

TECHNOLOGY TRANSFER E-BULLETIN

Date: 02.12.2019



SOUTH KOREA

TRKR20191022001

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A Korean company specializes in developing and manufacturing Developer Recycle System(DRS) and Developer Control System(DCS) is looking for suppliers for module-type pumps with filters for the systems. Both the systems DRS and DCS are on high demand especially in Display markets seeking cost-cutting process and wastes treatments. Manufacturing agreement is considered, but other partnership types can also be furtherly discussed if needed.

SOUTH KOREA

TRKR20191023001

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A Korean company specializes in developing and manufacturing of Developer Recycle System (DRS). It is looking for suppliers of UV absorption sensors for the system under manufacturing agreement. The company expects to expand its supply chain, and below are the specifications of its current use absorption spectrometer. - Measurement Method: Beam & Filter - Wavelength: 254-313nm - Material: SS 316 - Output: DC4-20mA, RS232C - Range: 0.005-3 Abs.

SOUTH KOREA

TRKR20191025001

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A Korean manufacturer of Developer Recycling System (DRS) and Developer Control System (DCS) is looking for a partner who has nanofiltration (NF) technology under manufacturing or service agreement to improve its existing DRS. NF technology removes photoresist from used developing liquid.

SOUTH KOREA

TRKR20191025002

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A Korean manufacturer of Developer Recycling System (DRS) and Developer Control System (DCS) is looking for a partner who has concentration control technology under manufacturing or service agreement to improve its existing DRS. Concentration control system measures the three concentrations of Tetramethylammonium hydroxide (TMAH), Carbonate (CO₃) and Photoresist (PR) in real-time which is formed after photoresist (PR) is dissolved by TMAH.

SOUTH KOREA

TRKR20191105001

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A Korean company develops and produces DRS (Development Recycling Systems) which is used by big companies in Korea, Taiwan and China. In order to develop more advanced product, they are looking forward to cooperating with different technology partners. In this profile, they are specifically looking into technology cooperation and manufacturing cooperation in producing pressure gauge and flowmeter which will be installed in their DRS.

UKRAINE

TRUA20191116001

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A Ukrainian company is actively working on new designs in the field of machine-building. Currently their main focus is on the light resin transfer method (LRTM) and its implementation into own production. They are looking for potential European partners with experience in using theoretical calculations and modeling programs to conduct joint technical development via a technical cooperation agreement.

UKRAINE [TRUA20191120001](#) [Full text here](#) [Request the address](#)

A Ukrainian company specialising in aircraft machine building has designed two types of grinding of ceramic matrix composites for engines. The enterprise is looking for a scientific organization or an engineering company that can produce a full-scale experimental prototype of machine of surface grinding based on either of the methods. The partnership will be held under the technical cooperation agreement.

UNITED KINGDOM [TRUK20190819001](#) [Full text here](#) [Request the address](#)

UK SME seeks manufacturing partners in Europe for its' series of innovative and proprietary cycle covers, in collaboration with award-winning product designers from the UK. These cycle covers differentiate from existing cycle covers in offering a unique, rapid and easy user experience for the range of cyclist use scenarios. Looking to collaborate with potentially interested manufacturing partners with experience in prototype work.

POLAND [TRPL20191104001](#) [Full text here](#) [Request the address](#)

A Polish company conducts advanced works on an innovative product. The company is looking for a technological partner to develop transport adapters for a prefabricated residential box with its own position regulation. The company seeks partners for technical cooperation agreement.

FRANCE [TRFR20191106001](#) [Full text here](#) [Request the address](#)

The French SME develops and sells organic home fragrances and cosmetic products based on essential oils. Two types of partnerships are sought. Firstly, services agreement with suppliers able to develop new formula and new products such as powders, gels, cremes as well as diffuses' fragrances. Secondly, conditioning and packaging manufacturers are sought for their products. Partners should be located in Europe, should respect European union regulation and must be Ecocert certified.

LITHUANIA [TRLT20190822002](#) [Full text here](#) [Request the address](#)

Lithuanian producer of herbal teas is a small-size enterprise producing high quality medicinal herbal teas made of different combinations of around 100 plant species. The firm is looking for a technology that allows oxidation (publicly misrecognized as "fermentation") of herbs that had already been dried. The technology should re-initiate the oxidation process and should not corrupt tea-character of herbs. The company is seeking a technical cooperation agreement with a partner.

