

TECHNOLOGY TRANSFER E-BULLETIN

Date: 07.01.2019



BELARUS

[TOBY20181204001](#)

[Full text here](#)

[Request the address](#)

Research institute from Belarus developed a method to manufacture silumin with silicon particles of globular form. The properties of such aluminium-silicon alloy allow it to replace bronze in tribological applications improving the wear resistance 2 to 3 times. The institute is looking for industrial partners for manufacturing agreement or commercial agreement with technical assistance.

GERMANY

[TODE20181018001](#)

[Full text here](#)

[Request the address](#)

A German enterprise, active in fields of air handling and refrigeration technologies, developed a cryopreservable tissue model for cytotoxicity examinations. The solution is a novel cryopreserved of-the-shelf system with tissue-typical complexity. It helps to overcome limited transport and storage possibilities and capacities of 3D tissue models in cell culture plates. Partners are sought to conclude license, manufacturing, research cooperation or technical cooperation agreements.

SPAIN

[TOES20180510001](#)

[Full text here](#)

[Request the address](#)

A Basque SME that designs and produces tailor-made ceramic & cermet formulations offers antifouling and corrosion resistant coatings for seawater heat exchanger, high-temperature environments like power generation boilers and for off-shore marine machines. This SME has developed a technology that obtains much better results than conventional coatings sintered at low temperatures. They're looking for partners (Original Equipment Manufacturers) for technical cooperation or manufacturing agreement.

SPAIN

[TOES20181108001](#)

[Full text here](#)

[Request the address](#)

A Spanish SME, devoted to the design and manufacture of installations for all types of fluids, has developed an innovative high efficient system of hot water production from solar thermal collectors which allows significant energy savings both in industrial processes and household heating. The technology is patented and already in the market. The company is looking for energy solutions providers interested in a license agreement or an acquisition of the patent.

SPAIN

[TOES20181119003](#)

[Full text here](#)

[Request the address](#)

A Basque biotechnology SME focused on developing cell-based assays for High-Throughput Screening (HTS) & High-Content Analysis (HCA) has developed a family of fluorescent biosensors which allows the measurement of different G protein-coupled receptor (GPCR) activation pathways (G-Protein & β -arrestin) simultaneously in living cells by fluorescent imaging analysis on most HTS & high-content screening (HCS) platforms. They are looking for commercial with technical assistance or licence agreements.

ITALY

[TOIT20180709001](#)

[Full text here](#)

[Request the address](#)

An Italian R&D company specialised in new materials development, bio design, new technologies (bio printer and bio ink) is finalising the development of a new type of bio leather, a nano cellulose material obtained by bacterial fermentation, that has properties, such as resistance, conductivity and capacitivity. The company is seeking technology cooperation agreements, willing to offer its technology to potential partners in order to vehicle the product to the market.

