

## TECHNOLOGY TRANSFER E-BULLETIN

Date: 30.04.2018



### SPAIN

[TOES20180419001](#)

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A Spanish company, specialised in systems for the efficiency and security in road transport, has developed a complete solution based on Internet of Things and big data that enables vehicle fleet efficiency and security improvement. The company is looking for international joint ventures or commercial agreement with technical assistance with industrial partners adding value capacities for the deployment of projects at the destination markets. Financial agreements are also sought.

### UNITED KINGDOM

[TRUK20180417001](#)

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A multinational shipping enterprise with a registered base in Scotland (UK) is seeking to replace data transmission cables on board ships with wireless transmission of signals from sensors. The aim is to reduce the dead weight of non-critical systems data cables by 50%. The company seek a system provider to run a pilot project, with the capability of rolling out to new ships under design. The Scottish company is looking for partnerships via a joint venture or technical cooperation agreement.

### UNITED KINGDOM

[TRUK20180416003](#)

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A UK-based SME is developing a novel antibody drug conjugate technology for treating cancer. Their technology targets two cancer cell markers rather than one, preventing non-specific targeting of healthy cells. During development this dual target approach showed potent synergy compared with targeting individual markers. The SME would like to investigate the mechanisms of this with universities and research institutions under research cooperation agreements or technical cooperation agreements.

### UNITED KINGDOM

[TOUK20170726001](#)

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An East of England company has launched an IT system that specifically addresses the needs of electric vehicles (EVs) and fleets. Live data from vehicle, driver and environment are being used to accurately predict the driving range, and propose best charging points. The system also plugs into existing dispatch systems. The software is on offer to EV fleets and dispatch solution vendors under a license agreement. Automotive infotainment manufacturers are sought for a R&D project under Eurostars.

### GERMANY

[TODE20180412001](#)

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A German university has developed a new drug class for antibiotics against bacteria. The invention is still at a very early stage. The university offers a license agreement. This technology offer addresses pharmaceutical companies specialized in antibiotics.

### FRANCE

[TOFR20180410002](#)

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A French Technology Transfer Office (TTO) offers a new device useful for genomics, cloning or stem cell biology to get an innovative manipulation and more precisely a single cell manipulation. The efficiency of the process has been demonstrated. The French TTO is looking for industrial partners for a technical cooperation or a license agreement.

**UNITED KINGDOM**      [TOUK20180411001](#)      [Full text here](#)      [Request the address](#)

A UK-based SME has developed a novel small molecule that inhibits the Wnt cell signalling pathway that can lead to development of cancer. This molecule has been shown to have potent efficacy combined with excellent safety and is currently going through early clinical trials. The SME is looking to partner with other companies to take the molecule through clinical trials and into the clinic. The partnership is expected to be a licensing agreement or a technical cooperation.

**FRANCE**      [TOFR20180403001](#)      [Full text here](#)      [Request the address](#)

A French Technology Transfer Office (TTO) offers a new treatment dealing with the primary cause of genetic diseases due to nonsense mutation. It turns the protein with such a mutation into a complete functional protein, which allows to consider a full recovery. The French TTO is looking for pharmaceutical corporates or biotech companies interested by a licensing or a technical cooperation agreement. Investors operating in biotechnology are also targeted in the context of a financial agreement.

**ITALY**      [TOIT20180410001](#)      [Full text here](#)      [Request the address](#)

The company is an Italian startup, founded in 2014 by an academic research group. It offers innovative biological substitutes for surgical applications, with high biocompatibility, for soft tissue repair and regeneration. Technical and research cooperation agreements with EU companies and research institutions active in the field of medical devices and new materials are being sought .

**SPAIN**      [TOES20180410001](#)      [Full text here](#)      [Request the address](#)

A Spanish ICT company has developed a complete app tool for mobile journalism that allows the user (journalist, media, witnesses,...) to record and make high quality audiovisual pieces, ready to be broadcasted, in very fast and easy way by using just a smartphone. The company is looking for license agreements.

**AUSTRIA**      [TOAT20180409001](#)      [Full text here](#)      [Request the address](#)

An Austrian company has developed a novel converting facility to make fabrics and paper hydrophobic. The innovative technology enables the molecular modification of fibers in order that paper and fabrics become hydrophobic. Thanks to the new method, the material retains its original properties and is environmentally friendly. The company is looking for partners under technical cooperation agreement or commercial agreement with technical assistance to explore new application fields.

**SPAIN**      [TOES20180406002](#)      [Full text here](#)      [Request the address](#)

A Spanish biotechnological institute offers its bioinformatics service for the polishing of Pacific Biosciences sequencing assemblies in order to obtain a more accurate genome sequence. Biotech companies and academic researchers are sought for services agreements.

**ITALY**      [TOIT20180331001](#)      [Full text here](#)      [Request the address](#)

An Italian SME has developed an electric generator, reliable and easy to install, able to produce electricity by converting the kinetic energy present in any compressed gaseous carrier (compressed air, steam, etc ...) already at low pressure. It is able to recover energy from any gaseous vector at temperatures and pressures typical of "energetically exhausted" states, discarded by normal industrial processes. Research, commercial and licence agreement are sought with large and SME .

**FRANCE**      [TOFR20180305001](#)      [Full text here](#)      [Request the address](#)

A Micro Electro-Mechanical System (MEMS) has been developed for the non-invasive inspection of complex compounds, composites or living tissues. This MEMS is the sensitive part for Terahertz (THz) and far-infrared (FIR) wave detection, leading to an increased sensitivity and faster response in a drastically smaller device. A French company sourcing scientific findings looks for companies operating in THz or FIR spectroscopy or imaging for licensing agreement or technical cooperation agreement.