SWEDEN [TRSE20191128001](#) [Full text here](#) [Request the address](#)

A Swedish start-up company developing biosensors for medical devices is looking for manufacturer and experts in the field of electrode wires. Specifically, they look for someone that can strengthen, align and cut micrometer thin Platinum/Iridium electrode wires to be used in a medical device implanted in the brain. Partners are sought that are able to strengthen, "de-curve", align and cut the wire automatically and that are interested in a technical cooperation and/or manufacturing agreement.

SWEDEN [TRSE20191024001](#) [Full text here](#) [Request the address](#)

A Swedish company in marine infrastructure solutions wants to use remote operated drones to render models to analyse marine structure, detect failures and damages and contribute to life cycle maintenance. The company is looking for producers of airborne and seaborne drones for inspections as well a sensors and software for inspections with drones. Cooperation would be within a manufacturing, licence or joint venture agreement. This request refers to an open innovation challenge.

SPAIN [TRES20191111001](#) [Full text here](#) [Request the address](#)

A Spanish company is developing technologies to transform vegetable waste into biodegradable industrial materials that may outpace plastic in some applications. They are looking for companies that can provide them with cellulose moulding machinery and/or related technologies, which are relevant to their process, as they would like to build a low production, demonstrative plant. The company offers commercial agency agreements and joint venture agreements to potential providers.

ITALY [TRIT20191120001](#) [Full text here](#) [Request the address](#)

An Italian company working in construction material sector is looking for a transparent coating with high abrasion resistance to protect the digital printing on outdoor concrete paver. Companies from chemical industry

sector are sought for a commercial agreement with technical assistance or for a technology cooperation for the development and adaptation of such a specific coating material and process.

UNITED KINGDOM [TRUK20191129001](#) [Full text here](#) [Request the address](#)

The UK representative of an international SME is seeking innovative membrane distillation materials and processes to incorporate into its products. Both research groups and companies are sought at different readiness levels, from proven concepts to supply modules or components for their systems. The cooperation may therefore range from manufacturing to licensing to technical cooperation agreements. The solution to this desalination problem may come from food, textiles, pharma industries.

POLAND [TRPL20191011001](#) [Full text here](#) [Request the address](#)

A Polish company conducts advanced work on an innovative product - a compact prefabricated residential module. The company is looking for a technological partner to develop a steel self-supporting structure made of profiles with minimum 2mm width. The company wish to cooperate on design solutions and test performance on a laboratory scale via technical cooperation agreement.

UNITED KINGDOM [TRUK20191004001](#) [Full text here](#) [Request the address](#)

A UK based company is looking for partners to assist in the development of several projects in the fintech, marketing and defense sectors. The company is interested in software development and IT consultancies in the finance/banking sectors or companies / research organisations in other sectors that can help develop and implement cloud-based architectures, through a joint venture agreement or license agreement.

GERMANY [TRDE20191028002](#) [Full text here](#) [Request the address](#)

An international group of companies with headquarters in Northern Germany is providing industrial solutions to customers in oil and gas sector in Asia and Middle East. Sought are contacts to SMEs or research partners with technical solutions to convert carbon dioxide to a useful commodity. Solutions should minimum have been tested at lab scale, closer to market is preferred. Cooperation is offered in form of technical cooperation agreements or commercial agreements with technical assistance.

GERMANY [TRDE20191028001](#) [Full text here](#) [Request the address](#)

An international group of companies with headquarters in Northern Germany is providing industrial solutions to customers in oil and gas sector in Asia and Middle East. Sought are contacts to SMEs or research partners with technical solutions for petroleum resins downstream production of hexane C5 and nonane C9. Solutions should minimum have been tested at lab scale. Cooperation is offered in form of technical cooperation agreements or commercial agreements with technical assistance.

SCOTLAND [TRUK20191104001](#) [Full text here](#) [Request the address](#)

A multinational shipping enterprise with a registered base in Scotland (UK) is seeking novel, cost-effective approaches to reduce low frequency noise (10Hz) created by the exhaust of diesel engines. The Scottish company is looking for partnerships via a commercial agreement with technical assistance or a technical cooperation agreement. The company is especially interested in technologies that are near to market.

GERMANY [TRDE20191115001](#) [Full text here](#) [Request the address](#)

A German federal association in the tourism sector is working on strategies to revive historic parks and gardens through innovative ideas and latest technologies. The association is looking for partnerships with institutes, clusters, associations marketing agencies and/or companies in a knowledge and technology transfer scheme.

ESTONIA [TOEE20191030003](#) [Full text here](#) [Request the address](#)

The Estonian company has developed a proprietary method for producing 100% biodegradable tableware products from reed (an abundantly available wetland plant). Thanks to reed's mouldability and ability to withstand water, it is suitable for the production of various disposable tableware (e.g. plates, cups) to replace the ubiquitous plastic that is deadly for animals. Development partners from the industry under technical cooperation agreement are sought.

