

TECHNOLOGY TRANSFER E-BULLETIN

Date: 04.06.2018



UNITED KINGDOM

[TOUK20180425001](#)

[Full text here](#)

[Request the address](#)

The UK company which works in the area of thermochemical conversion technology ("TCCT") to convert asbestos contaminated waste into non-hazardous aggregate in a cost-effective way, is looking for partners to purchase the technology under a licensing agreement or commercial agreement with technical assistance.

GERMANY

[TODE20180418001](#)

[Full text here](#)

[Request the address](#)

A German university has developed a molecular sensor that detects cyclic adenosine monophosphate (cAMP) molecules with a higher sensitivity and a faster response than currently available sensors. The sensor is a research tool for companies active in pharmacology. The university offers a license agreement.

FINLAND

[TOFI20180419001](#)

[Full text here](#)

[Request the address](#)

A Finnish company has developed a mobile patient information service for information collection, analysis and exchange between healthcare professionals and patients with diabetes or other chronic diseases. The company is currently looking for license agreements with healthcare service providers in Nordic and in other European countries.

SPAIN

[TRES20180417001](#)

[Full text here](#)

[Request the address](#)

German-Spanish SME with extensive expertise in the audiovisual market is looking for a technical partner in order to collaborate in the development of a new product for the production of audiovisual events using robotic cameras. The type of agreement sought is technical cooperation. The partner should have experience with software development for applications sending and receiving data to and from robotic cameras.

SPAIN

[TOES20180419003](#)

[Full text here](#)

[Request the address](#)

A German inventor based in Spain filed a patent (pending solution) to bind the harmful fine dust from diesel engines into a liquid, preventing thus to be blown out into the air. The nitrogen oxides are also reduced and the PH values are neutralized by the system. The required installation in the car is easy and not expensive. Manufactures of car spare parts are sought for acquisition or a license agreement of the patent. Technical cooperation may be offered as well for further developments.

ITALY

[TOIT20180418001](#)

[Full text here](#)

[Request the address](#)

An Italian biochemical and pharmaceutical company specialised in developing, manufacturing and marketing of cutting-edge nutraceutical and dermaceutic products is looking for foreign partners interested in cooperating under commercial agreement with technical assistance or manufacturing agreement.

UNITED KINGDOM

[TOUK20180413003](#)

[Full text here](#)

[Request the address](#)

A UK-based SME is developing a novel small molecule that specifically targets ROCK2, a protein that plays a key role in fibrosis. This molecule has potent affinity for ROCK 2 and due to its specificity is expected to have a good safety profile. The SME is looking to partner with other pharmaceutical companies for further development of this molecule leading ultimately to commercialisation. The partnership is expected to take the form of either a licensing agreement or a technical cooperation.

UKRAINE [TOUA20180411001](#) [Full text here](#) [Request the address](#)
A Ukrainian SME offers new information technologies based on the Information and Diagnostic Complex for real-time monitoring of a whole set of the power supply system's parameters, for accident initiation and progression analysis, the protection systems' diagnosis; for determining an accident site, and conducting phase and harmonic analysis of abnormal conditions. The SME seeks for partnerships under joint venture agreement or license agreement for the industrial introduction of the technology.

GERMANY [TODE20180328001](#) [Full text here](#) [Request the address](#)
Algae show great potential for applications in clean energy and mobility, nutrition, pharmaceuticals and cosmetics. A Northern German SME in cooperation with renowned experts in microalgae biotechnology developed gas mixing and analysing systems for cultivation of microalgae, that allow for precise dosing, supply and analysis of gases and can be customized to any specific requirements. Commercial agreements with technical assistance are offered to companies and research institutions.

ITALY [TOIT20180329001](#) [Full text here](#) [Request the address](#)
An Italian company with experience in excavation works has patented a method to stabilize and re-use on the spot the soil deriving from building yards excavations, developing a special machine composed of an excavator equipped with a screening bucket which gathers the excavated material and mixes it with the binder contained inside a tank so as to obtain a homogeneous mixture ready to be used. Companies producing excavators and interested to adopt this technology under patent license are sought.

AUSTRIA [TOAT20180326001](#) [Full text here](#) [Request the address](#)
An Austrian SME has developed the first functioning screws for medical and surgical purposes which are made of human biological bone material. These screws are used to (re)connect or stabilize injured bones in the case of bone fractures or arthrosis without the need for metal implants. In this way an improved healing process and an improved welfare of patients can be reached while costs are reduced. The company is looking for commercial, licence and manufacturing agreements.

ITALY [TOIT20180315001](#) [Full text here](#) [Request the address](#)
An Italian company has developed a technology that enable the production of innovative portable cages for the poultry and rabbit ground breeding and accessories for pets. The main innovation of the technology is the possibility of implementing a form of outdoor breeding in compliance with the principles of organic farming. The company is offering the technology under manufacturing and license agreements with partners in the countries which will be listed below.