- MACEDONIA** [TOMK20181204001](#) [Full text here](#) [Request the address](#)
 A Macedonian company specialized in manufacturing of equipment for processing coffee, cocoa, grains, spices and other foodstuffs, is offering technology for coffee and beans cleaning, packaging and milling. It is interested to find partners for service agreements.
- SLOVAKIA** [TOSK20181119001](#) [Full text here](#) [Request the address](#)
 A Slovak company engaged in engineering, geological and scientific research is looking for a partner for detailed research, development of technical solutions for cooling, heating of premises and power generation, as well as joint production of devices. Patents sale is also possible.
- UKRAINE** [TOUA20181211001](#) [Full text here](#) [Request the address](#)
 A Ukrainian institute offers vibrational spectroscopy analyses as well as thermal studies with techniques relating to microscopy and spectroscopy. The Institute has extensive experience in working with solid materials, powders, biological objects and liquids. The laboratory offers a wide optical range of investigation from infrared to ultraviolet radiation. The laboratory is interested in technical and research cooperation, as well as service agreements.
- UKRAINE** [TOUA20181213002](#) [Full text here](#) [Request the address](#)
 A Ukrainian company, one of the leading companies in the Ukrainian market of LED technology, is working on creating LED modules for retrofit lamps with improved thermal performance and light output suitable for both surface mount technology LED (SMD) and «Chip on board» (COB) and «Chip On Flex». These technologies allow realising flexible-rigid high-performance LED modules with three-dimensional arrangement on a foil polyimide board.
- UKRAINE** [TOUA20181225001](#) [Full text here](#) [Request the address](#)
 Company producing a device that optimizes fuel consumption and improves the environmental friendliness of vehicles and stationary installations up to 50%. The main advantages of the device are: - efficiency - quick and easy installation - long service life - does not require additional energy sources The Ukrainian company is seeking joint venture for production and bringing the technology to the european infrastructure market.
- SPAIN** [TOES20181120001](#) [Full text here](#) [Request the address](#)
 A Spanish technology-based SME has developed a novel platform backed by Blockchain technology for improving food traceability process. This platform makes possible that agrofood key players (retailers, distributors, producers, restaurants) can record data as well as any transformation and outputs of their products. The SME is interested in getting in contact with final users in the fields of agriculture and food management for commercial agreements with technical assistance.
- SPAIN** [TOES20181123001](#) [Full text here](#) [Request the address](#)
 A Spanish SME has developed a novel radiation-hardened A/D (analog to digital) converter that presents a sampling rate of 100 Msps (Megasamples per second), 12-bit resolution and an effective resolution (ENOB, "effective number of bits") of 10.4 bits for the aircraft and space industries, as well as for automotive and scientific-medical applications. The SME is interested in getting in contact with electronic devices manufacturers for commercial agreements with technical assistance.
- GREECE** [TOGR20181207001](#) [Full text here](#) [Request the address](#)
 A Greek innovative ICT start-up company specialized in the field of object detection algorithms. The company has developed image processing algorithms for software or hardware co-design that can be integrated in earth observation (EO) cube satellites enhancing data exploitation, as well as enabling critical applications. Partners of any size or type, active in satellite sector or ICT companies providing similar solutions are sought interested to conclude technical or research agreements.
- GREECE** [TOGR20181122001](#) [Full text here](#) [Request the address](#)
 A Greek SME company that offers software engineering services has developed an innovative intelligent management system that provides grid operators with the optimum operation scenario using renewable energy sources. The company is seeking to collaborate with distribution system operators (DSOs) and system

integrators that work with DSOs under technical cooperation agreements and commercial agreements respectively.

GERMANY [TODE20181130001](#) [Full text here](#) [Request the address](#)

A non-invasive method to stimulate the brain of hearing impaired persons to improve the recognition of spoken sentences has been invented by a German university. No surgical intervention is needed to markedly improve speech perception. It can be combined with hearing aids or cochlear implants or used independently for a better speech perception. Hearing instrument manufacturers are sought for further development under technical cooperation or research agreement aiming at a license agreement.

GERMANY [TODE20181130002](#) [Full text here](#) [Request the address](#)

A research institute from North Germany developed a contactless tonometer to measure the intraocular pressure (IOP) reliably and with high precision, without injuring the cornea. Patients can even carry out the measurement themselves, by using this self-tonometer. The client is looking for technical cooperation or research and development agreements to further develop this medical device. A subsequent license agreement is intended.

GERMANY [TODE20181113002](#) [Full text here](#) [Request the address](#)

A German research organization and a Dutch company are developing novel nanoparticle (NP) based imaging technology for medical diagnostics, including pre- and intra-operative tumor diagnostics. NP labeled tumors can be non-invasive and non-ionizing localized. Intra-operative control enables precise resection of tumor, without damage of surrounding healthy tissue. The technology should be further developed with clinical or industrial partners based on a research or technical cooperation agreement.

CZECH REPUBLIC [TOCZ20180903001](#) [Full text here](#) [Request the address](#)

A Czech technical university developed a device which increases the health safety of rescuers during fires and explosions and in other dangerous situations. During an event, a person using this device is constantly monitored via sensors. The university is looking for manufacturing and commercial partners for production and sale of the final product. Financial and licence agreement is offered.

CZECH REPUBLIC [TOCZ20180903002](#) [Full text here](#) [Request the address](#)

A Czech university developed a device capable of 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 and business partners who would be able to produce and distribute the device and offers license and research cooperation agreement.

CZECH REPUBLIC [TOCZ20180903003](#) [Full text here](#) [Request the address](#)

A Czech university developed technology of a cleaning mechanism for boilers of small thermal outputs. The university is looking for industrial and business partners who would be able to produce boilers of small and medium thermal outputs suitable for central heating of households and public buildings. The university offers a license agreement.