SPAIN [TOES20191030001](#) [Full text here](#) [Request the address](#)
A Spanish university has developed a system for diagnosing antennas through the use of a portable device. It comprises a probe antenna, which picks up the signals emitted by the antenna, a radiofrequency unit that measures the properties of said signal, a positioning subsystem and a processing system that carries out the diagnosis of the antenna from the obtained data. Companies in the communications field are sought to develop applications of the described invention under license agreements.

NORTHERN MACEDONIA [TOMK20191104001](#) [Full text here](#) [Request the address](#)
A Macedonian engineering company has developed a smart speed bump for remote operation and configuration that significantly improves the driving experience. The bump is activated only when driving speed is above the set limit, thus resulting in considerable reduction of noise, potential damages and injuries, fuel consumption and air pollution. Partners for license agreement are sought.

NORTHERN MACEDONIA [TOMK20191105001](#) [Full text here](#) [Request the address](#)
A Macedonian company offers a cloud-based energy management system, easily and non-expensively installed, integrating existing measuring instruments. The solution enables real-time monitoring of the energy consumption from any smart device. Partners for commercial agreement with technical assistance are sought.

UKRAINE [TOUA20191026001](#) [Full text here](#) [Request the address](#)
The Ukrainian university group developed a new coating technology based on ion-plasma deposition technique. The client seek a partner for finishing this technology and developing business plan for commercialization it on the technical cooperation agreement.

UNITED KINGDOM [TOUK20191028001](#) [Full text here](#) [Request the address](#)
A UK based SME has developed a heat storage in pre-heated water device which can reduce energy consumption bills up to 30%. The device works by heating water through simultaneous/sequential operation of 2 or more electric energy sources. The solution can be applied in any industry that consumes high volumes of energy and has a requirement for heat generation and transfer. The company seeks industrial and research partners to engage via research, technical and/or financial agreements.

GERMANY [TODE20190917001](#) [Full text here](#) [Request the address](#)
A label-free, integrated HCG-based platform technology for optical sensors which provides specific properties has been developed by a German university. The special geometry of the sensor allows the transformation of the whole or of only a part of a normal or of an oblique incidence wave into the in-plane direction. Application fields are environmental monitoring, homeland security, biomedicine, biochemistry or pharmacy. The university is interested in an R&D cooperation or a license agreement.

SPAIN [TOES20191011001](#) [Full text here](#) [Request the address](#)
A Spanish healthcare research institute has developed a system for endoscopic spatial orientation that can be used in endoscopic surgery. Its main characteristic is the configuration through an inertial sensor and a computer system, to control the spatial position. The institute would like to talk to companies interested in commercializing this system or developing it under a license agreement or research agreement.

GERMANY [TODE20191106001](#) [Full text here](#) [Request the address](#)
A Berlin-based German university has developed a convergent synthesis route towards albicidin. This enables the production of multi gram amounts of the antibiotic substance and, as a consequence, the further profiling of its drug properties. They are interested in the further development of the technology in the framework of a research cooperation or a license agreement.

GREECE [TOGR20191022001](#) [Full text here](#) [Request the address](#)
A Greek spin-off company has invented a breakthrough device that involves the evaluation of food origin and quality in order to provide better information to the company producing or marketing the products so as to be able to evaluate its suppliers and set accordingly the market prices. Food companies, supermarket chains, as well as restaurants could benefit from the innovative service through a commercial, technical or license agreement.

