

TECHNOLOGY TRANSFER E-BULLETIN

Date: 04.09.2019



LITHUANIA

TRLT20190621001

[Full text here](#)

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A Lithuanian bakery is looking for a manufacturing automatization technology to upgrade their manufacturing line. The upgraded mechanism should be capable of folding a piece of cookie dough with filling on top of it in a specific way, as the last step in the manufacturing line before baking it. Technical cooperation agreement is sought.

THE NETHERLANDS

TRNL20190801001

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The Dutch recruitment company is looking for SME's and start-ups in Europe that offer solutions to provide candidates more control over their own data and make it easier for them to adjust and enrich their resume. The cooperation would be in the frame of a research agreement. This technology request refers to an innovation challenge published on an open platform.

THE NETHERLANDS

TRNL20190805002

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The Dutch law enforcement organization is looking for SME's and start-ups from Europe that offer solutions to meet and consult more efficiently, taking into account time, location and transport. How can they help the Dutch organization to develop a total solution in an online environment? The cooperation would be in the frame of a research or a technical cooperation agreement. This request refers to an innovation challenge published on an open platform.

UNITED KINGDOM

TRUK20190801001

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A school of graphology needs to analyse handwritten text not from a forensic perspective but following its own rules for measuring various features in the characters, lines and spacings. A description of requirements is attached to this profile. Academic or industry software developers are sought who are capable of building on existing tools for text analysis, based on these requirements. Type of co-operation may include technical, licensing, services agreements.

ITALY

TRIT20190705002

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An Italian R&D institution with experience in investigating the influenza A virus (IAV), is looking for partners for research cooperation agreement. His project applies NMR (nuclear magnetic resonance) and MD (molecular dynamics simulation) to understand how IAV recognize at molecular level their cell targets. This knowledge will provide new chances to develop anti-viral drugs and will improve a predictive capacity on virus characteristics that will help forestall future influenza epidemics.

THE NETHERLANDS

TRNL20190808001

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Dutch based company specialised in airport ground and air cargo services, with highest levels of safety and globally standardized procedures, is looking for its air cargo unit for a solution for the still manual netting and closing process of the ULDs, Unit Load Devices. To diminish the physical work and time spent without losing working compliant, company is looking for an automated technical solution in co creation or as a partner in the frame of a services or technical cooperation agreement.

THE NETHERLANDS [TRNL20190827001](#) [Full text here](#) [Request the address](#)

A worldwide operating Dutch consultancy and engineering company is looking for digital tools that could be integrated into one solution to increase efficiency of inspection of assets in infrastructure. Partners are sought for joint development in the frame of a services agreement. This Technology Request refers to an innovation challenge published on an open platform and all Expressions of Interest will be redirected to this platform.

FINLAND [TRFI20190820001](#) [Full text here](#) [Request the address](#)

A Finnish SME is looking for technologies for harvesting seaweed and algae, especially blue-green algae, from the oceans. The company is looking to use marine biomass as raw-material in their neo-ecology biorefinery plant. Their target is to both solve the environmental problem of eutrophication of waters and exploit biomass in a sustainable way. The expected partnership model is a license agreement or technical cooperation agreement.

THE NETHERLANDS [TRNL20190805001](#) [Full text here](#) [Request the address](#)

A Netherlands based worldwide operating medical device producer is looking for an alternative for polytetrafluoroethylene (Teflon) to create a super low friction inner surface in delivery catheters. The requested solution should be inexpensive and must meet strict medical requirements. The company is looking for a collaboration with industrial partners or research and development groups and envisions a license agreement or a technical cooperation agreement.

BELGIUM [TRBE20190724001](#) [Full text here](#) [Request the address](#)

A Brussels-based SME would like to expand its activities in the field of solar energy with the development of a wireless solar panel. They want to enter into a research cooperation agreement with a technology partner that can offer laser or induction technologies that can be integrated to the cells part of solar modules to run the electrical part of the photovoltaic technology.

LITHUANIA [TRLT20190715001](#) [Full text here](#) [Request the address](#)

Lithuanian herb processing plant specializes in manufacturing tea made of wild flora. Raw material might be contaminated with physical and biological agents. In particular, some herb leaves have millimeter-size insect eggs on them, which hatch when the leaves are already packed in tea bags. A technology which removes contaminated leaves from the production line is sought. Technical cooperation agreement is sought.

