

TECHNOLOGY TRANSFER E-BULLETIN

Date: 04.02.2019



SPAIN

TOES20181119002

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A Basque biopharmaceutical SME focused on the discovery, development, production and commercialization of new cell therapy and tissue engineering products for Regenerative Medicine is exploring strategic and financial alternatives based on partners' collaborations, services, licenses and/or commercial agreements to develop proprietary cell therapy products and to provide GMP (Good manufacturing practice) cell production services to companies, hospitals and institutions.

FRANCE

TOFR20181218001

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A French company specialized in surface and image analysis working on a new updated and advanced version of its software is looking for licence agreements and commercial agreements with technical assistance with manufacturers of scientific instrumentation (scanning electron microscopes, scanning probe microscopes, profilometers, spectral analyzers etc.) to integrate its image/surface analysis solutions in their equipment. Cooperation with research institutes is also sought.

UKRAINE

TOUA20181221001

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An IT company from Ukraine offers a new Smart-system of innovative transformation of electric networks and intelligent technologies for power consumption optimization and energy saving. The advantages of the proposed system: using of new information technologies in the energy sector; new opportunities of innovation and investment transformation of power supply systems; low cost and ease of use. The company is looking for subcontracting or outsourcing agreements.

POLAND

TOPL20190114001

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A Polish inventor and an experienced technologist with extensive technical knowledge, possessing many implemented and used inventions, he is looking for an investor in order to create a prototype, test and launch an innovative Implosion-Carousel Wind Machine on the market. The turbine is suitable for both domestic and industrial use and allows the generation of energy at a very low cost and without harming the environment. Financial cooperation is sought.

GREECE

TOGR20190123001

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The Greek SME is active in equipment manufacturing for fruit and vegetables, covering all stages of production. It has developed a technology that permits direct cooling of the fresh fruits and vegetables after the harvesting process. The SME is looking for partners for a commercial agreement with technical assistance.

GREECE

TOGR20190122001

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A Greek company specialized in the development of innovative relamping products (lamps and modules) is offering a modular lighting device that can retrofit any existing lighting fixture that utilizes high intensity discharge (HID) or incandescent lamp and upgrade them to LED technology. Industrial partners active in lighting sector are sought with an interest in establishing a commercial agreement with technical assistance.

- GERMANY** [TODE20190118001](#) [Full text here](#) [Request the address](#)
 A German digital health start-up develops software for medical reporting in radiology. The software creates structured, standardized reports using decision trees and is integrated with a competent assistant that makes specialist knowledge accessible. Reports are complete and fully machine-readable and can thus be directly used for medical databases. The software is a platform solution and can be integrated in hospital systems. Research, technical cooperation and services agreements are sought.
- GREECE** [TOGR20181130001](#) [Full text here](#) [Request the address](#)
 A Greek company develops, markets, and manufactures materials and components for a range of clean energy applications. It seeks energy systems developers to improve and/or adopt the company's technology (joint venture or commercial agreement with technical assistance) and universities/R&D institutions to develop next generation materials technologies (technical or research cooperation agreement).
- SINGAPORE** [TOSG20190115001](#) [Full text here](#) [Request the address](#)
 A Singapore SME has developed a method for non-invasive blood glucose level detection using photoplethysmography (PPG) technology. It employs an algorithm which predicts blood glucose levels by analysing the heartbeat of the person and eliminates the need for multiple painful invasive tests, making diabetes management simpler. The Singapore SME is seeking partnerships with all sizes of SMEs, MNEs or healthcare organisations through technology licensing.
- SLOVAKIA** [TOSK20181111001](#) [Full text here](#) [Request the address](#)
 The Slovak company has been one of the leading central EU companies conducting industrial research in the area of organic chemistry. The research focuses primarily on petrochemical and other organic synthesis, processes and products to the level of technological foundations for new production facilities. The company would like to offer its external research capacities and analytical services under research cooperation or services agreements.
- SLOVAKIA** [TOSK20181112001](#) [Full text here](#) [Request the address](#)
 Established Slovak scientific and research institute in cooperation with a private company has successfully managed to prepare unique polymer composites for 3D printing consisting of a polymer matrix and a filler, whereby as the polymer matrix recycled polyethylene terephthalate glycol (rPETG) is used and the filler is a mixture of expanded graphite and carbon fibers in a suitable ratio. The preferred cooperation types are license agreement, financial agreement or commercial agreement.
- SLOVAKIA** [TOSK20190111002](#) [Full text here](#) [Request the address](#)
 Established Slovak scientific research institute has developed a highly effective composite sorbent for the removal of contaminants from water for drinking purposes. These are mainly heavy metals such as arsenic, antimony, chromium, cadmium, lead and others. The composite sorbent can be also used in wastewater treatment, including wastewater from chemical and electronic industry. The cooperation types they would like to cooperate via are license agreement or research cooperation agreement.
- SLOVAKIA** [TOSK20190111001](#) [Full text here](#) [Request the address](#)
 A Slovak scientific institute has developed a new generation magnetoelastic deformation sensor based on advanced amorphous/ nano (quasi) crystalline materials. The sensor was tested in real conditions such as on a water dam, tunnel and a gas pipeline with excellent results. Application possibilities of the technology are in civil engineering, traffic, geotechnics, hydrology and soil mechanics, etc. The preferred cooperation types are license agreement and research cooperation agreement.
- SINGAPORE** [TOSG20190108006](#) [Full text here](#) [Request the address](#)
 A Singapore academic and research institute has built a low-cost multilingual speech-to-text (S2T) transcription and translation software that runs on smartphones, mobile devices, tablets, and laptops, enabling effective communication for people with disabilities. The institute seeks partnerships with SMEs of any sizes and MNEs through technology licensing or research cooperation agreements.