CZECH REPUBLIC [TOCZ20180904003](#) [Full text here](#) [Request the address](#)

A Czech university developed an electricity generating system. The system employs organic fluid with phase change temperature lower than steam which allows recovering heat from low temperature industrial sources. The university is looking for commercial partners specialised in production of heat engines and offers a license agreement.

FINLAND [TOFI20181129001](#) [Full text here](#) [Request the address](#)

A Finnish university is looking for licensees like specialty paper or printed electronics manufacturers for a multilayer coated paper substrate suitable for printed functional devices. The substrate can be recycled, and the raw materials used are widely available bulk chemicals for paper production and coating. The paper can be produced by roll-to-roll manufacturing and its properties can be readily tuned to suit the selected printing application and to achieve a desired function.

- SPAIN** [TOES20181128001](#) [Full text here](#) [Request the address](#)
 A Spanish start-up has developed an IoT (Internet of Things) platform to control, manage and secure machines and devices from different sectors. It can manage, locate, operate remotely, extract and visualize data and monitor all the relevant assets in real time. The company is looking for commercial agreement with technical assistance.
- SOUTH KOREA** [TOKR20180518001](#) [Full text here](#) [Request the address](#)
 A Korean company has studied for innovative changes in bathroom, especially toilet for twenty years. Toilet should be flushed down when levers are pressed, and the company found out that it is not hygienic and convenient, so they have come up with the idea of modules that flushes down the water automatically without physical touch. Also, the modules are performed with no aid of power and electricity. The company is open to license and commercial agreement with technical assistance.
- LATVIA** [TOLV20181031001](#) [Full text here](#) [Request the address](#)
 An SME from Latvia has developed innovative greenhouse heating technology which is cost effective and ensures optimal conditions for plants growing. The technology improves productivity of plants and significantly reduces expenses on heating. The technology can be used by small greenhouse owners as well as large production companies. The SME offers commercial agreement with technical assistance to manufacturers of heating systems for greenhouses to commercialize the technology.
- UNITED KINGDOM** [TOUK20181129001](#) [Full text here](#) [Request the address](#)
 A UK-based SME has developed novel fluorescent molecular imaging technology for biological and medical science research. They are offering their conjugated polymer nanoparticles to companies that are using fluorescent probes in their products, services or workflows to reach new markets and further develop their technology. It is envisaged that the partnership will take the form of a technical cooperation agreement.
- ITALY** [TOIT20181211001](#) [Full text here](#) [Request the address](#)
 A small Italian software and consultancy company, operating since 1991 particularly in the health sector, has prototyped a low-cost gesture recognition interface using available webcams to replace mouse and keyboard in aseptic environments, e.g. dentistry or surgery. The company is interested in commercial agreements with technical assistance to integrate the solution in existing health applications and in technical or R&D agreements for further improvements or extensions to other sectors.
- GERMANY** [TODE20180913001](#) [Full text here](#) [Request the address](#)
 A German university spin off offers a suite to simulate the microstructure of metallic material processes. It does not only provide common materials data such as stress-strain diagrams and composition maps without the need for extensive experiments, but it provides 3D data on all simulated quantities which can lead to new insights into materials development. Partnerships considered are on a technical cooperation and research cooperation basis.
- ROMANIA** [TORO20181119001](#) [Full text here](#) [Request the address](#)
 A Romanian SME is a developer of wireless products and technologies providing industrial grade monitoring and control services for critical applications. It offers mature and validated standardized industrial IoT (internet of things) capabilities in order to enhance the efficiency of renewable energy sources such as concentrated solar power (CSP), wind farms and photovoltaics. The SME is looking for a commercial agreement with a renewable energy plant operator and equipment provider.
- SINGAPORE** [TOSG20181120001](#) [Full text here](#) [Request the address](#)
 A Singaporean SME has developed a cloud-based access control solution suitable for numerous industries. It is a standalone locking system which utilizes the functional elements of locksets and the latest technologies, such as quality control software, a Secure Element (SE) microprocessor chip, and one-time password (OTP) to address multiple secure access concerns of enterprises. The SME is looking for licensing and technical cooperation partnerships with SMEs of all sizes and MNEs.