GERMANY [TRDE20190829001](#) [Full text here](#) [Request the address](#)

A German waste management association seeks a water turbine that is suitable for fluctuating water volumes and flow rates. The turbine is to be installed at a landfill site. The electricity produced should be fed into the public grid. A partner is sought who can provide a suitable turbine within a commercial agreement with technical assistance.

SPAIN [TRES20190616001](#) [Full text here](#) [Request the address](#)

A Spanish public body is looking for industrial partners or research institutions who can develop and implement an e-infrastructure with the capability to spatially integrate and manage several environmental online data coming from online storage platforms as well as other sources of information. This cloud based system will store, manage, maintain and offer possibilities of exploitation of the information collected. Partners are sought for technical cooperation agreement.

CYPRUS [TOCY20190805001](#) [Full text here](#) [Request the address](#)

Cypriot healthcare service provider SME has developed a platform that delivers near time diagnostic ECG services, certified ECG analysis reports and a wide range of cost-effective cardiac diagnostic and monitoring services such as alerts and devices management. The SME is looking for healthcare service providers (hospitals and doctors) for utilising the platform and for intermediary SMEs that can promote the platform along with its services under commercial agreement with technical assistance.

- CZECH REPUBLIC** [TOCZ20190802001](#) [Full text here](#) [Request the address](#)
A Czech research centre is looking to join a consortium within a European research project. The research team can contribute their expertise in photo/catalytic nanomaterials that are used for the removal of antibiotics from wastewater. Research cooperation agreement is envisaged.
- CZECH REPUBLIC** [TOCZ20190802002](#) [Full text here](#) [Request the address](#)
A Czech research centre is looking to join a consortium within a European research project. The research team can contribute their expertise in the field of biomaterials. Research cooperation agreement is envisaged.
- SPAIN** [TOES20190716001](#) [Full text here](#) [Request the address](#)
Spanish consortium of biomedical research centers is offering under license or joint venture agreements a device (external or integrated within a monitoring apparatus) that provides doctors with a disruptive way to integrate, analyse and visualize cardiovascular and respiratory signals. It provides new information such as pleural pressure (without further invasive device) or fluid response prediction for all patients. Main market is intensive care units, surgery and chronic diseases monitoring.
- UKRAINE** [TOUA20190719001](#) [Full text here](#) [Request the address](#)
The Ukrainian University has developed nano-hybrid materials created on the basis of polymer matrices that react to external stimuli (pH or temperature), become a trend of modern biotechnology. At present, such hybrid systems are considered as promising carriers for targeted delivery of drugs in malignant tumors, specifically for chemo- and photodynamic antitumor therapy. The University seeks research cooperation, license or a joint venture agreements with interested partners.
- GREECE** [TOGR20190726001](#) [Full text here](#) [Request the address](#)
A Greek SME that deals with advanced nanomaterial engineering in order to create new types of glass products, has developed an innovative electrochromic glass for cost effective lighting control. The company wishes to collaborate either with partners from the building sector under a license agreement and/or a manufacturing agreement, or with investors under a financial agreement.
- SWITZERLAND** [TOCH20190812001](#) [Full text here](#) [Request the address](#)
An interdisciplinary Swiss research centre offers to test products at different stages of development for senior citizens' private homes and/or care institutions. The products will be tested over a period of 3-6 months in actual living environments of elderly end-users. The research centre will collect data regarding user-friendliness and technology acceptance to identify the needs and obstacles regarding the product and improve market opportunities of partners. A research cooperation is sought.
- GERMANY** [TODE20190725001](#) [Full text here](#) [Request the address](#)
A German start-up developed a software platform for online sales of food directly from producers or growers. The start-up is looking for licensees for the online platform in European countries.
- AUSTRIA** [TOAT20190812001](#) [Full text here](#) [Request the address](#)
An Austrian company developed the first energy storage system based on a stationary, safe and absolutely environmentally friendly saltwater battery technology. The reliable and easy-to-use system is applicable for residential, off-grid, micro-grid and industrial utilizations (agriculture, hotels, manufacturers, public buildings,...). The integrated energy management system regulates and records energy in- & outflows. The company is looking for license- and technical cooperation agreements.
- LATVIA** [TOLV20190313001](#) [Full text here](#) [Request the address](#)
An institute from Latvia has developed a technology for automatic cleaning of solar panels. Technology relates to electrical engineering, namely - to semiconductor devices formed as panels, that convert solar energy into electrical. Technology has been designed to increase the efficiency of work of solar cells. Institute is looking for commercial agreement with technical assistance.