CROATIA [TOHR20180924001](#) [Full text here](#) [Request the address](#)
Croatian SME specialized in electronic product design is providing hardware and software development at one place. They are looking for partners whom they can offer their expertise in development and production of electronic products and applications in form of Technical cooperation agreement and Services agreement.

SPAIN [TOES20190110002](#) [Full text here](#) [Request the address](#)
Spanish researchers have developed a novel, simple procedure to isolate highly crystalline graphene so that it can be transferred from its growth silicon carbide (SiC) substrate to arbitrarily another one, such as a dielectric for electronic device applications. This novel transfer method has been experimentally proven, showing good performance and reproducibility. Graphene or SiC producers and device makers are being sought to exploit the know-how through a patent license agreement.

SPAIN [TOES20190110001](#) [Full text here](#) [Request the address](#)
Spanish researchers have developed a novel smart system which warns about changes on fish behaviour responding to external factors which are controllable in a fish farm. The system is a small, less invasive and harmless device that allows fish farmers to identify stressed fish and to perform selective breeding in a more efficient manner. Industrial partners dedicated to the manufacture or development of fish farming products are sought to collaborate through a patent license agreement.

ROMANIA [TORO20181231001](#) [Full text here](#) [Request the address](#)
The Romanian-based IT startup has developed a mobile platform dedicated to offering personalized hotel services and offers for guests worldwide. The startup is looking for partners interested in implementing a personalized guest request management solution via commercial agreement with technical assistance or services agreement.

ITALY [TOIT20181123001](#) [Full text here](#) [Request the address](#)
Italian company is developing a low-cost, inorganic material particularly suitable for efficiently removing cesium from radioactive water, but also successfully tested on strontium, nickel, cobalt and uranium. The company is looking for partners to sign technological cooperation agreements with the purpose to bring the new product to the market.

CZECH REPUBLIC [TOCZ20190121002](#) [Full text here](#) [Request the address](#)
A Czech company offers an equipment for a Chemical Vapour Deposition (CVD) for both mass production and/or for demanding R&D. The tools can be used for process development and materials growth in many areas of research including semiconductor, photovoltaic (PV), and other nanotechnological applications. The company is looking for a cooperation based on a commercial agreement with technical assistance or a research cooperation agreement.