- GREECE** [TOGR20191118001](#) [Full text here](#) [Request the address](#)
A Greek research organisation has been developing a sustainable and energy efficient solution for renovations in the building/construction sector. The team seeks companies or research organisations related to energy-efficiency for the co-development of the project under a joint venture or a technical cooperation agreement. Research cooperation agreement is also envisaged.
- AUSTRIA** [TOAT20191113001](#) [Full text here](#) [Request the address](#)
An Austrian SME developed a modular hydro power system which fully complies with the EU Water Framework Directive to protect ecology and biology of rivers. It is easily and quickly installed on (existing) sluices at low investment costs. The innovation lies in the vertical adjustment of the turbine together with the design of the blades. A prototype was successfully tested. A world patent (PCT) was applied for. The SME is looking for buyers of the patent worldwide except for Austria.
- SPAIN** [TOES20191108001](#) [Full text here](#) [Request the address](#)
A Spanish research team specialized in molecular mechanisms leading to mutation in the human genome, has developed a new method for detecting alterations in the Chromosome 22 that cause congenital heart disease (CHD). The method has proven to be faster than other procedures and detects typical as well as atypical deletions. Companies willing to implement the method through a license or a technical cooperation agreement for genetic tests are being sought.
- UNITED KINGDOM** [TOUK20191007001](#) [Full text here](#) [Request the address](#)
A UK engineering start-up based in London is focused on developing renewable energy technologies for low-income countries. The company has invented a smart and modular Li-ion battery. This battery can use new or recycled Li-ion battery cells to store clean and affordable energy from renewables. It is low-cost and long-lasting. The company is looking to partner with an organisation under a technical cooperation agreement to test their battery in a relevant environment.
- LITHUANIA** [TOLT20191104001](#) [Full text here](#) [Request the address](#)
A Lithuanian start-up has created next-gen malware protection software. This innovative piece of software protects from both known and unknown malware by combining behavioral-based protection with the signature-based threat detection. The technology focuses on low-spread malware and detects threats that major anti-malware vendors overlook. The software engine can be integrated in corporate cyber security solutions and therefore a technical cooperation agreement with a partner is sought.
- UNITED KINGDOM** [TOUK20191113001](#) [Full text here](#) [Request the address](#)
A UK-based SME provides an award-winning service combining storytelling with digital technologies, including AR/VR, image mapping, live action immersive content to help their partners engage with customers. They're looking to develop their creative technologies and capabilities by connecting with organisations in multiple sectors such as media, heritage, tourism, energy, transport and retail. These partnerships will be commercial agreements with technical assistance or technical cooperation.
- CROATIA** [TOHR20191107001](#) [Full text here](#) [Request the address](#)
Croatian company has built up a no-code development platform with prebuilt apps offering cost-effective digital tools that can be easily accessed through its cloud-based platform and used on any device. These applications can be customized as well as developed from the ground up using no-code tools. The platform is built on open source technologies and also offers easy integrations with existing legacy systems. Financial and commercial agreement with technical assistance is sought.
- SPAIN** [TOES20191030002](#) [Full text here](#) [Request the address](#)
A Spanish research institute offers its expertise in synthesis and upscaling capacities of nanomaterials and coatings for both new buildings and retrofitting existing ones by easy to apply methods without modifying the structure of the building. The nanomaterials and coatings provide different functionalities to the building envelopes. In addition, the company has connections with companies in the building sector. They seek consortia working on proposals for H2020 calls for research agreements.

SPAIN [TOES20191122001](#) [Full text here](#) [Request the address](#)

Spanish technology centre has developed an innovative device which comprises hardware and software tool that allows remotely controlling and managing the electric vehicles (EV) charging process. Partners sought are last mile delivery companies and EV users for commercial agreements with technical assistance. The centre is also interested in research cooperation agreement with entities interested in further development of this device to be tested and analysed under specific research calls.

SPAIN [TOES20191120001](#) [Full text here](#) [Request the address](#)

Spanish technology centre has developed a replicable urban regeneration model, addressing jointly the transformation of energy in buildings and districts, urban mobility and covering the integration of the city infrastructures related to these two fields through ICTs as a technological enabler. Technical cooperation agreement for the analysis of cities and management and research cooperation agreement with entities (companies or public administration) interested in further development.

CZECH REPUBLIC [TOCZ20191105001](#) [Full text here](#) [Request the address](#)

A Czech company that focuses mainly on research and innovation activities in the field of membrane processes, offers a device suitable to purify diluted inorganic acid, contaminated by metal ions and thus reuse the acid in technological processes. The technology is suitable particularly in industries with high use of diluted inorganic acids e.g. in the metal surface treatment industry. The company is looking for partners for commercial agreement with technical assistance.

SPAIN [TOES20191104001](#) [Full text here](#) [Request the address](#)

A Spanish research institution has discovered that the absence of one specific protease (MT4-MMP - Membrane type 4-matrix metalloproteinase) in patrolling monocytes increases their surface level of the alphaMbeta2 integrin receptor, which in turn increases its patrol function. This increased activity may offer a new therapeutic strategy for acute pathological processes. They are looking for partners, with no preferred location, to establish a license agreement.

ESTONIA [TOEE20191030002](#) [Full text here](#) [Request the address](#)

An Estonian SME is offering a camera for thermal vacuum chambers. It's main purpose is to monitor experiments inside vacuum chambers. Right now the only way to check experiments is to have a fixed angle camera or a porthole in chambers, which in many occasions is not enough. It is possible to add multiple cameras in different angles for inspecting experiments. Company is open for commercial agreements with technical assistance with end-users and joint ventures with vacuum chamber manufacturers.

