

## TECHNOLOGY TRANSFER E-BULLETIN

Date: 05.11.2018



### CHINA

TOCN20180823001

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A Chinese company engaged in the research and production of clad metallic materials is looking for clients under services agreement or technical cooperation agreement, or research institutions under research cooperation agreement. Explosive cladding yields metallic bonds and multilayer cladding at lower cost and less pollution.

### GERMANY

TODE20170711001

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A German research institute, specialized on metrology, has developed an improved solution for the calibration of flow sensors. Laser-Doppler Anemometry (LDA) is an optic, therefore contactless procedure for velocity measurements in liquids. LDA enables the calibration of flow sensors. The developed procedure reduces the insecurity of the determination of the volume flow considerably and even under conditions where state-of-art solutions fail. The research institute is searching for licensees.

### SPAIN

TOES20180831001

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A Spanish Biomedical Research Institute has developed a wound dressing for abdominal viscera protection in negative-pressure wound therapy that prevents adhesion to the internal organs tissues of the abdominal wall and optimizes the drainage capacity and distribution of negative pressure therapy. The Institute would like to talk to companies interested in commercializing this wound dressing, a services agreement or in a research cooperation agreement to develop it.

### IRELAND

TOIE20180522001

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An Irish SME has developed a "top and bottom", dual-arm, safe circulatory air-flow, drying/warming device, with (optional diffuser), radiant infra-red energy treatment application. The company is offering a license to a manufacturer of products related to animal husbandry and welfare.

### POLAND

TOPL20180924001

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A Polish research institute specializing in robotics and automation offers custom-made industrial robots. The robotic assembly can be used with a very wide range of components and applications, ensuring high efficiency and high repeatability. The Polish Institute is looking for commercial agreements with technical assistance primarily in the fields of automotive and metal processing, to develop robots for new applications or with unusual features.

### UKRAINE

TOUA20180316002

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A Ukrainian institute is looking for SMEs interested in buying equipment technology for the production of thermo-expanded graphite. The plant size is significantly reduced. The high-quality thermo-expanded graphite can be used in metallurgy, agglomeration, mechanical engineering for heat resistance, petrochemical industry, etc. The institute is looking to offer a licensing agreement to companies from the above mentioned sectors.

**UKRAINE** [TOUA20180830001](#) [Full text here](#) [Request the address](#)  
A Ukrainian private company with its own experimental sites develops, uses and offers technology to improve the efficiency of agricultural enterprises by reducing fuel costs, fertilizers, labor costs, time, spare parts, and reducing depreciation costs. The authors are looking for partners to implement this technology. The company offers long-term cooperation under a commercial agreement with technical assistance.

**UKRAINE** [TOUA20180908001](#) [Full text here](#) [Request the address](#)  
A Ukrainian IT design company has experience with a variety of projects. The company is in the process of making an online tool that helps create a smart economy in furniture, architectural and construction sectors. The tool is designed to solve the problems of 3 audiences: end-users, interiors/furniture manufacturers, architects, and designers, in a collaborative manner. The company seeks investors to establish financial agreements.

**GREECE** [TOGR20181012001](#) [Full text here](#) [Request the address](#)  
A Greek company specialized in the field of biomedical engineering is offering two innovative portable systems for in-vivo imaging of radiolabeled biomolecules and nanoparticles. Both public and private partners, of any size, active in the market of molecular imaging are sought with an interest in establishing a commercial agreement with technical assistance or joint venture agreement.

**GREECE** [TOGR20180907001](#) [Full text here](#) [Request the address](#)  
A Greek research institute is offering its expertise and tools for blockchain. The institute could satisfy the needs of companies or other researchers for acquiring blockchain services in several application areas. The main advantage of the offering is the deep knowledge of the topic as well as the ability to provide specialized and integrated services. The institute is looking for those recipients for technical or research cooperation agreements.

**SPAIN** [TOES20180918002](#) [Full text here](#) [Request the address](#)  
An Andalusian University in the south of Spain has developed a kit of GAL (1-15) in combination with a serotonin reuptake inhibitor (SRI), which is able to cause an elevation in the level of extracellular serotonin for depression treatment and other anxiety-affective-eating-cognitive disorders. They are looking for pharmaceutical companies that want to enter into a licensing agreement or alternatively technical agreement.

