

## TECHNOLOGY TRANSFER E-BULLETIN

Date: 02.04.2018



### NETHERLANDS

TRNL20180228001

[Full text here](#)

[Request the address](#)

A Dutch SME developing a novel electroencephalography (EEG) based medical device is looking for expertise on disposable "peel-stick" type EEG electrode design patch. A specialised healthcare company active in disposable EEG electrode patches with technical knowledge on design and hydrogels is sought for technical cooperation.

### GERMANY

TODE20180227001

[Full text here](#)

[Request the address](#)

A German university offers a new method for selective chemical ablation of undifferentiated cells in pluripotent stem cell-derived populations. It works with small molecules that are toxic against pluripotent stem cells but not toxic to differentiated cells of interest. Applications are in cardiac regenerative medicine. In vitro results are available. Industrial licensees are sought.

### UNITED KINGDOM

TOUK20180226003

[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 novel biotechnology technique allowing early identification of sepsis in a patient. Based on a set of biomarkers, it can determine the presence of sepsis days before clinical symptoms appear. The organisation is looking to offer its technology to manufacturers of in-vitro diagnostic tools under license agreements.

### FRANCE

TOFR20180126001

[Full text here](#)

[Request the address](#)

The French TTO (Technology Transfer Office) is acting on behalf of an established public laboratory of the Paris region that has developed new technology to extend appliance durability of embedded and off the grid systems by energy movements of the body. This technology is useful for healthcare devices, transportation, military or surveillance. The French public research centre is looking for partners for a technical cooperation, license or a research cooperation agreement.

### UNITED KINGDOM

TOUK20180221001

[Full text here](#)

[Request the address](#)

A UK company is offering a range of innovative services to fast track drug discovery and developmental projects by providing a range of compound synthesis and supply solutions. This includes rapid synthesis of research molecules, building blocks, drug intermediaries. Co-operation is sought with companies who need help with sourcing active pharmaceutical ingredients (API) or need to make novel molecules or those for use in R&D. Type of co-operation: commercial agreement with technical assistance.

### AUSTRIA

TOAT20180221001

[Full text here](#)

[Request the address](#)

An Austrian SME developed an airborne hard- and software based inspection technology for advanced quality assurance applications for wind-turbines, towers, photovoltaic systems and other infrastructure. USP - Unique full service: Data Acquisition of surfaces; Data Analysis with automated reporting; Data Storage with Data Mining and Artificial Intelligence. The company is looking for license-, joint venture- and commercial agreements and for technical- and research cooperation agreements.

- GREECE** [TRGR20180220001](#) [Full text here](#) [Request the address](#)  
 A Greek SME company, established in 2009 and activated in the environmental sector, seeks for technological support (Technical cooperation agreement) to obtain an electronic sensor for monitoring the level of waste into a bin. The Greek company is looking for a technological company to supply or commonly develop an electronic system of sensors for the monitoring of the fullness, temperature and position of waste bins.
- NETHERLANDS** [TRNL20180221001](#) [Full text here](#) [Request the address](#)  
 A Dutch SME developing a novel Electroencephalography (EEG) based medical device is looking for outstanding expertise on medical hydrogel that is both highly conductive as well as adhesive. It is an important requirement that the hydrogel should be useable in places where the patient has hair (on the head). A specialised healthcare company active in hydrogel design and manufacturing with technical knowledge of hydrogels is sought, for technical cooperation.
- FRANCE** [TRFR20180214001](#) [Full text here](#) [Request the address](#)  
 A French based SME working in the aircraft domain is seeking a light thermal engine with low weight < 40 kg (Dry weight) and 96 Kw maximum power output for an innovative kind of aircraft. Company or laboratory are sought for the design and manufacturing of the engine under license or technical agreement.
- ITALY** [TOIT20180220002](#) [Full text here](#) [Request the address](#)  
 An innovative startup based in northern Italy and active in the production of metal powders is looking for partners in the field of additive manufacturing or other powder metallurgy sectors, The company is looking to establish a research cooperation agreement.
- SPAIN** [TOES20180220001](#) [Full text here](#) [Request the address](#)  
 A Spanish university has developed a new and simple system that allows to fix any type of armours in concrete construction elements during the concreting process. This system avoids the movement of the armours in an efficient and reusable way, preventing future expensive treatments in case of unwanted movements. It is characterized by its low cost, light weight, ease of use and versatility for any constructive element. Companies are sought for licensing or technical cooperation agreements.
- LATVIA** [TOLV20180214001](#) [Full text here](#) [Request the address](#)  
 A company from Latvia offers a technology for production of vaccines for animals using bioreactors. The offered bioreactor line is automated process for bio-pharmaceutical production. It is simple and easy to operate. 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.
- GERMANY** [TODE20180220001](#) [Full text here](#) [Request the address](#)  
 A German university developed a new molecular diagnostics of hyperaldosteronism. It facilitates better timely and adequate treatment of affected persons with high blood pressure due to familial hyperaldosteronism type II. The university is offering a license agreement to diagnostic companies.
- HUNGARY** [TOHU20180219001](#) [Full text here](#) [Request the address](#)  
 A Hungarian pharmaceutical/biotech SME specialized in cyclodextrins is offering help in formulation development. The majority of current active pharmaceutical ingredients suffer of low aqueous solubility and/or poor chemical stability. The proper use of cyclodextrins offer a general solutions for these issues. The company is offering its specific technological services and research cooperation capacities.
- NETHERLANDS** [TONL20180215001](#) [Full text here](#) [Request the address](#)  
 A Dutch applied research institute specializing in the conservation and preservation of so-called moveable cultural heritage would like to participate in European subsidized research and development projects, in particular in Horizon 2020. They seek research partners to investigate the effect of aging, conservation treatments and environment on the appearance and condition of objects of cultural heritage. They offer a collaboration in the framwork of a research cooperation agreement.