LATVIA [TOLV20191031002](#) [Full text here](#) [Request the address](#)

A Latvian research institute offers ready to use 100+ node heterogeneous Wireless Sensor Network (WSN) and Internet of Things (IoT) testbed technology with additional mobile workstation with 50 mobile nodes. The WSN/IoT testbed is designed for development and validation of internet of things and wireless sensor network protocols in factories, intelligent transport systems, etc. The research institute is targeting commercial agreements with technical assistance and research co-operation.

FRANCE [TOFR20191125001](#) [Full text here](#) [Request the address](#)

A French SME based in Burgundy has developed and patented a new technology and process to collect and transform vine shoots (branches) into biodegradable finished products used as winemaking accessories like vineyard posts. It is looking for partners in winemaking regions to develop new end-products (new bio-based fibers) under commercial agreement with technical assistance or manufacturing agreement or joint-venture.

ESTONIA [TOEE20191105001](#) [Full text here](#) [Request the address](#)

An Estonian company has developed a precision navigation system, that can be used for: e.g. unmanned aerial vehicles (e.g. drones), autonomous delivery robots, cargo monitoring, ride-sharing applications, etc. Company operates in the area of software and hardware development and is open for commercial agreements with

technical assistance and joint ventures with companies operating in the aforementioned fields for super accurate precision positioning (+/- 1 cm) of GPS-equipped autonomous systems.

UNITED KINGDOM [TOUK20191030001](#) [Full text here](#) [Request the address](#)

A UK company has launched award-winning aeroponic designs, needing no land or soil. The low-cost eco-friendly structures have shown to yield consistent crops in a profitable way, opening up new markets and business models. Businesses and organisations are sought to develop specific offerings for individual markets under technical cooperation and licensing agreements. They are also welcome to disseminate existing solutions under commercial agreements with technical assistance.

UNITED KINGDOM [TOUK20191030003](#) [Full text here](#) [Request the address](#)

A UK company offers on-demand teams to cover a wide range of resources in analytical chemistry for drug discovery. Strategy, training, sourcing and services can be offered not just in a very comprehensive but also very flexible way. Pharma and biotechnology companies and public-private partnerships are being sought for commercial agreements with technical assistance.

UNITED KINGDOM [TOUK20191104001](#) [Full text here](#) [Request the address](#)

A new technology has been validated to produce MgB₂ superconductive wires at infinite length, and very high consistency. The developer, an East of England company is keen to discuss new possibilities in large scale renewable energy generation and transmission. Manufacturers of such equipment are sought for technical or research co-operation.

UNITED KINGDOM [TOUK20191104002](#) [Full text here](#) [Request the address](#)

A new technology developed by a UK company has been validated to produce a composite wire where inside a metal tube there is a precisely controlled mix of metals or other materials. This allows for new alloys being used in additive manufacturing, and faster turnaround due to faster melting. Sellers and users of electron beam and laser beam AM equipment are sought for technical or possibly research co-operation.

UNITED KINGDOM [TOUK20191104003](#) [Full text here](#) [Request the address](#)

A UK company has combined two advanced machine learning technologies to create the world's most accurate, contextual and visual digital assistant. Patent pending technologies combine a state of the art machine learning interface with a hyper realistic avatar capable of delivering information in multiple languages by what appears to be a human character. Foreign partners are being sought in healthcare and e-retail for license and financing agreements and commercial ones with technical assistance.

UNITED KINGDOM [TOUK20191030002](#) [Full text here](#) [Request the address](#)

An East of England startup offers commercial agreements with technical assistance to small pharma companies, to do high-throughput virtual screening. The diverse library gets screened against a large number of known proteins, to predict biological activity and off target effects where possible. At the same time, academia and biotech companies are invited to add their targets or compounds to the body of knowledge under a license agreement.

UNITED KINGDOM [TOUK20191021002](#) [Full text here](#) [Request the address](#)

A UK company that is a global leader in pharmaceutical compaction (pill-making machines) has developed the world's first computer controlled benchtop tablet press. The device can display detailed compaction data within minutes and they are seeking healthcare or pharma companies who would benefit from this device, supported via commercial agreement with technical assistance, joint venture or technical cooperation agreement.

CZECH REPUBLIC [TOCZ20191111001](#) [Full text here](#) [Request the address](#)

A Czech fast-growing SME offers its state-of-the-art technology of acoustic detection to industrial clients. Customer advantages are cost savings and risk reduction of unforeseen malfunctions through improvements in areas of maintenance, quality and process control. The SME offers its solution based on a commercial agreement with technical assistance.