- SPAIN** [TOES20171018001](#) [Full text here](#) [Request the address](#)
 A Spanish company offers its facilities and expertise in construction materials, energy efficiency and renewable energies to other entities interested in joint research/innovation projects. The company, a world leader in the production/commercialisation of slates for roofs and in natural stone is willing to research and develop new products and industrial process through research cooperation agreements.
- SOUTH KOREA** [TOKR20181129001](#) [Full text here](#) [Request the address](#)
 A Korean company specialized in propulsion system engineering developed a gas turbine maintenance and management system named EMAS (Enhanced Maintenance Assistance Solution). This solution suggests a convenient and economical way of managing gas turbine to institutions related to aviation, ship, electricity generation, and land transportation. The SME is seeking partners to conclude license agreement and commercial agreements with technical assistance to enter the international market.
- SINGAPORE** [TOSG20181121002](#) [Full text here](#) [Request the address](#)
 A Singapore research institution has developed an Optical Immunoassay Iridovirus Detection Kit for rapid on-site diagnosis of fish disease. This kit will be useful in marine farm biosecurity risk management and will help reduce the mortality rate of freshwater aquatic animals. The institution is seeking industry partners (SMEs of any sizes or MNEs) in the agriculture and fishing sectors for licensing partnerships.
- ITALY** [TOIT20181205001](#) [Full text here](#) [Request the address](#)
 An Italian R&D center is developing a new organization and management model for an infrastructure-less mobile charging service for electric vehicles (EV). The solution involves an optimal logistic model, focused on the efficient delivery of the charging units through a “cargo” delivery EV. In addition, the innovation of the service concerns a compact charging unit for EVs. The Italian R&D center is looking for cooperations under technical cooperation and research agreements.
- ITALY** [TOIT20181126001](#) [Full text here](#) [Request the address](#)
 An Italian ICT company has developed a risk management system for the detection and reporting of defects in the road surface. It is an easily installed and low cost system. It is able to detect all the alterations of the road surface and to provide a real time risk map. They seek partners internationally with entities responsible for road maintenance, for cooperation under commercial agreements with technical assistance and research cooperation agreements.
- ITALY** [TOIT20181214001](#) [Full text here](#) [Request the address](#)
 An Italian technology startup operating in the indoor localization and navigation technology provides a powerful hybrid geomagnetic indoor localization solution. This technology is efficient, inexpensive and reliable and it is able to overcome the tradeoff between precision and cost of infrastructure setup and maintenance, imposed by technologies currently available on the market. They are looking for cooperation under license and commercial agreement with technical assistance.
- THE NETHERLANDS** [TONL20181009001](#) [Full text here](#) [Request the address](#)
 A Dutch SME is a leading developer in the area of medical surface modifications. It's surfaces transform the performance of medical implants and devices for major medical device companies. The company has developed the only known surface that delivers true bone cell attachment for implanted devices cleared by the US Food and Drug Administration. The company is looking to expand business opportunities in the framework of commercial agreements with technical assistance.
- UK** [TOUK20181121001](#) [Full text here](#) [Request the address](#)
 A UK company has introduced novel coating for high hardness and low friction, superior to anodising or plasma electrolytic oxidation (PEO). Fast moving parts in various machinery and engines have a longer life, whilst being easier to produce. Manufacturers of machinery in various sectors such as textiles, packaging, aerospace, food, motor sport, luxury goods, are sought for manufacturing and commercial agreements with technical assistance, and licensing.