**SOUTH KOREA** [TOKR20180207001](#) [Full text here](#) [Request the address](#)

A Korean SME has developed the technology using renewable energy, especially marine power. The company found out that a user of any kind of technology results in environmental problems. Thus, they have chosen ocean power to develop horizontal wave power generator. It is less problematic on earth and more potential sources to be used. Therefore, the cooperation form sought is commercial agreement with technical assistance, license and research cooperation agreement.

**GERMANY** [TODE20180213001](#) [Full text here](#) [Request the address](#)

A University from Berlin (Germany) has developed a new hopper wagon design for freight trains that solves issues other wagon-designs have in regards to aerodynamic efficiency. While increasing aerodynamic efficiency the design at the same time ensures that loading as well as transport are not negatively influenced by the new design. The cooperation type they would be interested in is a license or a research cooperation agreement.

**SOUTH KOREA** [TOKR20180123002](#) [Full text here](#) [Request the address](#)

A Korean laboratory is specialized in measurement and diagnosis technology of plant. They have developed power distribution technologies, smart grid-related technologies, and research to prevent disasters and safety accident. This laboratory also provides information security of power automation system. The laboratory is looking for commercial agreement with technical assistance or manufacturing agreement.

**SOUTH KOREA** [TOKR20180123003](#) [Full text here](#) [Request the address](#)

A Korean laboratory is specialized in superconducting technologies, carbon dioxide(CO<sub>2</sub>) collecting technologies and advanced materials technologies. This institute has developed superconducting cable, fuel cell technologies, and manufacturing high valued compound from CO<sub>2</sub>. This technology provides an operation method for a next-generation distribution system. The laboratory is looking for commercial agreement with technical assistance or manufacturing agreement.

**SOUTH KOREA** [TOKR20180111001](#) [Full text here](#) [Request the address](#)

The Korean research institute has developed Real-time forecasting technology of commercial facilities through machine learning of Alternate Mark Inversion(AMI) power usage. The system provides information that stores are open or close. The team is looking for potential partners for commercial agreement with technical assistance, License agreement, manufacturing agreement, financial agreement

**ITALY** [TOIT20180116002](#) [Full text here](#) [Request the address](#)

An Italian research consortium active in the space sector has developed an emulation platform able to reproduce the behaviour of a DVB-RCS (real digital video broadcasting - return channel satellite) system from the network point of view. The Italian group is seeking research cooperation agreements with H2020 applicants in all Europe, USA and Canada, in order to support partners in the design phase or to validate solutions that can include real applications and real-hardware.

**FRANCE** [TOFR20171204001](#) [Full text here](#) [Request the address](#)

A French company specialized in designing and manufacturing photovoltaic solutions has developed flexible organic photovoltaic devices manufactured by digital printing. The company offers its expertise in the frame of a technical cooperation agreement.

**FRANCE** [TOFR20180129001](#) [Full text here](#) [Request the address](#)

A French Technology Transfer Office (TTO) offers an innovative treatment targeting solid tumors. The innovation is based on a specified and patented hit molecule which strongly reduces the activity of CSCs (Cancer Stem-like Cells). The french TTO is looking for interested pharmacology corporates or biotechnology SMEs, either for a licensing agreement or a technical cooperation agreement. Research cooperation agreement is also open with R&D institutions working in oncology research.