UNITED KINGDOM **TOUK20191101001** [Full text here](#) [Request the address](#)

Constructing offshore energy projects very often damages the marine environment. This UK SME solves commercial problems such as scour, habitat mitigation and cable / pipeline protection by deploying artificial reefs whilst improving the marine habitat and breeding / spawning grounds. The company is looking for partners who have access and rights to a site to support research and / or commercial services through a technical cooperation agreement or to operate under a licensing agreement.

SPAIN **TOES20191106001** [Full text here](#) [Request the address](#)

Basque R&D+I centre specialized in food and polymer technology is looking for licensees for a medical device they have developed together with a University Hospital of reference in Navarre (north of Spain). A European patent application has been filed for the device aimed at the culture of cellularized membranes.

SPAIN **TOES20191030003** [Full text here](#) [Request the address](#)

A Spanish research institute offers its expertise in synthesis and upscaling capacities of nanomaterials such as hydroxyapatite and bioactive nanomaterials for tissue engineering, biocompatible nanomaterials for 3D printing of scaffolds and coatings to prevent biological contamination in medical devices and implants. They are looking for consortiums involved in proposals preparation for H2020 calls.

SPAIN **TOES20191126002** [Full text here](#) [Request the address](#)

A Spanish research team specialized in biosensors has developed a technology for producing paper-based immunosensors that can be tailored to detect a wide range of target molecules and pathogens using a smartphone as an optical reader. It allows the integration of all the reagents required for the detection in a single piece of filter paper. Companies willing to implement the technology through a license agreement or R&D institutions providing technical cooperation are being sought.

UNITED KINGDOM **TOUK20190918001** [Full text here](#) [Request the address](#)

UK research organisation seeking to develop its analytical code for analysing ion beam analysis, a general purpose analytical code for analysing ion beam analysis (IBA) data. Main features include; Implementation of the largest array of techniques of any IBA Code. The research organisation wants a research and development organisations from academia or industry who operate in fields not related to fusion energy to collaborate via licencing or research cooperation agreement.

UNITED KINGDOM **TOUK20190918003** [Full text here](#) [Request the address](#)

UK based research organisation looking to develop its Nanofluids for improved heat transfer technology by expanding in to new markets and sectors. The collaboration would be via a licensing or research agreement with the aim of developing the use of nanofluids to improve the cooling of surfaces within fusion reactors that are exposed to extreme heat-fluxes.

UNITED KINGDOM **TOUK20190918002** [Full text here](#) [Request the address](#)

UK research organisation developing an Ohmic Heating (OH) Network is looking to develop its technology in to new sectors via a licencing agreement. This technology is a switching network that connects the driving energy source to the JET tokamak to induce and maintain the plasma current. The network consists of high current opening and closing switches, a counter-pulse circuit, commutating resistors, and various safety and protection devices already installed.

UNITED KINGDOM **TOUK20190918004** [Full text here](#) [Request the address](#)

A leading European fusion laboratory has developed a method for increasing the concentration of tritiated waste water whilst reducing the volume. The process involves electrolysing the tritiated waste water and then humidifying the evolved gas to reintroduce the Tritium into the waste water. The organisation is looking to break in to new sectors offering a simplified, lower cost alternative to many labs and waste disposal companies, via a licencing agreement or research agreement.

SPAIN **TOES20191107001** [Full text here](#) [Request the address](#)

A small team of Spanish investors have developed a recycled plastic bottle with a cap that purifies the water via an ozone system, allowing the consumer to fill it with water from any source to become drinkable. This system

does not use chemicals harmful to humans and eliminates 99.99% of bacteria, microbes and viruses from the water. They look for industrial partners for a commercial agreement with technical assistance and R&D partners for a research cooperation agreement.

SPAIN [TOES20191112001](#) [Full text here](#) [Request the address](#)

A Spanish research institute offers its expertise in protective coatings for photovoltaics in order to increase operational stability and reliability of the plant. The centre has developed a coating validated at module level (TRL 6) over glass and plastic substrates that provides super-hydrophilic, anti-dust and antireflective properties at the same time. They are looking for organizations involved in project proposals for H2020 calls for a research cooperation agreement.

PORTUGAL [TOPT20191104001](#) [Full text here](#) [Request the address](#)

Developed by a Portuguese non-profit R&D organisation, the system allows wireless monitoring of temperature, humidity, leaf wetness, soil moisture, solar and UV radiation, rainfall, atmospheric pressure, wind speed and direction. The technology is available to be transferred to a company that provides services in environmental monitoring or the internet of things (IoT) for agriculture, under a licence agreement or technical cooperation agreement.