- FRANCE** [TOFR20190809001](#) [Full text here](#) [Request the address](#)
The French SME designs and manufactures a new generation of miniature, high-performance and high-quality antennas for space applications using SmallSats. The company has developed compact and lightweight new S, X and all GNSS (Global Navigation Satellite System) bands antennas and is looking for space agencies, universities, space suppliers for technical or R&D cooperation in the development or improvement of antennas.
- UNITED KINGDOM** [TOUK20190801001](#) [Full text here](#) [Request the address](#)
A UK-based SME has developed a novel formulation of well-characterised chemical entities that renders cancer cells resistant to range of targeted cancer treatments vulnerable to these treatments again. In addition it also works as a therapy in a range of tumours in its own right. The SME is looking to partner with larger pharmaceutical companies for first in human and clinical trials. It is envisaged that the partnership will be either a joint venture or a licensing agreement.
- POLAND** [TOPL20190805001](#) [Full text here](#) [Request the address](#)
A university-based team of scientists from Poland specialised in packaging technologies has developed a cardboard packaging material with a layer of heat-insulating foam. It is ideal for the food service industry as it absorbs excess moisture, preserves temperature, freshness and overall quality of food products, e.g. of takeaways. The scientists are interested in further development and implementation of the packaging material, therefore they are offering technical cooperation agreement.
- GERMANY** [TODE20190805001](#) [Full text here](#) [Request the address](#)
A German SME, active as distributor and local service partner of electronic devices, has developed hardware architecture which hinders the execution of malware and enables hereby the search for the producer. The system offers several advantages in comparison with state of the art malware detection software systems. The SME is searching for production licensees.
- SPAIN** [TOES20190806001](#) [Full text here](#) [Request the address](#)
A Basque (Spain) biopharmaceutical SME is currently running clinical trials in phase I/II for two different clinical indications (Acute Spinal Cord Injury-SCI and Acute Respiratory Distress Syndrome-ARDS) using a proprietary innovative stem cell therapy technology platform. They are looking for pharma companies interested in licensing the technology and investors interested in financing the company for further development of the clinical phases. A technical collaboration is also envisaged.
- UNITED KINGDOM** [TOUK20190830001](#) [Full text here](#) [Request the address](#)
A small UK consultancy has extensive know-how in replacing moulded vehicle parts with natural fibre composites. Its associates supply to well-known car brands but the whole field is still emergent so that the company offers many new products in the automotive, rail, aviation fields under commercial agreements with technical assistance.
- UNITED KINGDOM** [TOUK20190820001](#) [Full text here](#) [Request the address](#)
This UK start-up works with entrepreneurial companies, both large and small, to bring disruptive new products to market. Their multi award-winning micropump platform coupled with excellent development support enables their industrial, environmental and defence partners to develop new products that need tight pressure or vacuum control. Joint developments would include technical cooperation or commercial agreement with technical assistance, and licensing.
- UNITED KINGDOM** [TOUK20190725001](#) [Full text here](#) [Request the address](#)
The UK SME has developed a real-time energy mapping system, which combines data collection utilities, back-office database design and implementation, and web-server interface programmes. These combine to provide web-pages with a visual front end to systems dedicated to energy-saving solutions. The company offers its expertise to join consortia for new H2020 bids and to reutilize the product from earlier H2020 projects for new bids/EU projects.

UNITED KINGDOM **TOUK20190726001** [Full text here](#) [Request the address](#)

The UK SME has developed a mobile app to encourage users to be more aware of their energy use and encourage more efficient energy consumption. Energy use and savings can be compared with other linked app users. This comprises of data collection utilities, back-office database design and implementation, and mobile application. The company offers its expertise to join consortia for new H2020 bids and to reutilize the product from earlier H2020 projects for new bids/EU projects.

ITALY **TOIT20190725001** [Full text here](#) [Request the address](#)

An Italian startup has developed an innovative steam engine that can use waste heat or heat directly produced from renewable energy sources, like biomass. The new steam engine is featured by a high efficiency (up to 30%) and a reduction of CO2 emission. The company is looking for financial agreement and collaboration with engineering and manufacturing companies for the final development and commercialization via a joint-venture or technical co-operation agreement.