SPAIN [TOES20181009003](#) [Full text here](#) [Request the address](#)
An engineering research group from a Spanish university proposes an intelligent control system of the activity of street lighting luminaires based on LED technology. This system is intended to start / stop / mitigate conveniently the lights located primarily on highways. The research group is looking for manufacturing agreements and commercial agreement with technical assistance.

LITHUANIA [TOLT20181109001](#) [Full text here](#) [Request the address](#)
Lithuania based lab offers anodized aluminum (AA) coating with our in-house developed biobased filler improving surface hardness, corrosion resistance, paintability and other important properties. This coating is not polytetrafluoroethylene-based, does not require complicated coating facility and with additional development can be customised for other metal types. Technology developer is seeking for partner to work under the joint venture or commercial agreement with technical assistance.

UNITED KINGDOM **TOUK20181122001** [Full text here](#) [Request the address](#)

A UK SME has developed a novel solution able to detect harmful nano particles within the environment. Areas of potential application include aircraft cabin air monitoring, personal care product development, anti-terrorism and prevention to consumers/workers who may be exposed to harmful substances. Potential partners/ investors are sought to introduce the technology into global markets via financial, joint ventures and licensing agreements

UNITED KINGDOM **TOUK20190117001** [Full text here](#) [Request the address](#)

A UK company has optimised communications technology for price-sensitive devices that still need quality of service. These include smart metering, lighting and similar internet of things (IoT) applications. The company has established a significant partner eco-system encompassing multiple meter manufacturers and system integrators. They are seeking further integrators supplying into utilities, IoT, smart cities, for licensing and technical cooperation.

UNITED KINGDOM **TOUK20190116001** [Full text here](#) [Request the address](#)

A UK startup is testing a novel bistable smart window technology that only needs power for switching. The optically superior film is highly customisable. Technical cooperation and licensing is sought with manufacturers of car and aeroplane windows, and display cabinets. Technical cooperation is additionally sought with developers of facades for smart cities, where energy savings can be made by blocking infra-red.

UNITED KINGDOM **TOUK20190118001** [Full text here](#) [Request the address](#)

An award-winning Cambridge (UK) based company develops and produces transparent photovoltaic glass and glazing solutions for applications in building curtain wall facades, skylights, balustrades, canopies and structures. Developers and users of thin film photovoltaics and construction methods are sought for technical co-operation, manufacturing or commercial agreements with technical assistance.

UNITED KINGDOM **TOUK20190131002** [Full text here](#) [Request the address](#)

A UK company has prototyped a simple add-on for aerosol valves, for improved foaming of known and new formulas. Using air or nitrogen etc., aerosol products for baking and catering, personal care and hygiene can be made with existing manufacturing lines. Manufacturers of such products are sought for license agreements.

UNITED KINGDOM **TOUK20190131001** [Full text here](#) [Request the address](#)

A UK company has prototyped a new foaming technology. Environmentally friendly gases such as air or nitrogen are used to produce very consistent microfoams. Manufacturers and users of foams are sought to jointly develop appliances, devices and processes, incl. refillable aerosol dispensers, fire suppression systems, systems to dispense environmentally friendly insulating material under technical cooperation and license agreements.

CZECH REPUBLIK **TOCZ20190121001** [Full text here](#) [Request the address](#)

A Czech company offers custom remote monitoring and control solutions based on its proprietary hardware and software framework. The company is looking for design, architecture, engineering, project management consultancy agencies, and system integrators dealing with facility management interested in including the offered system in their product and services portfolios. The primary focus of the company is building long-term partnerships based on commercial or technical cooperation agreements.

NETHERLANDS **TONL20190103001** [Full text here](#) [Request the address](#)

A Dutch SME is offering a technology platform using powerful and very compact micro-scale biometric wearable hardware. Processing power of the platform is quite extensive allowing vast on-board data processing. Using Cloud-based data connectivity, numerous (web)applications can be designed by continuous deployment. Commercial agreement with technical assistance, manufacturing agreement, research cooperation agreement or technical cooperation agreement are envisioned.