THE NETHERLANDS [TONL20191104001](#) [Full text here](#) [Request the address](#)

A Dutch biotechnology SME is specialized in the development of efficient immobilized enzymes for bio-catalytic applications. The company is offering its technology for custom polymeric enzyme carriers and enzymatic process design for making efficient immobilized enzymes for high end bio-catalytic applications for various purposes and sectors. The company is looking for collaboration with enzyme producers and end users. A research cooperation or technical cooperation agreement is foreseen.

SPAIN [TOES20191112002](#) [Full text here](#) [Request the address](#)

A Spanish research institute offers its expertise in waste-water treatment from different sources and industrial specific pollutants and deep expertise in design and production of nanomaterials and coatings with different functionalities. They can provide technologies for increasing reuse of water: corrosion and soiling/fouling protection, biofilm reduction and/or development of new materials for pollutants removal. They are looking for consortiums working in project proposals for H2020 calls.

THE NETHERLANDS [TONL20191111001](#) [Full text here](#) [Request the address](#)

A Dutch SME develops and produces customized Micro-Electro-Mechanical Systems (MEMS) in small to medium volumes. Most important advantage is offering flexibility in design as well as in process. The SME is interested in commercial agreements with technical assistance to players in the Life Science and instrumentation markets, in particular Original Equipment Manufacturers and system integrators using MEMS in applications.

SPAIN [TOES20191014003](#) [Full text here](#) [Request the address](#)

A Spanish IT company offers an advanced technology that allows the optimization of fleets and routes. It calculates optimized routes for each and all of the vehicles in the fleet, satisfying the defined constraints (characteristics and number of vehicles, time, kilometers...) and optimizing the objectives (deliveries, visits, cost minimization...). The company looks for industries or companies with logistics needs to establish license agreement or commercial agreement with technical assistance.

ITALY [TOIT20191114002](#) [Full text here](#) [Request the address](#)

An Italian company has developed an integrated system (software solution), that is easily customizable depending on type and size of the client, for fire management and monitoring in real time. The Italian company is interested in finding partners with whom to develop case studies and test the system in real time conditions through technical cooperation agreements or research and development agreements.

FRANCE [TOFR20190904001](#) [Full text here](#) [Request the address](#)

A French Technology Transfer Office (TTO) offers new functionalized polyolefins for utilisation in performance materials. These new specialty polyolefins allow the combination of commodity polymer advantages (low cost,

low toxicity) with the added value provided by the new functionalities. A French SME is working with the TTO to scale-up the process. The TTO is looking for industrials interested in the technology for licensing.

GERMANY [TODE20191118001](#) [Full text here](#) [Request the address](#)

A German university offers a technology for short-circuit fault identification in direct current (DC) distribution grids. It is to ensure reliable operation of computers, motorized devices, lighting and others. The technology is fast and accurate and can work with existing hardware. Industrial partners from the areas of flexible power control and energy distribution are sought for technical cooperation and license agreements.

GERMANY [TODE20191119001](#) [Full text here](#) [Request the address](#)

A German company has developed a new, previously unknown form of charging station for e-bikes and tested it in several prototypes. They are now looking for a manufacturer/developer for these charging stations. The potential partners should be familiar with the production and development of contactless charging systems. The company is looking for a cooperation within the scope of a manufacturer agreement, research agreement or technical cooperation.

SPAIN [TOES20190731001](#) [Full text here](#) [Request the address](#)

A research group from a Spanish university is developing Apps which allow improving the performance of the students and researchers in the measure and characterization of RF(radio frequency) devices, by the description of the devices and the management of the necessary instrumentation. The collaboration types sought are commercial agreements with technical assistance and technical cooperation agreements.

SPAIN [TOES20190920001](#) [Full text here](#) [Request the address](#)

A research group from a Spanish university has developed a didactic and interactive model in 3D that when it is completed constitutes a robotic plant cell. It comprises several pieces, that when pressed audio is played and activate the corresponding led. This model can be applied in primary and secondary education. The collaboration types sought are technical cooperation, license, and commercial agreements with technical assistance.

SPAIN [TOES20190920003](#) [Full text here](#) [Request the address](#)

A telematic services engineer research group from a Spanish university has developed a mechanism for advanced TCP-Path Ethernet switches that explores a network of transparent bridges to establish a specific path for each new TCP (Transmission Control Protocol) connection established between two terminals. The cooperation types are technical cooperation, license and commercial agreement with technical assistance.