**GERMANY** [TODE20180925001](#) [Full text here](#) [Request the address](#)  
A German SME specialized in the production of metal foams has developed a method to produce open-cell hybrid metal foams at competitive prices. These foams have improved structural and functional characteristics: lightweight, energy absorbing, filtering, damping, shielding and more. They are interesting to numerous application fields, e.g. automotive, aerospace, defense or architecture. Partners to enter markets based on manufacturing, technical cooperation or financial agreements are sought.

**SPAIN** [TOES20180917001](#) [Full text here](#) [Request the address](#)  
A Spanish SME has developed a desalination process that allows to obtain distilled water and to recover dried salts from saline water. The desalination succeeds by means of compression, heating and injection mechanisms. This technology is very energy efficient and the maintenance costs are very low comparing with the reverse osmosis technology usually used for desalination. The SME is interested in a manufacturing or a technical cooperation agreement.

**AUSTRIA** [TOAT20181009001](#) [Full text here](#) [Request the address](#)  
An Austrian small scale enterprise owns and develops a novel hemoglobin complex (initially used as an oxygen carrier in the human blood) for various in-vitro and in-vivo application areas. The hemoglobin complex is characterized by a high oxygen carrying capacity, purity, safety and functionality. The developers are looking for partner companies who need specific oxygen carriers. In this sense a technical cooperation, a commercial agreement or a license agreement is sought.

**CZECH REPUBLIC**                      [TOCZ20180904004](#)                      [Full text here](#)                      [Request the address](#)  
A Czech university developed an electricity generating system, designed for utilization of waste heat produced in various industrial processes. The system is designed to utilize waste heat of a relatively low quality. The university is looking for industrial partners specialised in business related to manufacturing of steam turbine systems and offers license agreements.

**CZECH REPUBLIC**                      [TOCZ20180904006](#)                      [Full text here](#)                      [Request the address](#)  
A Czech university developed a universal accumulator powered traction unit which enables reliable and safe operation in hazardous environments where there is a danger of explosion of methane and/or coal dust. The university is looking for an industrial partner which would be able to use the unit, under a license or research cooperation agreement.

**UKRAINE**                                      [TOUA20180925001](#)                      [Full text here](#)                      [Request the address](#)  
The enterprise is looking for an investor for the sale of the license and further cooperation on the placing the device of the wave energy converting on the market based on manufacturing and/or commercial agreement with technical assistance. The superior technology was patented in Ukraine, patent applications were filed in the US, Canada, and the EU countries. The prototype is made in full size and went overall sea tests. The proven efficiency of technology is more than 70%.

**RUSSIA**    [TORU20180828001](#)                      [Full text here](#)                      [Request the address](#)  
A university from Russia represents the manufacturing technology oral administration system of drugs into the blood. The system is designed for use in combination with drugs that have otherwise low oral bioavailability, meaning almost none of the consumed drug reach bloodstream (e.g. insulin). Industrial pharmaceutical companies are sought as potential partners under the commercial agreement with technical assistance and research cooperation agreements.

**GERMANY**    [TODE20180925002](#)                      [Full text here](#)                      [Request the address](#)  
A German SME active in the photonic sector with focus on smart measurement and communication solutions has developed a light communication and positioning system for e-mobility - enabling last few meter guidance. Briefly, the solution combines infrared and video data to facilitate accuracy to a few millimeter. The company is looking for partners to develop the product towards serial production. Commercial agreement with technical assistance, licence agreement or technical cooperation are sought.

**SPAIN**    [TOES20181018001](#)                      [Full text here](#)                      [Request the address](#)  
A Spanish tech-based company has developed a motion and navigation open platform for the GNSS (Global Navigation Satellite System) of things. It is a small and low cost integrated electronic device designed for open-source programming which enables the implementation of projects or solutions in which there is a need for measuring, registering or sharing wirelessly data from objects in movement. The company is looking for partners for commercial agreements with technical assistance.

**SPAIN**    [TOES20180920001](#)                      [Full text here](#)                      [Request the address](#)  
A Spanish start-up has developed solution for the design of utility-scale photovoltaics plants. It accelerates and optimizes the process of designing utility-scale photovoltaics plants by the automatization of a task that was carried out manually by engineers. The company is looking for license agreements.

**SPAIN**    [TOES20180921001](#)                      [Full text here](#)                      [Request the address](#)  
A Spanish start-up has developed a machine-learning technology for Google Ads campaigns optimization. It is based on artificial intelligence and NLP (Natural Language Processing) for semantic targeting in Google Ads, which means automatization of a process that up until now was manual. The company is looking for commercial agreements with technical assistance.