GERMANY [TODE20180320001](#) [Full text here](#) [Request the address](#)
A German engineering company with more than 30 years experience in injection-moulding production processes for rubber and plastic parts offers in-depth know-how and expertise to optimise injection-moulding production processes for rubber and plastic parts. The company offers technical cooperation agreements with plastic and rubber parts manufacturing companies for the development of tailored and efficient production processes.

LATVIA [TOLV20180316001](#) [Full text here](#) [Request the address](#)
A company from Latvia specialised in bioreactor line design and manufacturing offers a technology for production of biological products that increases soil fertility, restores its natural balance and increases plant productivity. Main advantage of the technology is that the operator mistake risk is minimised and the process is automated. The company offers commercial agreement with technical assistance.

SOUTH KOREA [TOKR20180131002](#) [Full text here](#) [Request the address](#)
A Korean company specializing in development of eco-friendly materials and devices provides a technology of purifying and softening water by eliminating dissolved ion from water. It is eco-friendly, energy saving, high in recovery efficiency and easy to operate. The company is looking for a partner manufacturing washing machines, water purifiers or water softeners. Commercial agreement with technical assistance or technical cooperation agreements are available.

- SOUTH KOREA** **TOKR20180131001** [Full text here](#) [Request the address](#)
A Korean SME specializing in the development of eco-friendly materials and facilities is offering an electrolyzed sterilizing water generator. It generates HOCl (hypochlorous acid) which has 80 times stronger sterilizing power and is less stinky compared to chlorine bleach. Also, it is environmentally friendly and less corrosive so that it can be used to clean and disinfect kitchen utensils, food factory, and hand sterilizing. Technical cooperation, license or joint venture is available.
- SPAIN** **TOES20180116001** [Full text here](#) [Request the address](#)
A Spanish research institution, a German University and a Spanish company have developed FSA enzyme variants with improved chemo- and enantioselectivity in aldol carbonylation reactions (single C-C bond formation) rendering (poly)hydroxylate products of industrial interest, such as Roche ester or of 4-chloro-3-hydroxybutanal, under environmentally friendly conditions. Industrial partners are being sought to collaborate through a patent licence agreement.
- UNITED KINGDOM** **TOUK20180522001** [Full text here](#) [Request the address](#)
A small company in the East of England has launched a voice assistant for manufacturing teams. Using natural language processing (NLP) technology, it allows the machines to understand human commands and fill any gaps in data collection. This hands-free system saves time, reduces waste, and improves quality of data. Machine building and other manufacturers are sought for commercial agreements with technical assistance.
- GREECE** **TOGR20180521001** [Full text here](#) [Request the address](#)
A Greek SME active in the design and manufacturing of opto-electronic sub-systems offers a miniaturized ice detection sensor capable of not only detecting the presence of ice in a surface but also to identify its type (glaze, rime, mixed) and measure its thickness. The sensor can be used in the aerospace, automotive, wind turbines, and agro/food industry. Industrial partners and SMEs from all respective markets are sought for commercial agreement in order to integrate the sensor to their systems
- UNITED KINGDOM** **TOUK20180517001** [Full text here](#) [Request the address](#)
A technology transfer organisation in the UK that specialises in the commercialisation of defence and security technology research is licensing a high-speed high-fidelity 3D advanced audio array simulation system. The novel system generates faster, more accurate simulations of audio arrays to improve user experience and reduce costs. The company is looking to license out this technology to audio product developers and service providers that undertake performance assessments of audio arrays.
- FRANCE** **TRFR20180515001** [Full text here](#) [Request the address](#)
A French SME designing and manufacturing outdoor children and sports playgrounds made of soft cast floor mats is looking for ecological binding components as substitute to currently used petrochemical binding agents. The company is interested in finding partners for a commercial agreement with technical assistance.
- FRANCE** **TOFR20180424001** [Full text here](#) [Request the address](#)
A French technology-based SME, expert in electronic devices and software development, has developed a real time non intrusive solution for temperature tracking of not only medicine boxes but also every kind of sensitive products. The company looks for distributors/integrators of medical related products for Clinical Research Organizations (CRO) to integrate the software part into the management system of the CRO. Technical cooperation is sought, and also research cooperation if possible.
- IRELAND** **TOIE20180227001** [Full text here](#) [Request the address](#)
A small Irish invention company based in Wicklow Ireland has invented a new and extremely effective finger wound dressing. The company is now making the technology available for a licensing and or commercial agency agreement with technical assistance, with medium to large medical company to further develop and commercialise the invention and sell into a potentially large international market.