- LITHUANIA** [TOLT20181109002](#) [Full text here](#) [Request the address](#)
 A Lithuanian research group offers its know-how to obtain findings regarding the durability of building materials, such as roofing sheets, wood-based panels, flexible sheets for waterproofing, sheeting for walls, facades, ceilings and floors and other sheet goods. The research group is interested in services agreements with industry for providing testing such materials in a scope of durability. They also offer to cooperate partners interested in progress of R&D of building material durability.
- POLAND** [TOPL20190116001](#) [Full text here](#) [Request the address](#)
 A Polish company has been operating in the heating industry since 2014. They specialise in the sustainable central heating systems and offer a pellet boiler of their own design. Its main advantage is a burner that produces fewer pollutants and more energy using less fuel. The firm wants to form a joint venture in order to start mass production of the invention and is looking for partners that can contribute their manufacturing capacities, financial resources and knowledge of local markets.
- KOREA** [TOKR20190115001](#) [Full text here](#) [Request the address](#)
 A Korean SME has developed multi-functional lightweight boards using eco-friendly materials. It is easy to install and dispose, and does not cause environmental problems through the whole processes. The boards are available in three sizes and colors, and can be applied to ceilings and walls of public institutions, buildings, private homes, etc. The types of partnership sought are commercial agreements with technical assistance and license agreements.
- KOREA** [TOKR20190115002](#) [Full text here](#) [Request the address](#)
 A Korean company developed a non-combustible plastic door which has superior heat resistance and insulation to minimize the loss of human life and to secure evacuation space due to fire. The company wishes to expand its overseas markets through license agreement and commercial agreement with technical assistance, so the partnership would enable for their technology to be manufactured at lower cost than existing fire doors even they save lives by staying in the room closing the doors.
- BULGARIA** [TOBG20181221001](#) [Full text here](#) [Request the address](#)
 A Bulgarian research unit with over 40 years of experience in R&D of specialised technologies and products developed an innovative computerised system for complex assessment of climbers. The institute seeks commercial agreements with technical assistance with companies in the sports sector, for implementation of the device and testing of new applications.
- SPAIN** [TOES20181212001](#) [Full text here](#) [Request the address](#)
 A Spanish SME offers its expertise in designing and implementing Industry 4.0 solutions combining Cloud-based IT architectures, software development, and Data Analytics approach. Its toolbox offers organizations the opportunity of extracting valuable knowledge from data, either by developing ad-hoc ICT platforms for data analysis or by integrating systems from different sources. Is looking to establish Joint venture agreements, Research cooperation agreements or Technical cooperation agreements.
- PORTUGAL** [TOPT20180911001](#) [Full text here](#) [Request the address](#)
 A Portuguese research and technology organization has developed multiple technological solutions that can be combined to cover different and individually tailored scenarios targeting fall prevention. The components consist of a hardware for sensor communication, movement evaluation, gamified fall prevention exercises, prescriptions and user profile management. Industrial partners are sought for commercial exploitation and/or licensing. R&D cooperation to improve the system.
- PORTUGAL** [TOPT20180911002](#) [Full text here](#) [Request the address](#)
 A Portuguese research and technology organisation (RTO) has developed a skin lesions monitoring framework as a solution to enhance skin lesions data collection, automate melanoma risk stratification and improve patient-doctor communication. The RTO is looking for industry partners to commercially exploit this technology. License agreements or research cooperation agreements may also be considered.