**SPAIN**    [TOES20181003003](#)                      [Full text here](#)                      [Request the address](#)  
A Spanish technological company has developed a robotic ankle for research related to rehabilitation, biomedicine, and sports. It is an open system that can be fully controlled and programmed by the researcher

and is equipped with different sensors. The company is looking for commercial agreements with technical assistance.

**SPAIN** [TOES20181010001](#) [Full text here](#) [Request the address](#)

A Spanish ICT company has developed an accurate and reliable smartphone outdoor navigation solution for blind and visual impaired people. It provides sensory guidance based on the integration of 3D sounds and advanced satellite navigation technologies. The company is looking for license agreements.

**FRANCE** [TOFR20180921001](#) [Full text here](#) [Request the address](#)

A small French company specialised in the design of glasses has developed an innovative bi-stable eyeglass hinge with elastic properties, providing high comfort, flexibility and lightness, and allowing a better durability of the frame, thanks to an interchangeable fuse element, which can be replaced by the user. The company offers a manufacturing or licence agreement.

**GERMANY** [TODE20180921002](#) [Full text here](#) [Request the address](#)

A German university has discovered a protein that can be used as a marker to determine the tendency of prostate tumors to metastasize. The university offers a license and research cooperation agreement.

**SOUTH KOREA** [TRKR20181011001](#) [Full text here](#) [Request the address](#)

A Korean company which has specialty in optimal Energy Storage System(ESS) system integration technology has been in the renewable energy integration business since 2012. The company is expanding its area to smart city ESS and is searching for the design technology which can discover, compose and propose the entire project. The company would like to collaborate with overseas partners through a commercial agreement with technical assistance, license agreement, and technical cooperation.

**POLAND** [TRPL20180917001](#) [Full text here](#) [Request the address](#)

A Polish company has a system of steam boilers, biomass, mainly straw and is looking for partners who can help them in creating the technology of production of electricity and heat for low power. The partner should be able to provide the grain dryer, system for heating air in their boiler to create a complete technology as an alternative for grain drying oil-fired. The SME is interested in getting cooperation with company or R&D institution for a technical cooperation agreement.

**LITHUANIA** [TRLT20181015001](#) [Full text here](#) [Request the address](#)

A Lithuanian SME, specialized in shopping bag manufacturing, seeks a new technology to expand their business. The currently used technology allows the company to produce large quantities of shopping bags from unwoven materials made from raw plastic. The company is looking for an ultrasonic molding technology allowing to combine seams of an unwoven material made from recycled PET. The company seeks partners for a commercial agreement with technical assistance.

**SWEDEN** [TRSE20181011001](#) [Full text here](#) [Request the address](#)

A Swedish SME in the graphical and technical label business is looking for a subcontracting partner for a medical device called body patch. The tasks for the subcontractor is to assembly, test and complete the packaging of the device. A light version of cleanroom environment is required as well as production according to relevant standards. Initially the device can be assembled manually but a semi-or fully automated production line is envisaged.

**ITALY** [TRIT20180920001](#) [Full text here](#) [Request the address](#)

An Italian company in the furnishing and manufacturing industry with competence in the design and development of contemporary seating and furnishings is looking for a partner able to offer know-how/technology solutions for new plastic items. The company intends to expand its production by collaborating with a R&D centre or a manufacturer with expertise in developing innovative, eco-sustainable, versatile products in plastic. Partnership sought: technical cooperation or manufacturing agreements.