SLOVAKIA [TOSK20180509001](#) [Full text here](#) [Request the address](#)

Slovak institute has developed an exceptional nanomaterial with unique photofunctionality. Hybrid inorganic-organic supramolecular systems composed of photoactive luminescent dye molecules embedded in a layered structure of nanomaterials exhibit attractive features, such as emission, absorption and nonlinear optical properties. The institute is looking for partners to cooperate with via financial agreement, manufacturing agreement or via services agreement.

SOUTH KOREA [TRKR20180503001](#) [Full text here](#) [Request the address](#)

A Korean manufacturer of optical lens is looking for German and Swiss company that can provide designing and manufacturing technology of optical fiber and LED module for subminiature camera below 2.0mm used in disposable arthroscope. The company has made prototype for optical fiber and would like to develop the product further by cooperating with overseas partners. Commercial agreement with technical assistance, manufacturing agreement and research cooperation agreement are considered.

UKRAINE [TOUA20180430002](#) [Full text here](#) [Request the address](#)

A team of Ukrainian researchers has carried out investigations and designed a compact supercavitation evaporator for water. Productivity of one evaporation chamber, depending on the degree of degassing of the cavity, is from 2 to 6 m³/h. Evaporator is intended for sea water distillation and for water treatment. Partners are needed for creation of a consortium, carrying out additional research, promoting the technology to the market. Possible license selling, technological maintenance etc.

GREECE [TOGR20180427001](#) [Full text here](#) [Request the address](#)

A Greek company which is currently offering an innovative warehousing and logistics operations system, is looking to extend its network abroad by finding new partners under commercial agreement with technical assistance. The company has successfully outperformed to some of the best competitive warehouse management systems on the market, offering enterprise-scale true adaptability and flexibility. Their system has been successfully integrated with major enterprise resource planning.

SOUTH KOREA [TOKR20180424001](#) [Full text here](#) [Request the address](#)

A Korean company as a developer and supplier of professional wireless equipment such as active DAS(distributed Antenna System), RF(radio frequency) repeaters and wireless access point(AP) for Korean telecommunication companies is looking for a partner who is jointly able to pursue commercial and technical cooperation. Desirable partners are those who have such customers as telecom companies, Wi-Fi hotspot operators, base station manufacturer, or facility service companies in Europe or U.S.A.

FRANCE [TOFR20180417001](#) [Full text here](#) [Request the address](#)

A French Technology Transfer Office offers a new device to produce customised sintered materials, as nanocomposites, ceramics linked to additive manufacturing. This technology could be useful for integrating high added value materials in various domains such as power electronics, structural materials, aeronautics,... This TTO is looking for a company which could be interested in acquiring and industrializing the technology with a licence agreement or a technical cooperation agreement.

FRANCE [TOFR20180411001](#) [Full text here](#) [Request the address](#)

A connected artwork support for use in non-cultural public areas is set up by a French spinoff company from a major applied arts school in Paris. Property management agencies are sought for a commercial agreement with technical assistance in order to validate use cases. Technical cooperation agreement is also expected with corporates interested to experiment the device in their public open facilities, such as public transport waiting areas, company lobbies, entertainment areas, and malls.

- CYPRUS** [TOCY20180212001](#) [Full text here](#) [Request the address](#)
 A Cyprus based SME of professional engineers and architects, has developed an innovative flood prevention product for property and infrastructure protection. This innovative product can be either pre-installed or portable. The portable version can be installed across a road allowing unobstructed passage of vehicles up to the moment when the road becomes unusable due to flood. The company is seeking potential partners worldwide for commercial agreement with technical assistance.
- SPAIN** [TOES20180406001](#) [Full text here](#) [Request the address](#)
 A Spanish biotechnological institute offers their experience and knowledge on the molecular microbiology of the producer tacrolimus (FK506) strain, streptomyces tsukubaensis for the development of improved high-producing derivative strains. Pharma industries are sought for services agreement. Academic partners interested in research cooperation agreement are also sought.
- GERMANY** [TODE20180403002](#) [Full text here](#) [Request the address](#)
 A German research institute has developed a solution for the area monitoring of nuclear plants and equipment that generate ionising radiation (nuclear plants, medicine, research) which requires measurements of the ambient dose equivalent of all components of ionising radiation outside the plant. The equipment used must distinguish between radiation of natural and artificial origin and the influence of interference on the measured value must be negligible. The institute is searching for licensees
- QATAR** [TRQA20180228001](#) [Full text here](#) [Request the address](#)
 A Qatari company specialized in production of chemical disinfectants (sodium hypochlorite) is looking for a partner that can supply additional technology to expand current production lines through a joint venture agreement and assist in management of production facility in Qatar.
- GERMANY** [TODE20180424001](#) [Full text here](#) [Request the address](#)
 A German R&D Institution active in sample characterization is looking for partners to implement and produce new drop-on-demand micromixer, which minimize sample consumption and maximize measurement efficiency in the analytical sector. The research team is looking for an industrial partner to implement and produce the device. They are interested in research and technical cooperation as well as in a license agreement.
- AUSTRIA** [TOAT20180523001](#) [Full text here](#) [Request the address](#)
 An Austrian SME developed a new atmospheric cold plasma activation technology for synthetic surfaces. Compared to similar systems it saves operating costs and 30% investment costs, is easier to install in existing productions and suitable for complex surfaces. Nearly all materials (plastics, metals, glass, textiles..) can be treated for packaging, medical, automotive etc. applications. Companies and technical research institutes are sought for commercial, technical and/or research cooperations.
- UNITED KINGDOM** [TOUK20180522002](#) [Full text here](#) [Request the address](#)
 A UK-based SME has developed a care pathway for mental health combining evidence-based therapeutic interventions with the latest digital solutions in a secure, user friendly web-based environment. The SME is offering this pathway to clinicians operating in the mental health space for use with their patients. The partnership is envisaged as a services agreement or a technical cooperation agreement with the partner providing feedback for further development to the SME as part of the partnership.
- TURKEY** [TOTR20180517001](#) [Full text here](#) [Request the address](#)
 A Turkish SME is specialized in pattern recognition, image segmentation, robot vision, and deep learning and has substantial experience in detecting Foreign Object Debris (FOD) material that should not be found on an airport taxiways. The company is now looking for company partners for commercial agreements with technical assistance for further implementation and technical cooperation agreement.