- UK** [TOUK20181213001](#) [Full text here](#) [Request the address](#)
 A UK start-up has scaled up the manufacturing of affordable, flexible and washable graphene inks. They also have extensive expertise in various printing techniques. They seek manufacturers of outdoor clothing to participate in producing gloves with enhanced user functionality in the first instance. The project would progress under a technical or research co-operation agreement.
- ITALY** [TOIT20181210001](#) [Full text here](#) [Request the address](#)
 An Italian startup has developed a new proximity communication system and app that allows clients to manage communications, have interactive visit experiences, or exchange private messaging and offline communications (including in emergency cases), through Bluetooth Low Energy to connect with other devices (nodes), in the surroundings. The startup is open to technical cooperation agreements with private or public partners or research agreements for adapting the tool to specific needs.
- SPAIN** [TOES20181203002](#) [Full text here](#) [Request the address](#)
 A Spanish biotechnological research institute offers expertise and equipment in isolation and identification of microorganisms, protein purification and characterization, genomics, metagenomics, transcriptomics, metatranscriptomics, proteomics, process development of microbial high-value products production and validation. The centre is interested in joining a consortia in order to submit a H2020 proposal to the call “biotechnology on plastic degradation” under a research cooperation agreement.
- GERMANY** [TODE20181101001](#) [Full text here](#) [Request the address](#)
 German SME offers an online logistics shop system for sales of sea, land and air freight to forwarding companies that want to become competitive in the digital landscape. It digitises all core processes of logistics sales and can be integrated into the web presence of the forwarding company, customised to specific needs and design and integrated with back-office ICT-systems. Commercial agreements with technical assistance are offered for customised development, implementation and hosting.
- CZECH REPUBLIC** [TOCZ20181122001](#) [Full text here](#) [Request the address](#)
 Czech university developed natural organic- inorganic filler at a low volume of 1.0 phr (parts per 100 parts of resin) that, when integrated in epoxy resin, can decrease coefficient of friction by 10 % and increase the wear resistance of a filled epoxy resin up to 75 %. The university would like to cooperate with a manufacturer of leveling materials, cements, polymer concrete compositions based on licence agreement.
- HUNGARY** [TOHU20181115001](#) [Full text here](#) [Request the address](#)
 A Hungarian company has developed a patented technology that provides a solution for transforming municipal sewage sludge into solid fuel (Solid Recovered Fuel - SRF), which also enables sewage plants to achieve significant cost savings. The company is looking for potential licensing partners in the field of sewage plant construction and operation.
- GERMANY** [TODE20181109001](#) [Full text here](#) [Request the address](#)
 A German SME has developed an holistic software and hardware platform for remote patient monitoring, emergency communication and other uses in various industries. The SME seeks partners, like medical supply firms or hospitals, as well as partners from other industries, interested in using this technology in the framework of a license agreement.
- LITHUANIA** [TOLT20181122001](#) [Full text here](#) [Request the address](#)
 Lithuanian IT company specializing in artificial intelligence and deep neural network applications development is seeking for partners. The company concerns on deep learning and triggered an entire range of new projects in object recognition and other applications. The company has successfully tested and implemented developed technologies mainly working as part of governmental projects. They are currently seeking partners for joint venture and/or commercial agreements with technical assistance.
- SINGAPORE** [TOSG20181121004](#) [Full text here](#) [Request the address](#)
 A Singapore research institute has developed a microfabrication process that can be used to produce a thin film of nickel which is characterised by fine through-hole features. The developed process helps in the manufacture

of metal membranes that can be used for various filtration and separation processes. The research institute is seeking partners, including all sizes of SMEs and MNEs through licensing agreements.

SPAIN [TOES20181213001](#) [Full text here](#) [Request the address](#)

A Spanish technology center has developed a collaborative platform that allows improving efficiency up to 70% (versus common solutions), the production processes, in particular supplier homologation and technical product specification. The platform allows the digitalization and integration of all company's processes following specific standards. The center offers licence agreements for the parameterization and implementation of the solution in food companies to improve information management.

THE NETHERLANDS [TONL20181203001](#) [Full text here](#) [Request the address](#)

Dutch SME and co-creator of practical solutions in measuring and control technology offers technical and research cooperation or services agreement for development for medical devices. The company offers its knowledge and skills in mechanics, electronics, software and medical biology to work with research groups,(spin-off) SMEs and multinationals to develop a technology from proof of concept stage to a market ready device. The company is open to cooperation in Eurostars or Horizon 2020 projects.

ROMANIA [TORO20181126001](#) [Full text here](#) [Request the address](#)

A group of Romanian researchers has developed a mobile laboratory for the investigation, diagnosis, monitoring and restoration of heritage components, which performs in a short period of time a set of measurements and analyses on movable or immovable art objects, historical buildings, archaeological sites and other heritage objects. The Romanian team is looking for interested SMEs, universities and research centers for cooperation based on services and/ or research cooperation agreement.

ROMANIA [TORO20181127001](#) [Full text here](#) [Request the address](#)

A team of Romanian researchers has developed a visualization technology for the investigation of data obtained on the surfaces of the work of arts. This technology delivers a series of visual data, in digital format, associated with a 3D replica of the investigated surface; the data is presented as textured images on the surface of the 3D model. The Romanian research team is looking for SMEs, universities and research institutions for services and/ or research cooperation agreement.