- SINGAPORE** [TRSG20181003001](#) [Full text here](#) [Request the address](#)  
A Singapore SME and exporter of soya bean lecithin powder and liquid is seeking a technology, such as membrane separation, as an alternative to the current distillation processes used as the solvent recovery method during the lecithin extraction step of edible oil processing. The SME is keen to license suitable technologies from SMEs of any sizes or research institutes or explore joint venture partnerships in addressing this challenge.
- CZECH REPUBLIC** [TRCZ20181011001](#) [Full text here](#) [Request the address](#)  
A Czech company specialized in import and distribution services of medical materials, devices and aids, including diaper disposal systems is seeking new market ready methods for recycling of used diapers under commercial agreement with technical assistance.
- THE NETHERLANDS** [TRNL20180924001](#) [Full text here](#) [Request the address](#)  
A Dutch subsidiary of an international accountancy & advisory firm wishes to develop an Audit Intelligence Robot based on data analytics techniques for its financial and risk auditing activities. They are looking for expertise in algorithms and Artificial Intelligence to help generate a pre-audit statement or report for auditors. Collaboration to be based on a research cooperation agreement or a technical cooperation agreement. This technology request is part of an open innovation challenge.
- THE NETHERLANDS** [TRNL20181002001](#) [Full text here](#) [Request the address](#)  
The Dutch service provider is transforming from a traditional mail delivery business into a logistics service provider. They are looking for innovative SMEs who have solutions for an improved process for loading and unloading the delivery vans. An easy solution for loading and finding parcels in the van suits the needs of all of their delivery employees. The cooperation would be in the frame of a technical cooperation agreement. This technology request is part of an open innovation challenge.
- UK** [TRUK20180925001](#) [Full text here](#) [Request the address](#)  
A UK software company has developed a prototype algorithm that predicts sudden cardiac arrest. They seek further healthcare providers with datasets from critical care patients experiencing ventricular arrhythmias. The type of co-operation will be research and/or technical.
- LUXEMBOURG** [TRLU20181005001](#) [Full text here](#) [Request the address](#)  
A company based in Luxembourg is looking for a partner able to provide nanoparticles technology to be added to paints, to prevent the adherence of organisms in aquatic environment. The company is looking for research or technical cooperation agreement.
- SPAIN** [TRES20180926001](#) [Full text here](#) [Request the address](#)  
A Spanish city council aims to move forward on sustainable and smart mobility solutions. Consequently, this city council is seeking for urban, sustainable and smart (eco) mobility initiatives, agreements or partnership, whereas innovation leads the way and simultaneously meets social challenges. It offers an open innovation ecosystem, creates a living lab, which are used to add value to the innovation process. Research, technical cooperation or commercial agreement are sought.
- GERMANY** [TRDE20180913001](#) [Full text here](#) [Request the address](#)  
A German SME wants to develop a high-power LED spotlight for industrial outside applications and needs a cooperation partner for the development of an optical module that shall be implemented in the novel LED lighting solution. A cooperation in the frame of a technical cooperation or a research cooperation agreement is envisaged.
- THE NETHERLANDS** [TRNL20181010001](#) [Full text here](#) [Request the address](#)  
The Dutch company specializes in developing accountancy software for companies wants to make registration easier by adopting cash receipts automatically in their accountancy software, skipping printing and reading steps. Both companies in the supply chain and expertise are sought to develop a shared non-profit digital standard to connect cash registers and software systems. A research cooperation agreement is envisioned. This innovation challenge is published on an open innovation platform.

**THE NETHERLANDS**      [TRNL20181005001](#)      [Full text here](#)      [Request the address](#)  
A multinational shipping enterprise with a base in the Netherlands wants to inform its clients about location and estimated time of arrival of their containers. Therefore it is looking for partners with novel approaches to track containers before and after sea transport without adding an extra device. It aims to set up a cooperative pilot project to show the potential of the technology within the framework of a services agreement. This technology request is part of an open innovation challenge.

**THE NETHERLANDS**      [TRNL20181001001](#)      [Full text here](#)      [Request the address](#)  
A Dutch insurance and pension funding company active in the private market is interested in new possibilities to further increase email in their customer database as a basis for improving digital customer contact. The company is open to new ideas from ICT companies obtaining email addresses in a effective and efficient way in a long term co-operation with technical assistance or license agreement. This technology request is an innovation challenge and is published on an open innovation platform.

**THE NETHERLANDS**      [TRNL20181003001](#)      [Full text here](#)      [Request the address](#)  
A Dutch online and mobile payment service providing company is looking for solutions and technologies to increase the efficiency of the onboarding process. They are seeking companies specialized in developing mobile and internet application systems with a focus on smart tooling, workflow and software or big data analytics. This request is an innovation challenge and is published on an open innovation platform. A research cooperation agreement or a technical cooperation agreement is envisioned.

**LITHUANIA**      [TRLT20180905001](#)      [Full text here](#)      [Request the address](#)  
Lithuanian company specialized in technical light supplies is seeking a new operating rooms lighting technology for a major hospital operating room. It is looking for a new technology lighting solution with higher spectrum resolution with a maximized colour reproduction index (CRI). The company is seeking a technology developer or a supplier to work under the commercial agreement with technical support or a joint venture agreement.