GERMANY **TODE20190730001** [Full text here](#) [Request the address](#)

A German company specialised in water quality control technologies has developed a novel ion-selective sensor system with WiFi-function for the continuous online control of (process) water hardness. The sensor system includes immediate signaling of deviations/exceedance of critical values and automatic softening adjustment and optimization. It is possible to expand the sensor to monitor other parameters e.g. heavy metals or nitrate. The company seeks commercial/technical cooperation agreements.

UNITED KINGDOM **TOUK20190716002** [Full text here](#) [Request the address](#)

UK company has developed an interactive digital platform for people from all ages and backgrounds to share their stories online so that they can be coached and empowered. They are looking for partners who can help with research with different target groups. Ideal partners can be universities, coaching companies, public health organisations. They are primarily interested in research cooperation agreement or commercial agreement with technical assistance.

THE NETHERLANDS **TONL20190726001** [Full text here](#) [Request the address](#)

A Dutch SME is a producer of single photon detector systems. The detection principle is based on the transition of a nanowire from the superconductive to the resistive state upon the absorption of a single photon. Main advantages are unparalleled detection efficiencies and superior speed, time resolution and signal-to-noise ratio. The SME is interested in commercial agreements with technical assistance to companies interested in co-developing dedicated photon detectors for their application.

BELGIUM **TOBE20190731001** [Full text here](#) [Request the address](#)

A Brussels SME that offers a flexi thin solar film concept is interested in joining a consortium to develop a project proposal under the H2020 call LC-SC3-RES9-2020 'Next generation of thin-film photovoltaic technologies'. Deadline: 11 December 2019. The Brussels SME is specialized in offering EPC (Engineering, Procurement and Construction) services for the installation of flexible thin solar films and is looking to develop a business case and exploitation strategy for this technology.

GERMANY **TODE20190815002** [Full text here](#) [Request the address](#)

A German university developed a process for weft insertion via rotary rollers in knitting processes. Applications are in weft feeding in warp knitting machines. Advantages include faster processing at lower process costs. The university offers license agreements to partners from the textile industry.

GERMANY **TODE20190815001** [Full text here](#) [Request the address](#)

A German start-up offers a biotechnological tool-box for an environmentally friendly agriculture. It is able to characterize the effect of bioactive substances/biostimulants on crop plants. It is evaluating plant defense response after simulated pathogen attack and growth parameters, e.g. fresh weight/fruit yield . It can be used to screen for interesting new biostimulants products. Plant breeder/biostimulant manufacturers are sought for research cooperation.

BELGIUM [TOBE20190725001](#) [Full text here](#) [Request the address](#)
Brussels based company specialized in European Railway Traffic Management System software and hardware is seeking partnerships with companies already active on the market in order to expand their business and internationalization with the objective to conclude commercial agreement with technical assistance. Details of the agreement are to be discussed depending on the needs of the partner. Preferred countries are Japan, China, North America and Latin America, although others are not excluded.

SPAIN [TOES20190830001](#) [Full text here](#) [Request the address](#)
A Spanish University has found the use of the compound 3-(2-isothiocyanatethyl)-5-methoxy-1H-indol, for the preventive or therapeutic treatment of degenerative diseases of the retina. This compound has demonstrated, in vitro and in vivo, its neuroprotective capacity in various models under laboratory conditions. Pharmaceutical companies interested in the commercial exploitation of this technology via patent licensing or technical collaboration agreements are sought.

SPAIN [TOES20190826001](#) [Full text here](#) [Request the address](#)
A Spanish research group of immunobiology offers new approaches for treating immune-related diseases such as graft rejection and cancer. The innovation is based on the use of biologics targeting precise co-signal pathways, that is, co-inhibitory and costimulatory pathways to modulate immune responses. The research group is searching for research collaborators within the academic environment or pharmaceutical companies willing to collaborate in their development and clinical use.

BELGIUM [TOBE20190806001](#) [Full text here](#) [Request the address](#)
A SME based in Brussels offers innovative flexible thin film solar modules that can be installed in locations where other photovoltaic technologies cannot, e.g. rooftops with difficult access, weak and/or temporary structures. It can be installed on vehicles (buses, trains, trucks, etc). They seek to join a consortium for the call LC-MG-1-12-2020 where they could play a role in the Innovation Action subtopic complementing the technologies tested in the living lab. Deadline is 9 January 2020.