**FRANCE** [TOFR20180323001](#) [Full text here](#) [Request the address](#)  
A French TTO (Technology Transfer Office) is acting on behalf of an established public laboratory of the Paris region that has developed a flexible device able to convert mechanical energy into electricity with a finger tapping activation. This technology could be useful for powering or improving batteries lifetime for healthcare devices, transportation or electronic systems. The French public research centre is looking for partners for a technical cooperation or a license cooperation.

**FRANCE** [TOFR20180316001](#) [Full text here](#) [Request the address](#)  
An innovative bone substitute scaffold with high osteoinductive performance has been set up and fully investigated including large animal testing, by a research lab in the Paris region. The French Technology Transfer Office (TTO) acting on behalf the research lab, is looking for a licensing agreement with biomedical companies. A technical cooperation agreement may also be set up to help clinical investigation promoted by the partner. A financial agreement with investors may also be an option.

**SOUTH KOREA** [TOKR20180326001](#) [Full text here](#) [Request the address](#)  
A Korean SME has developed the technology applicable to orthodontic treatment. The existing technology has characteristics which fixed brackets are used, and they result in long-term treatment and non-aesthetic due to a certain appearance on teeth although it is the most effective method. Therefore, they have come up with the idea to compete with the existing ones. Partners should be interested in improving the techniques under license and commercial agreement with technical assistance.

**NETHERLANDS** [TRNL20180308001](#) [Full text here](#) [Request the address](#)  
Dutch telecom company with a Long Range Lo Power (LoRa) and Long Term Evolution (4G), category M1 (LTE-M) network is interested in supporting new internet of things applications with the use of LoRa and LTE-M technology. The company is looking for Open Innovation cooperation in offering solutions consumers to connect to their nearest and dearest, like their pets, or their favorite assets. Cooperation based on a commercial agreement with technical assistance.

**ITALY** [TOIT20180323001](#) [Full text here](#) [Request the address](#)  
An Italian SME has developed an irrigation “Decision Support System” (DSS) to manage the needed water quantities to protect crops. The innovative technology is a predictive platform for the irrigation watering management in agricultural environment. It is based on the atmospheric and soil sensor-data, geolocalized micro-zone weather forecast, to optimise, in an adaptive logic, the quantities of needed water. Licence, research and commercial agreement with technical assistance are sought.

**SPAIN** [TOES20180319003](#) [Full text here](#) [Request the address](#)  
An agrofood division of a Spanish technology centre is offering its NIR calibration services to companies interested in using new technologies to control their products, especially on biomass. Partnerships sought are services agreement (cereal sector, agriculture and agro-food, pharmaceutical, petrochemical, environmental, clinical and biomedical field) and research cooperation agreement with any type of entity on the previous fields, for future calls in Horizon 2020 (SC-2 or SC-5).

**SINGAPORE** [TOSG20180306001](#) [Full text here](#) [Request the address](#)  
The company is a Singapore-based SME Internet of Things (IoT) solutions provider with over 10 offices in Asia. Device makers can leverage a full-stack IoT team (Hardware/Software/Cloud Development) to increase time to market, avoid hefty development costs and risks and enhance the quality of their products. The SME is keen to partner device makers of all sizes through licensing and commercial agreement who are keen on integrating IoT into their existing products.

**GREECE** [TOGR20180222001](#) [Full text here](#) [Request the address](#)

A Greek company has developed a portable personal health record in the form of a USB card/mobile app that is fully compliant with the new EU general data protection regulation (GDPR) and remains in the individual's sole possession, serving as a single point of reference for their health information. It is designed to remotely, directly and securely collect, and safely store, a patient's complete medical file. A commercial agreement with technical assistance is sought with health providers.

**FRANCE** [TOFR20171123001](#) [Full text here](#) [Request the address](#)

A French Technology Transfer Office (TTO) offers a novel chemical compound with anti-proliferative and vascular inhibition properties validated in vitro and in vivo. It is a new class of chemical agents with a strong anti-cancer activity for the treatment of solid tumors, in particular in the colon, lung, ovaries and uterus. The French TTO is looking for technological partners for a license agreement, technical cooperation agreement or a research cooperation agreement.

**ESTONIA** [TOEE20180121001](#) [Full text here](#) [Request the address](#)

An Estonian SME has developed a filtering technology to process natural bog peat into a suitable form for cosmetic or natural products. The technology allows to extract active ingredients with unmatched concentrations of the minerals and bioactive compounds in the raw material. The company is looking for industry partners to obtain a commercial agreement with technical assistance or technology licencing agreement.

**ITALY** [TOIT20171222002](#) [Full text here](#) [Request the address](#)

An Italian company, founded in 2015 and working in the medical devices sector, has developed and patented a new type of catheter, which permits smaller needle to reach performance of bigger needle, to increase flow rate in a less invasive, less damaging, and less painful manner. The product is at the certification stage. The company is looking for a partnership in order to produce the device, and it can be done through a manufacturing agreement.

**SPAIN** [TOES20171009002](#) [Full text here](#) [Request the address](#)

Spanish researchers from an Information and Communication Technologies research group of a University have developed a self-managing system capable of making decisions by itself. It does not require a centralized computer system what reduces drivers' average waiting time at road intersections. They look for Information and Communication Technologies Companies and Research Institutions to develop the device to reach a license agreement or research/technical cooperation.

**BULGARIA** [TOBG20170525001](#) [Full text here](#) [Request the address](#)

Bulgarian institute's research team achieved breakthrough sensor technology in the framework of the FP7 project. SME or large company are sought for technological development of new sensors based on the Surface Photo-Charge Effect (SPCE). Industrial partners are sought for commercial agreement with technical assistance.