SPAIN [TOES20191028002](#) [Full text here](#) [Request the address](#)

An engineering research group from a Spanish university has developed a procedure that solves in a simple and distributed way, without route calculations, the problem of establishing fast multiple paths between pairs of bridges bordering a network of bridges that route terminals' traffic connected to them. The cooperation types are license agreements, commercial agreements with technical assistance or collaboration agreements.

SPAIN [TOES20190918002](#) [Full text here](#) [Request the address](#)

A research group from a Spanish university with experience in event-based sensing techniques offers embedded processing techniques to increase the added value of wireless sensor devices in the context of smart cities: higher lifetime due to a consumption reduction of sensor nodes and minimal degradation of the communication channel. Looking for manufacturers partners of sensor network devices, with no preferred location, to establish a commercial agreement with technical assistance.

FRANCE [TOFR20191105001](#) [Full text here](#) [Request the address](#)

A French SME expert in precision weather services proposes technical assistance on all aspects of a meteorological project. By integrating and reprocessing multi-source data and technology including X-band radar, the SME provides detailed European-wide information with high spatial and temporal resolution. Partners are sought for setting up projects in precision agriculture or industrial sites management. The company is looking for technical cooperation agreement.

GERMANY [TODE20191031001](#) [Full text here](#) [Request the address](#)

A German SME's cloud-based platform simplifies and automates crucial tasks for sponsors, clinical research organisation and study sites e.g. payment and financial management of clinical trials. It is ready to be integrated with other clinical trial software. Implementation is fast, the solution offers a new level of transparency, simple interface - all resulting in safe of time and more efficiency. To above mentioned organisations they offer license, research or technical cooperation agreement.

SPAIN [TOES20191114001](#) [Full text here](#) [Request the address](#)

A Spanish research centre has developed a procedure to obtain in a simple, fast and cheap way, catalyst supports for adsorbent systems for the elimination of contaminants or odours in gas or liquid phase or as particle filters or distributors diffusers of fluids (gases or liquids). They look for industrial partners to establish a license agreement of the granted patent or a commercial agreement with technical assistance to implement the procedure and manufacture the catalyst support.

ITALY [TOIT20191111001](#) [Full text here](#) [Request the address](#)

An Italian research team has been developing a novel advanced tool for recording superficial brain activity and provide stimulation. It is a fully integrated recording system, including an ultra-flexible microelectrode array with a custom chip for signal amplification, filtering and digitization. It represents a state-of-the-art tool for low-power bio-signals recording and provides enhanced performance if compared to available tools. They look for financial, research and technical agreements.

CZECH REPUBLIC [TOCZ20191016001](#) [Full text here](#) [Request the address](#)

The renowned Czech medium-sized company, manufacturer of 3D scanning systems, is looking for educational/R&D organisations willing to implement their product – new generation of 3D scanners. The company produces structure-light based 3D scanners developed specifically for educational/R&D use. Partners sought are e.g. universities, high schools, fabrication labs/workshops located in EMEA and Latin America. Proposed collaboration should be based on commercial agreement with technical support.

GERMANY [TODE20190924001](#) [Full text here](#) [Request the address](#)

A German university has invented a process for the production of sheets and strips, in particular thin sheets from CrMnNi austenitic stainless steel on an industrial scale, saving costs and material compared to existing processes. Thin sheets are suitable for the production of heat exchangers and other corrosively stressed components. Sought-after partners are those, which are interested in a licensing agreement or a technical cooperation agreement.

ITALY [TOIT20191114001](#) [Full text here](#) [Request the address](#)

An Italian SME specialized in drug discovery has developed and patented a novel human epidermal growth factor receptor-3 (HER-3) targeting antibody-drug conjugate (ADC) for treating cancer. This molecule has shown potent therapeutic efficacy combined with a good safety profile. The company is looking for pharmaceutical companies or investors for financial or license agreement to further develop the product in clinical trials. A research cooperation agreement is also foreseen.

FRANCE [TOFR20191015001](#) [Full text here](#) [Request the address](#)

A French SME created an intelligent led lighting system for vegetal growth: a software and hardware platform (LED lighting, control box, light spectrum sensors) to manage lighting conditions through artificial intelligence. This system increases up to 3 times growth rates with 60% lower energy consumption. The French company is looking for partners all around Europe to set up collaboration as commercial agreements with technical assistance.

AUSTRIA [TOAT20191105001](#) [Full text here](#) [Request the address](#)

An Austrian engineering company active in research and development in different fields including water management & protection and agricultural engineering, offers an innovative fish lift system. The outstanding feature is the combination of a fish lift and lock. The product ensures the continuity of flowing waters and further

the continued growth of the fish population in spite of power plants. Six pilot locations confirm this. The company is looking for licensees to expand into new markets.