to develop an applied research project.

With a budget of 10 million euros (50% EU contribution) and a duration of 5 years, TECNIOspring PLUS programme will fund 72 fellowships between 2016 and 2020, offering them high-quality professional opportunities, with living allowance plus mobility allowance, through its two types of mobility schemes: incoming and outgoing+return.

- Incoming: The incoming phase consist in a two-year stay of an experienced researcher on an eligible centre or company of his choice to carry out an applied research project in order to develop their competences, in particular in terms of technology transfer

expertise.

- Outgoing+return: The outgoing phase consists in a one-year stay at any research, technological centre or company outside Spain, acting as host organisation abroad. The return phase consist in a one-year stay at the eligible centre or company of the fellow's choice, acting as home host organisation.

The programme will enhance fellows' personal development career plan including research and training activities on technology transfer, complementary soft skills and entrepreneurship. Engagement activities will be foreseen as well with the aim of creating awareness among the general public of the research work and its implications for society.

TECNIOspring PLUS fellowship programme is co-financed by the European Union through the Marie-Slodowska Curie Actions "Co-funding of regional, national and international programmes (COFUND)". More info at [www.tecniospring.eu](http://www.tecniospring.eu)

Contact: Elsa Luciani ([eluciani@gencat.cat](mailto:eluciani@gencat.cat))

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