- UNITED KINGDOM** **TOUK20190115001** [Full text here](#) [Request the address](#)
A UK local authority has developed a connected autonomous vehicle (CAV) test bed and are seeking partners to test innovations in order to accelerate deployment in the real-world. The test bed will give open access to all organisations types, targeting developers of software, sensors, roadside units, emerging wireless communications such as 5G, on-board units (OBU), smart parking, electric/hybrid vehicles and cyber security systems under technical cooperation agreements.
- GERMANY** **TODE20181218001** [Full text here](#) [Request the address](#)
A German university offers a new technology to treat diseases associated with a decreased cholesterol level, such as the Smith-Lemli-Opitz syndrome. Edible and probe able emulsions are composed in a particular and optimized way that enables increased absorption and distribution of the cholesterol. As a result the intake can be significantly lowered. Industrial licensees are sought.
- GERMANY** **TODE20190116001** [Full text here](#) [Request the address](#)
A German university offers a new process for the preparation of non-random chitosan polymers. These are characterized by a defined pattern of acetylation and increased biocompatibility. Applications are manifold, e.g. in biomedicine, agriculture, cosmetics and food industry. Industrial partners from these sectors are sought for license agreements.
- GERMANY** **TODE20190108001** [Full text here](#) [Request the address](#)
A German university offers a planar plasma sensor with a stacked structure for measuring plasma parameters. It can be used in most industrial plasma processes with only minimal influence on the plasma. It can be installed in existing systems. Industrial licensees with an interest in further development are sought.
- SINGAPORE** **TOSG20190114002** [Full text here](#) [Request the address](#)
A Singapore-based institute has developed a rapid and reliable method for generating safe live attenuated vaccines (LAVs). Traditionally, attenuated strains are developed through serial passage in cell lines or in animals. This chance discovery can take years with no guarantee of success. With this new technology, it takes just 10 weeks for generation of a suitable LAV candidate. The institute seeks to partner SMEs, MNEs and healthcare organisations via license or research agreements.
- SINGAPORE** **TOSG20190108001** [Full text here](#) [Request the address](#)
A Singapore water technology startup has developed a process to quickly and cost-effectively remineralise purified water under controlled conditions. The process enriches purified water with calcium and magnesium, reducing its corrosive effects on water infrastructure. The startup is seeking commercial or technical partnerships with SME of all sizes, MNEs (Multinational Enterprises) or government organisations.
- SINGAPORE** **TOSG20190114001** [Full text here](#) [Request the address](#)
A Singapore SME with expertise in skin care solutions has developed a technology platform for evaluating the efficacy of skin care and personal care products and ingredients. The technology platform helps companies to distinguish a product and enhance brand appeal. The SME is seeking partners including all sizes of SMEs and MNEs through technology licensing or research cooperation agreements for technology commercialization opportunities.
- KOREA** **TOKR20180226002** [Full text here](#) [Request the address](#)
A Korean company has specialized in heat insulating materials manufacturing since its establishment in 2005. The major products are thermal insulators developed with cross-linked foaming polyethylene in order to improve the products' characteristics regarding low moisture-vapor permeability, high resistance to water absorption and low density. The company, therefore, wishes to improve the technology with partners under commercial agreement with technical assistance and license agreement.