- FRANCE** [TRFR20171207001](#) [Full text here](#) [Request the address](#)  
The French purchasing department of an industrial group is looking for partners under manufacturing agreement able to assemble by welding pressure roll metal sheet. The Nominal Diameter (DN) of the assembled equipment can go up to 2000 mm (DN2000). The finished equipment is part of a flowmeter equipment. Target countries are Eastern Europe and Portugal, Italy and Turkey.
- SERBIA** [TORS20170831001](#) [Full text here](#) [Request the address](#)  
A Serbian laboratory offers plasma technology on-shell solutions, know-how, and engineering support for optimisation of combustion systems in small and medium-sized industrial plants. The state-of-the-art plasma technology is intended to substitute expensive liquid fuel used for startup and combustion support. The technology is tested in tested in Serbian, Russian, and Australian plants. The laboratory is looking for collaboration through a technical cooperation agreement.
- SPAIN** [TRES20180306001](#) [Full text here](#) [Request the address](#)  
A world-famous football club in the Basque Country (Spain) is looking for a partner who can provide preventive and therapeutic technologies for football players' injuries. The requested technology should be based on a customised and customisable parameterisation of the modifiable injury risk factors and the cooperation envisaged for this open innovation call is that of a commercial agreement with technical assistance.
- CYPRUS** [TOCY20180305001](#) [Full text here](#) [Request the address](#)  
A Cyprus start-up company has developed and is about to commercialise a cloud-based hot water controller for electric hot water storage heaters (immersion heaters). The device can be easily installed in any electric hot water heater and controlled remotely using a smartphone/web application. The company is seeking manufacturers and installers of immersion heater as well as electricians for commercial agreements with technical assistance.
- SPAIN** [TRES20180302001](#) [Full text here](#) [Request the address](#)  
Energy area of Spanish technology centre is seeking an European university with expertise on energy planning to exchange knowledge in the area. This exchange includes staff international mobility for a short period, desirably with a department of development and planning or urban planning and management. Partnership sought is a technical or research cooperation agreement for a knowledge transfer on Energy Planning and future collaboration on a Horizon 2020 Call.
- SINGAPORE** [TOSG20180301002](#) [Full text here](#) [Request the address](#)  
With the rapid growth of the drone industry, concerns over potential threats to security and privacy have escalated. Drone activity has also disrupted and threatened civil aviation traffic. To counter these threats, a Singapore-based technology startup has developed a novel anti-drone system that is capable of taking over the control of errant drones which penetrate restricted flying zones. The company is looking for SMEs/MNEs (Multinational comp) to license its innovative anti-drone technology.
- GREECE** [TOGR20180301001](#) [Full text here](#) [Request the address](#)  
The Greek SME designs and develops products for the sectors of Space, Defense and Aeronautics. The company offers innovative test & validation equipment for the mentioned sectors. Particularly for the Space sector, the equipment developed is capable to deal simultaneously with different satellite-spacecraft on-board data networks and protocols used in this sector. The company is seeking SMEs or space agencies or integrators for technical or commercial agreements with technical assistance.
- UNITED KINGDOM** [TRUK20180228001](#) [Full text here](#) [Request the address](#)  
A multinational shipping enterprise with a registered base in Scotland (UK) is seeking novel approaches to eliminate Sulfur Oxides (SOx) and Nitrogen Oxides (NOx) emissions from ship engine exhaust as a way of satisfying Sulfur Emission Control Area requirements while burning high sulfur fuels. The ideal solution would be roughly half the capital cost of traditional closed-loop, in-line wet scrubber systems. The Scottish company is looking for partnerships via a joint venture.

**LATVIA** [TOLV20180228001](#) [Full text here](#) [Request the address](#)

A company from Latvia specialised in bioreactor line design and production offers a whey waste recycling technology using bioreactors. The offered technology provides possibility to produce yeasts for food industry utilising whey waste (e.g. whey lactose from whey processing). 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.

**UNITED KINGDOM** [TOUK20180226001](#) [Full text here](#) [Request the address](#)

A technology transfer organisation in the UK that specialises in the commercialisation of defence and security technologies is licensing a novel extension to improve the capabilities of existing Geographic Information System (GIS) software. The new software allows automated image registration, object recognition and change detection using image sources of varying quality, viewpoints, elevations and timestamps. The company is looking to offer it to existing GIS providers.

**FRANCE** [TRFR20180223001](#) [Full text here](#) [Request the address](#)

A young French company specialised in agribusiness produces fresh and healthy juice. In order to strengthen its activity, the SME is urgently looking for a cold press machine (new generation hydraulic press or screw press). The objective is to extract 100 liters/hour of juice from various recipes based on a mixture of herbs, vegetables and fruits. The SME is seeking commercial agreement with technical assistance with a manufacturer of semi-automatic agrofood equipment.

**UNITED KINGDOM** [TRUK20180220001](#) [Full text here](#) [Request the address](#)

UK company providing bespoke technical solutions and consultancy services for sustainable energy generation is seeking collaboration for building an off-grid solar energy charging system with stand-alone “pay as you go” payment process designed for non-electrified areas in developing countries. The collaboration can be based on joint venture or technological cooperation agreement with other technological consultancies or solar systems manufacturers to customize.