TURKEY [TOTR20181114001](#) [Full text here](#) [Request the address](#)

A Turkish software developer SME is looking for partners that can help the market launch in the European market of their innovative ticketing system for public transport. Framework of cooperation would be commercial agreement with technical assistance with transport operators or companies who sell solutions to them.

SINGAPORE [TOSG20181121003](#) [Full text here](#) [Request the address](#)

A Singapore research institute has developed a shaving cream with the ability to control bleeding that may occur due to possible nicks and cuts while shaving. The shaving cream, with the presence of hemostatic agents with added moisturizing and anti-microbial properties is being offered for licensing. The R&D institute is keen to establish a licensing agreement for its grooming product with SMEs of all sizes and MNEs.

SPAIN [TOES20181107001](#) [Full text here](#) [Request the address](#)

A Spanish university has developed a new enzyme delivery system for the treatment of Lysosomal Storage Diseases. The system has exhibited a great capacity to immobilize and transport different enzymes used in enzyme replacement therapies (ERTs) reducing the dose of enzymes used in ERTs treatments. As a result, the stays at the hospitals and the side effects can also be reduced. The university is looking for license agreements with pharmaceutical companies interested in this technology.

GERMANY [TODE20181210001](#) [Full text here](#) [Request the address](#)

A German university offers a new explicit model predictive control solution, optimized in a way that enables higher control speed and real time capability in process and control engineering and plant engineering. The technology is furthermore characterized by energy efficiency. Industrial licensees with an interest in further development are sought.

ITALY [TOIT20180418002](#) [Full text here](#) [Request the address](#)

This Italian software development company, founded in 2004, is specialized in advanced mission analysis. The company has experience in planning and in simulating tools for space applications, with particular focus in Earth Observation. They are seeking potential partners for commercial agreement with technical assistance.

GERMANY [TODE20181205001](#) [Full text here](#) [Request the address](#)

A German research institute has developed a needle assembly for relieving a pneumothorax. The newly developed needle assembly is one simple medical instrument providing all processing steps. It makes this life-threatening procedure easier and faster to handle compared to state-of-the-art solutions. The inventors are now looking for partners for prototype development, e.g. under a technical/research cooperation agreement. Further, partners for a license agreement are sought.

ITALY [TOIT20181026001](#) [Full text here](#) [Request the address](#)

This Italian high tech SME offers a handling system for the multi-sensory enjoyment of artworks. Unlike the known solutions for the multi-sensorial enjoyment of the artworks, it enables the enjoyment of different artworks in a single exhibition tool. The company is developing a prototype and seeking technological partners in order to complete the development and get a ready to market product, under technical cooperation agreements.

LITHUANIA [TOLT20181111001](#) [Full text here](#) [Request the address](#)

Lithuanian IT company specializing in process management system development has created an artificial intelligence enabled stock management solution. The proposed solution can be fully integrated in any automated process system helping to increase process speed accuracy, while reducing labour costs. Company is seeking for a partnership based under the commercial agreement with technical support for their technology.

SPAIN [TOES20181210001](#) [Full text here](#) [Request the address](#)

A Spanish university has developed a technology for modeling complex phenomena and predicting their behavior with the aim of making important decisions. It allows the utilization of large amounts of georeferenced data that could not be used until now due to the difficulty of processing them with conventional techniques. Researchers are seeking partners to reach commercial agreements with technical assistance or develop R&D projects.

GERMANY [TODE20181122001](#) [Full text here](#) [Request the address](#)

A German company has developed a range of biologically active (hybrid) filter materials for the selective elimination of gaseous pollutants e.g sulphur compounds from biogas or pollutants and odours from industrial waste air e.g. ammonia, hydrogen sulphide, butyric acid, skatole, etc. This alternative to active carbon filters is regenerated in the filter process and thus allows multiple uses. The company seeks commercial agreements in the waste air cleaning sector.