- ITALY** [TOIT20190109002](#) [Full text here](#) [Request the address](#)
An Italian SME, developing compact size microturbines and microgenerators, has patented and miniaturised integrated microturbine designed to be introduced into the gas and water distribution pipelines, taking advantage of existing pressure drops across valves in the system to generate electricity up to 30 W and up to 150 W to be used for real-time monitoring and control of pipelines. The SME is interested in technical cooperation agreements aiming at developing joint technical projects.
- FRANCE** [TOFR20181011001](#) [Full text here](#) [Request the address](#)
A French laboratory has developed a new method to quickly identify and characterize any microorganism for medical applications. Bacteria, fungi or others pathogens could be detected in less than five hours. This new tool is useful to save time to get a microbiota survey and to create consequently a fast and reliable antibiogram. The French R&D institution is looking for industrial partners for a technical cooperation agreement or a license agreement.
- GERMANY** [TODE20181212002](#) [Full text here](#) [Request the address](#)
A German university has developed a surgical device for corneal transplantations. This operation procedure makes the transplantation more rapid and safer. The university offers a license agreement as well as a technical cooperation agreement to interested companies from the medical sector.
- GERMANY** [TODE20190201001](#) [Full text here](#) [Request the address](#)
A high performance optical oxygen sensor for gas sensing has been developed by a German company specialized in optical oxygen sensing. The sensor can replace the commonly used galvanic oxygen sensors while eliminating their major drawbacks. The new sensor can be applied in many different fields ranging from industrial applications like biotechnology, to (bio-)medical applications. Cooperation partners for serial production under a manufacturing and/or licensing agreement are sought.
- GERMANY** [TODE20190107001](#) [Full text here](#) [Request the address](#)
A German research institution and a company have jointly developed a virtual-reality-based technical solution, which enables enhanced Elevated Plus Maze (EPM) testing of humans in real-life-related situations without any risk. An industrial or institutional partner involved in virtual reality research, behavioral research, or pharma research is sought for licensing, transfer of rights, knowledge transfer, or R&D cooperation.
- GERMANY** [TODE20181212001](#) [Full text here](#) [Request the address](#)
An innovative German SME specialized in advanced ceramic sensor technologies offers a wide range of highly-accurate, highly-sensitive, selective and stable temperature sensor elements based on a ceramic Platinum thin-film Technology which can be used for automotive, energy, safety, building and home applications. Looking for industrial companies with interest in application and distribution of the very reliable temperature sensor elements for commercial agreements with technical assistance.
- TUNIS** [TRTN20180829001](#) [Full text here](#) [Request the address](#)
Tunisian SMEs would like to develop hormonal drugs that are innovative nationwide, is looking for expertise in the development, production and marketing of this new product. The company is a pharmaceutical industry specialized in the development, production and marketing of dry and liquid forms (drugs and dietary supplements). The company is seeking technical cooperation to carry out its new project.
- GREECE** [TRGR20190111001](#) [Full text here](#) [Request the address](#)
A Greek SME company active in the field of power electronics is in search of electric power transformers and auto-transformers in order to use them as a complementary equipment to their UPSs (Uninterruptible Power Suppliers). The company is looking for European partners that will provide them with such equipment and will establish collaboration under a commercial cooperation agreement with technical assistance.

- GREECE** [TRGR20190122001](#) [Full text here](#) [Request the address](#)
 A Greek based SME which produces aluminum from processing scrap is willing to satisfy increased international demand for its aluminum ingot products by increasing smelting production volumes and lower energy costs. For this purpose, the company is currently looking for new energy-efficient solutions for smelting aluminum. The type of partnership considered is the technical cooperation agreement with companies able to provide such solution.
- IRELAND** [TRIE20180904001](#) [Full text here](#) [Request the address](#)
 This Irish company has developed a method of turning waste and by-products of olive oil into a premium animal feed. They are seeking research partners to help develop further product lines.
- BELGIUM** [TRBE20181107001](#) [Full text here](#) [Request the address](#)
 In the frame of a new product development, a Brussels-based R&D company specialized in the development of ecological devices trapping domestic pests is looking for non toxic a hot-melt glue with a high-tack adhesive adapted to different insect species. The glues will be tested on different insect species. The SME seeks commercial agreement with technical support to spread the glue on specific materials (cardboard/plastics).
- NETHERLANDS** [TRNL20190130001](#) [Full text here](#) [Request the address](#)
 The Dutch multinational is a producer of paints and coatings. They are looking for data solutions for predicting performance of their coatings. How can they collect and augment data more innovatively to make predictions for real world surface performance more accurate and help them to speed up the process of bringing new products to the market. The cooperation would be in the frame of a research or technical cooperation agreement. This technology request is part of an open innovation challenge.
- UNITED KINGDOM** [TRUK20190201001](#) [Full text here](#) [Request the address](#)
 A UK company and a European company are jointly seeking new technologies to facilitate the improved manufacturing and improve the functionality of polyolefins and polyols. The materials must have proof of concept and they should enable use in markets including construction, food, healthcare, automotive. Dependent on the stage of development the agreements may include licensing, joint venture, technical cooperation or commercial agreement with technical assistance.
- NETHERLANDS** [TRNL20181220003](#) [Full text here](#) [Request the address](#)
 A Dutch leading supplier of specialty surfactants aims to provide sustainable bio-based surfactants. They are looking for partners to develop 100% bio-based and zero-hazard surfactants. The challenge lies in bringing together bio-based, low toxicity, high performance, and low cost to make solutions accessible for all mainstream markets. Cooperation would be in the frame of a research or a technical cooperation agreement. This technology request is part of an open innovation challenge.
- LITHUANIA** [TRLT20181001001](#) [Full text here](#) [Request the address](#)
 A Lithuanian processed food company is looking for a technological solution to an existing production line problem - dough tearing at the point when it is pressed and cut. The company is currently looking for a fully developed solution that could be integrated into their production line. The company is open to suggestions for a partnership working under a commercial agreement with technical assistance.
- NETHERLANDS** [TRNL20190128002](#) [Full text here](#) [Request the address](#)
 In the transition to a circular economy the Dutch multinational is searching for solutions that optimise the use of materials across the value chain of their coatings; like alternative sources for raw material, avoiding waste creation, formulations that increase product life and new business models e.g product as a service. A research or a technical cooperation agreement can be proposed. This Technology Request refers to an innovation challenge published on the website of the company.