**GREECE** [TRGR20180216001](#) [Full text here](#) [Request the address](#)

A PCP project of the H2020 is related to the marine earth observation. The project is now looking for offers from companies or researchers for introducing applications using earth observation data and services, applicable to marine. The interested parties should participate in a tender procedure. Then, the initial type of collaboration for the succeed solutions is the technical one. In the end, the commercially viable solutions will be contracted under commercial agreement.

**UNITED KINGDOM** [TOUK20180214002](#) [Full text here](#) [Request the address](#)

A technology transfer organisation in the UK that specialises in the commercialisation of defence research is licensing high performance body worn antenna for electronic warfare and communications. Due to their small size the antennas could be integrated in various ways such as into a vest, or on the straps of a backpack or radio. The company is looking to offer a license agreement to security and defence related product suppliers to develop into commercial product.

**SOUTH KOREA** [TOKR20180213001](#) [Full text here](#) [Request the address](#)

A Korean SME is founded in 2014 as an energy-saving organization by diagnosing whether energy is lost and how much its loss is and consulting to be improved. The company suggests the service which enables to reduce the costs and satisfy the needs of their customers. They aim to utilize the technologies in the industry with production of waste heats, so they are open to the partnership of manufacturing, technical cooperation agreement, and commercial agreement with technical assistance.

- ITALY** [TOIT20180212002](#) [Full text here](#) [Request the address](#)  
An Italian research team has developed a novel therapeutic agent for treating medulloblastoma, one of the most widespread paediatric brain tumours. The new therapeutic agent is the Cxcl3 chemokine (C-X-C motif, ligand 3). The researchers are looking for partners interested in financial agreements and/or technical cooperation agreements.
- BELARUS** [TOBY20180207001](#) [Full text here](#) [Request the address](#)  
A Belarus R&D institute is offering ready to use technology and equipment for final treatment of flat, spherical, and aspherical surfaces of optical parts and substrates with root mean square accuracy of the shape up to  $\lambda / 150$  and surface roughness up to 0.07 nm. They are looking for industrial partners or R&D organizations for commercial agreement with technical assistance or joint venture agreement.
- BELGIUM** [TOBE20180202001](#) [Full text here](#) [Request the address](#)  
A Belgian SME, active in the soil remediation, developed a patented solution to eliminate, by vacuum skimming, the pollutants floating on the aquifers. The solution has some major competitive advantages versus other skimming technics such as the adaptability to level variations or to free phase texture. The company does guaranty the elimination of 100% of any free phase present into the wells. They're looking for commercial agreements with technical assistance.
- SOUTH KOREA** [TOKR20180116001](#) [Full text here](#) [Request the address](#)  
A Korean company has developed the software that operates the large equipment of power plant. Since it needs complicated circuits to be worked, the company has focused on developing the technology which makes the data analysis automatically in real-time. The company, hence, wishes the technology to be used and improve the functions as well, so the partners should take the form of license, services, and research cooperation agreement along with commercial agreement with technical assistance.
- SPAIN** [TOES20171130002](#) [Full text here](#) [Request the address](#)  
A Spanish company offers a patented portable capsule coffeemaker that has the size of a soft drink container, so it can be used everywhere, and be prepared in the microwave. The obtained coffee or tea stays hot for more than 2 hours in the same portable container. The small company is offering this invention's patent to a manufacturing company under a license agreement.
- SOUTH KOREA** [TOKR20180119001](#) [Full text here](#) [Request the address](#)  
A Korean research and development laboratory for electricity has developed the technology for testing pipelines by using long range microbore tube with guided wave. The technology is suitable to examine inside and outside defects and searching thinning-wall of the pipe. The technology is valuable for various pipeline related industries. The company prefers to cooperate with partners based on commercial agreement with technical assistance, research cooperation, licensing and services agreement.
- CZECH REPUBLIC** [TOCZ20171031002](#) [Full text here](#) [Request the address](#)  
A Czech university developed device capable for removing hydrogen sulphide and sulphide sulphur from groundwater. The device is designed for normal water flow in households and small and medium businesses. The university is looking for industrial partners able to produce and distribute the device. The university is offering license or research cooperation agreements.
- CZECH REPUBLIC** [TOCZ20171031001](#) [Full text here](#) [Request the address](#)  
Czech university department focusing on R&D in the field of alternative power sources has developed a prototype solution of a multi-source micro co-generation unit for installation in housing estates to replace partial installation solutions of power sources with one centralized device. The university is looking for an investor for the sale of the licence and further cooperation on the placing the device on the market based on manufacturing and/or commercial agreement with technical assistance.