ITALY [TOIT20180412001](#) [Full text here](#) [Request the address](#)

A SME from Northern Italy is developing innovative tools for resource management in agriculture through satellite data, by: developing of calculation tools for nutrient balance into crops management; design of database for the storage of farms management data; developing and validation of prescription maps and crops monitoring tools from satellite imagery. Partners are sought for research, technical or commercial cooperation with technical assistance; interested also in finding investors.

SPAIN [TOES20181203001](#) [Full text here](#) [Request the address](#)

Spanish company, experienced in bespoke development with big data, cloud-native architectures (containers, microservices, etc), internet of things and artificial intelligence technologies, seeks partners interested in co-creation of new products for vertical markets, especially in cyber security and financial sector under joint venture or research cooperation agreement.

ITALY [TOIT20181210002](#) [Full text here](#) [Request the address](#)

An Italian company operating in the field of industrial engineering, is offering a new patented apparatus and equipment for the resetting and positioning of the axes of numerical control machines. It provides for safety,

reliability and efficiency in mechatronic systems. The company is interested in establishing partnerships with advanced machinery manufacturing companies for licensing agreements.

CHINA [TRCN20180828003](#) [Full text here](#) [Request the address](#)
A company mainly engaged in Electric Power Steering (EPS) is looking for vision recognition and signal processing technology of Advanced Driver Assistance Systems(ADAS). They want to cooperate with partners through research cooperation agreement and technical cooperation agreement.

CHINA [TRCN20180902001](#) [Full text here](#) [Request the address](#)
A Chinese energy saving service company is looking for distributed energy and energy storage technology. They require this technology because it is convenient to build. It can save money, time and energy. They want to cooperate with partners through research cooperation agreement and technical cooperation agreement.

CHINA [TRCN20180902003](#) [Full text here](#) [Request the address](#)
A Chinese engine pump manufacturing company is looking for modular integrated design and control technology for intelligent lubrication system of new energy vehicle. They want to cooperate with partners through research cooperation agreement and technical cooperation agreement.

CHINA [TRCN20181019004](#) [Full text here](#) [Request the address](#)
A Chinese genetic disease and oncogene detection company is looking for technologies to detect bladder cancer. A non-invasive detection, only using blood or urine, is sought, and with no surgery or puncture biopsy required, while achieving tissue detection sensitivity and specificity. They want to cooperate with partners through research cooperation agreement and technical cooperation agreement.

FRANCE [TRFR20181009001](#) [Full text here](#) [Request the address](#)
A French SME working in the aircraft domain is looking for rectifiers, with a maximum weight of 4 kg, to be integrated in a new light and environmentally friendly aircraft. Technical cooperation, license or manufacturing agreement is sought with industry or technical centers.

LITHUANIA [TRLT20181210001](#) [Full text here](#) [Request the address](#)
A Lithuanian company which is developing engineering systems and prototypes seeks for license agreement or technological support for monitoring the walls thickness of tanks made from glass reinforced plastics. The company is looking for a technological cooperation or license agreement with a company supplying or commonly developing a hand held system for the monitoring of the thickness of wastewater tanks wall.

GREECE [TRGR20181210001](#) [Full text here](#) [Request the address](#)
A medium-sized Greek company is active in the field of solid waste recycling. The company is looking for a suitable technology for removing labels from glass surfaces, under commercial agreement with technical assistance.

SPAIN [TRES20181217001](#) [Full text here](#) [Request the address](#)
A Catalan construction & engineering company is launching a challenge to collaborate with disruptive start-ups providing solutions in 2 main areas: digitalization of construction and improvement in facility service management. They are looking for solutions based on artificial intelligence, augmented/virtual reality, big data, building information modelling, cloud computing, computer vision, internet of things or robotics. They are interested in a license or a technical cooperation agreement.

UK [TRUK20181122002](#) [Full text here](#) [Request the address](#)
The UK company is a textile design business operating in the high end fashion market and specialising in organic and recyclable fabrics for outerwear and clothing accessories. They are looking for partners with expertise in sustainable and novel high-tech textiles to help them develop innovative eco-friendly fashion products. A technical cooperation agreement is sought.

UK [TRUK20181207001](#) [Full text here](#) [Request the address](#)
A UK-based chemical company is looking for novel safe antimicrobial technologies for multiple applications. The company is willing to invest to develop further and register the technology in Europe under BPR (Biocide Product

Regulation) and elsewhere with a view to sell the technology in coatings, textiles, polymers, adhesives and elastomers. The chemical company seeks to partner with universities, research institutes and companies in the form of licensing agreement or technical cooperation.