- SINGAPORE** **TOSG20180515001** [Full text here](#) [Request the address](#)
A Singapore MNE specializing in digital entertainment products has produced a binaural 3-dimensional (3D) audio hologram that can be personalized for each individual according to their parameters. The company is seeking licensing, research cooperation or commercial partnerships with SMEs of any sizes or MNEs.
- BELARUS** **TOBY20180414001** [Full text here](#) [Request the address](#)
Belarus research institute developed a method to produce porous material from polytetrafluoroethylene (PTFE). The material can be made in form of wool or felt. The advantages of high surface hydrophobicity, chemical and temperature resistance come from PTFE. Typical applications of material are filtration of toxic chemicals and medicine. The institute seeks cooperation under manufacturing agreement, commercial agreement with technical assistance or joint venture agreement.
- GERMANY** **TODE20180515002** [Full text here](#) [Request the address](#)
A German SME experienced in molecular diagnostics has developed a proprietary cartridge-based sample-to-answer point-of-care diagnostic platform. In contrast to conventional methods "laymen" can carry out laboratory analysis because after sample dispensing the process runs automated. The result is available in 30-60 minutes. Industrial partners from the field of analytics/ diagnostics of e.g. food and beverage, environment (e.g. Legionella in water) are sought for licensing/commercial agreement.
- GERMANY** **TODE20180515001** [Full text here](#) [Request the address](#)
A German university offers autoantibodies that improve the diagnosis of osteoarthritis. It is the first serum biomarker test in this context. Partners from the medical diagnostic industry are sought for license agreements as well as a technical cooperation agreement.
- SWEDEN** **TOSE20180424001** [Full text here](#) [Request the address](#)
A University origin SME in northern Sweden offers a new pre-clinical model, the N-IF mouse, for testing new anti-fibrotic and anti-inflammatory drugs. The new model shortens and simplifies the tests and are also performing considerable better than the ones existing today. The SME is looking for commercial agreement or research partners that develops anti-fibrotic drugs or anti-inflammatory drugs. The partners can be pharmaceutical companies, biotech companies or high-level researchers at CROs.
- GERMANY** **TODE20180403003** [Full text here](#) [Request the address](#)
A German research institute has developed a system for precise measurement of torques under multi-component loads. The traceable measurement of torques greater than 2MN·m is of enormous importance (e.g. the wind energy industry). The invention enables feedback by splitting the torque into several force signals, measured over a defined lever length and an exact method with a measurement uncertainty of at most 1%. The institute looks for licensees and partners for research cooperations.
- GERMANY** **TODE20180403004** [Full text here](#) [Request the address](#)
A German research institute has developed a dosimeter, an electronic radiation meter with high isotropy, low dead time and thus high metrological quality for pulsed neutron fields which enables measurements of pulsed radiation fields, as they occur in basic research, synchrotron radiation or medical accelerators, which pose new challenges to dosimetry. The research institute is searching for licensees.
- GERMANY** **TODE20180212003** [Full text here](#) [Request the address](#)
A small German SME has developed a patented titanium tendon fixation plate, mainly for open shoulder surgeries. This is currently used for veterinary applications, but with the newly granted patent, the company plans to enter the human medicine sector. Therefore they are looking for a company out of the medical technical sector who would like to either acquire the patent or get a license agreement. The CE mark approval and requirements of the Medical Device Directive must be on their side.