ITALY [TRIT20190104001](#) [Full text here](#) [Request the address](#)

An Italian center of reproductive medicine is looking for innovative assisted reproductive technologies to be tested in its clinic. The company is also interested in testing updates of technologies which have already been available on the market and normally used in the sector. The cooperation will be carried out under technical cooperation agreements. In case of fully developed technologies the center will purchase them under commercial agreements with technical assistance.

UNITED KINGDOM [TRUK20190114001](#) [Full text here](#) [Request the address](#)

A multinational shipping enterprise with a registered base in Scotland (UK) is seeking novel approaches to outfit their freight and passenger ships with permanent, lightweight buoyancy features that will limit the amount of sea water that can ingress into the ship when there is a hull breach, rendering the ship essentially unsinkable. The Scottish company is looking for partnerships via a joint venture or commercial agreement with technical assistance to pilot technology on a ship.

NETHERLANDS [TRNL20190130002](#) [Full text here](#) [Request the address](#)

A Dutch company is a producer of paints and coatings and delivers a world class portfolio of brands. They want to explore new fields of innovation and are looking for life science technologies (e.g. bio-active ingredients), which significantly impact and control the performance of their paints and coatings to achieve new and improved sustainable functionalities. They are seeking companies or universities to foster and co-develop new technologies via a research or technical cooperation agreement.

NETHERLANDS [TRNL20190128001](#) [Full text here](#) [Request the address](#)

A Dutch company is a major producer of specialty chemicals. They worldwide deliver essential chemistry to many markets that require control of surface and interface behavior, rheology, and other physical properties. In order to meet the increasing demand for multifunctional, label-free products, they need innovative technologies and solutions. They are seeking companies or universities to foster and co-develop new technologies via a research or technical cooperation agreement.

NETHERLANDS [TRNL20181219001](#) [Full text here](#) [Request the address](#)

A Dutch multinational is leading supplier of nano-sized particles designed to enhance product or process performance in a wide range of applications. The company is looking for new materials, technologies, functionalities, and/or hybrids which can make their customers' products more sustainable, durable, and/or functional. Cooperation with partners would be in the frame of a research or technical cooperation agreement. This technology request is part of an open innovation challenge.

KOREA [TRKR20181107001](#) [Full text here](#) [Request the address](#)

A Korean pharmaceutical company is active in research and development of new drugs based on natural products and orphan disease through virtual screening technology on the basis of AI. The technology that the company wants to develop by cooperation is virtual screening technology based on deep learning using big data. The type of partnership is commercial agreement with technical assistance.

CHINA [TRCN20190114001](#) [Full text here](#) [Request the address](#)

This is a Chinese company specialised in R&D and manufacturing of petrochemical, new energy materials, nutrition & consumption chemistry, semiconductor chemistry and medicine products. According to their business development strategy, they are looking for advanced high-end fine chemicals and new materials technology from the European market under a technical cooperation agreement.

CHINA [TRCN20190102001](#) [Full text here](#) [Request the address](#)

A Chinese agricultural research institution is specialised in cultivation and management of deciduous fruit trees and small berries in China. According to their business development requirement, they want to establish further large-scale international cooperation with European partners. They are seeking germplasm utilization, vegetable breeding, and apple tree rootstock breeding technology from European market. Potential cooperation could be via a technical cooperation agreement.