SPAIN [TRES20181203001](#) [Full text here](#) [Request the address](#)

Spanish technology centre specialized in the development of solutions for safety automotive sector, is looking for a provider of passive safety testing products and test equipment. The products requested is a humanlike anthropomorphic test devices (ATD) representing a 50th male percentile and a 10 years old child surrogate both with improved biofidelity and dynamic response against frontal, lateral and oblique impacts. Services and commercial agreement with technical assistance are sought.

UK [TRUK20181123001](#) [Full text here](#) [Request the address](#)

This UK agricultural treatment systems supplier seeks a developer and manufacturer of a bespoke dosing system which will store, mix, incubate and dose a substrate into an effluent treatment system. The required dosing system needs to be internet connected (IOT) in order to be configured remotely and securely. The system may be connected to external chemical sensors to provide feedback to the dosing system. Seeking technical cooperation, manufacturing and/or service agreement.

UK [TRUK20181107001](#) [Full text here](#) [Request the address](#)

UK company developing an electronic tag for farmers to track and monitor their livestock to minimise losses is looking for a partner with IT skills working with sensors to co-develop the product, advance the mathematical models, data analysis and conduct research in the development of the integrated model and bring together multiple disciplines. The company is seeking either a research or technical co-operation agreement with organisations that have appropriate experience and skills.

FRANCE [TRFR20181106001](#) [Full text here](#) [Request the address](#)

A French SME specialised in the development, production and installation of unique outdoor recreational areas is looking for innovative equipment with high social or interactive value to improve the well-being of city dwellers belonging to different generation and social groups. It is interested by technical or commercial (with technical content) cooperation with companies already having such equipments or products.

SINGAPORE [TRSG20181206001](#) [Full text here](#) [Request the address](#)

A Singapore-based multinational enterprise (MNE), active in the marine and offshore industry, has direct access to continuous supply of copper slag as a by-product of blast cleaning operations in shipyards. The spent copper slag remains as a waste product and is recycled and supplied to the construction industry. The company seeks to partner SMEs of all sizes or research institutes that can develop high-potential applications that use the waste copper slag via research or licensing partnerships.

UK [TRUK20181106001](#) [Full text here](#) [Request the address](#)

UK start-up is developing a social platform that allows specific professionals to connect, job share, manage overheads etc. using artificial intelligence (AI) and machine learning (ML) to centralise and optimise data in current systems to deliver a robust platform that will eradicate staffing shortages. Partners with Artificial Intelligence, Machine Learning, software development sought to enter into a services agreement to build a prototype.

GERMANY [TRDE20181213001](#) [Full text here](#) [Request the address](#)

A German company specialised in viscose specialty fibres is looking for partnerships to develop cellulosic viscose fibres with superior mechanical and chemical properties for applications in functional apparel textiles, technical nonwovens, hygiene products and specialty papers. Research and technical cooperation agreements are sought.

SWEDEN [TRSE20181213001](#) [Full text here](#) [Request the address](#)

A Swedish SME has developed a new type of X-ray tubes and is now looking for a manufacturer of small high precision components to produce a grid consisting of a mesh (about 6 mm in diameter) and a copper holder. The X-ray tube provides a precise, stable, high-flux micro focus beam using ZnO cold cathode technology. The

company has a partner for prototype production, but wants to establish a partnership and an agreement with a manufacturer in Europe to scale-up the production.

LUXEMBOURG

[TRLU20181109001](#)

[Full text here](#)

[Request the address](#)

Active in flooring products for the building sector, a Luxembourg based company is looking to develop and implement a unique, invisible to customer track & trace solution. The solution must allow the stakeholders to rapidly identify a product, using widespread technologies. The company is looking for research or technical cooperation agreement.

GERMANY

[TRDE20181120001](#)

[Full text here](#)

[Request the address](#)

A German SME invented a biogel for regulating/balancing the human intestinal flora. It is vegan, free of lactose and artificial preservatives/sweeteners. They look for industrial partners, e.g. food producers for a manufacturing agreement. Production and filling/packaging requirements are, e.g. production of two dry mixes, cooking, addition/homogenization of ingredient, filling machine, first and second packaging in sachets as well as storage.