

TECHNOLOGY TRANSFER E-BULLETIN

Date: 01.11.2019



AUSTRIA

TRAT20190926002

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A small Austrian engineering company seeks a solution, which can extract the elements of a given complexly structured document (primarily PDF but also other formats) and convert them into a machine-readable form. Elements include text, graphics, drawings, tables, headlines and info-boxes. Very high accuracy is needed (90-99% correct readings). The company seeks partners for licence agreement, commercial agreement with technical assistance or research cooperation agreement.

SOUTH KOREA

TRKR20190925001

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A Korean IT company is currently trying to develop a vehicle accident prevention technology that informs tram driver of the railway condition in real time using a sensor and camera in order to improve safety of operating tram. In order to develop this technology successfully, the company is looking for partners with extensive experience and expertise in advanced sensing/AI/smart camera technology for a moving vehicle's safe driving. Type of cooperation sought is technology and license agreement.

AUSTRIA

TRAT20191018001

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An Austrian company active in the diagnostic healthcare business wants to reduce production time of their products. This should be done by improving the bonding step of the plastic housing parts. They are looking for alternatives to currently used silicone, new methods and/or an automated process. Partners from industry or academia are sought under commercial agreement with technical assistance, license agreement, technical cooperation or research cooperation.

AUSTRIA

TRAT20190926001

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The company is a world-wide operating producer of baby articles. They search for any type of wearable, connected device enabling the prediction of fertile/unfertile days in order to facilitate family planning. They are open for a commercial agreement with technical assistance or a licensing agreement with start-up companies. Furthermore, a joint venture agreement could also be envisaged.

SPAIN

TRES20191007001

[Full text here](#)

[Request the address](#)

Spanish industrial vacuum company is looking for a downdraft table fitted with standard and ATEX (ATmosphères EXplosibles) self-cleaning filter cartridges. The technology sought must be ready for grinding aluminium, titanium, carbon fiber and magnesium, materials with dust risk of explosion. The company is looking for manufacturing agreements.

THE NETHERLANDS

TRNL20191010002

[Full text here](#)

[Request the address](#)

A Dutch company is looking for the joint development of new concepts for equipment lifting and transport in offshore wind farms in order to optimize safety, be more weather independable and save costs. The company is looking for a collaboration with research and engineering partners and envisions a research or technical cooperation agreement. This technology request is part of an open innovation challenge.

- LATVIA** [TRLV20191022001](#) [Full text here](#) [Request the address](#)
 A horticulture vocational high school from Latvia is developing an autonomous robotic platform prototype with integrated modules of cameras and sensors, equipment and software for plant growth monitoring. The high school is looking for partners with know-how in detection and diagnosis of plant diseases by using hyperspectral cameras. The school is interested to enter into technical cooperation agreement.
- THE NETHERLANDS** [TRNL20190822001](#) [Full text here](#) [Request the address](#)
 The Dutch manufacturing company is a producer of adult incontinent diapers. A new machine uses 64 elastic threads to make these products. To reduce labour costs, the company is looking for solutions to automate the task of connecting an elastic yarn-end of the old roll to the next. The company is looking for a collaboration with research and engineering partners and envisions a research or technical cooperation agreement. This technology request is part of an open innovation challenge.
- GERMANY** [TRDE20191001001](#) [Full text here](#) [Request the address](#)
 A German company and a research organization aim to develop an automatized pre-shredder recycling process for the automotive or machinery industry in order to secure nearly 100% closed loop recycling in particular with respect to rare and valuable materials. The process requires data driven automatized dismantling and sorting machinery. The consortium is looking for a manufacturer of machinery or an institute as research partner providing the technology of dismantling and sorting machinery.
- THE NETHERLANDS** [TRNL20191015001](#) [Full text here](#) [Request the address](#)
 Dutch leading global dredging and offshore contractor and maritime services provider is looking for partners to jointly develop new communication concepts to improve data throughput overseas for lower costs. The cooperation would be in the frame of a research or a technical cooperation agreement. This request refers to an innovation challenge published on an open platform.
- THE NETHERLANDS** [TRNL20190930001](#) [Full text here](#) [Request the address](#)
 The Dutch law enforcement organization is looking for ICT related SMEs and start-ups from Europe that offer solutions to share research data on cold cases in a confidential manner enabling citizens and businesses to think along in solving these serious cases. The cooperation would be in the frame of a research or a technical cooperation agreement. This request refers to an innovation challenge published on an open platform.
- THE NETHERLANDS** [TRNL20190926001](#) [Full text here](#) [Request the address](#)
 The Dutch legal assistance insurer is looking for SME's and start-ups from Europe that offer solutions to prevent and limit legal problems for consumers and entrepreneurs with easy-to-use digital tooling. The cooperation would be in the frame of a research or a technical cooperation agreement. This request refers to an innovation challenge published on an open platform.
- POLAND** [TRPL20190910001](#) [Full text here](#) [Request the address](#)
 A Polish company designs and produces various form of booths for indoor applications. Such products allows for comfortable conversations in places that lacks privacy such as Open Space offices, production halls, restaurants and clubs as well as exhibition spaces. To be more competitive the company seeks new technologies with special emphasis on multimedia and telecommunications technologies that enhance its products via commercial agreement with technical assistance.
- POLAND** [TRPL20191011002](#) [Full text here](#) [Request the address](#)
 A Polish company conducts advanced works on an innovative product - a compact prefabricated residential module. The company is looking for a technological partner to develop a replacement for plastic panels used in prefabrication. The company wish to use an ecological gypsum boards with cellulose fiber. The company seeks partners for technical cooperation agreement.
- THE NETHERLANDS** [TRNL20190905001](#) [Full text here](#) [Request the address](#)
 Dutch importer in the automotive industry is looking for solutions to improve sales conversion from test drives to purchase. To scale up sales, company is looking for innovative expertise from high tech to simple thinking

solutions and from creative thinkers and marketing specialists to researchers. After proven concept, company envisions a services, license or manufacturing agreement. This profile is part of an open innovation challenge.

THE NETHERLANDS [TRNL20191023001](#) [Full text here](#) [Request the address](#)

A Dutch beer brewer is looking for new ways to reduce the energy consumption of its global fleet of fridges (and subsequently its carbon footprint). They are looking for experience in product design, business process modelling, creative thinking, software development, consumer intelligence and customer experience to develop new solutions within the frame of a technical cooperation agreement. This request refers to an innovation challenge published on an open platform.

THE NETHERLANDS [TRNL20191024001](#) [Full text here](#) [Request the address](#)

The Dutch multinational specializes in built environment and sees a large role for low temperature heat networks in the energy transition. Therefore they are looking for partners to realize a pilot with cooperation partners and municipalities with the opportunity for setting a standard in a test environment. A technical or research cooperation agreement is proposed to form a consortium to develop technical concepts. This request refers to an open innovation platform.

THE NETHERLANDS [TRNL20190930002](#) [Full text here](#) [Request the address](#)

A leading telecom provider in the Netherlands is looking for internet-of-things solutions that can contribute to monitoring the supply chain of fruits and vegetables. Partners are sought for joint development in the frame of a research or technical cooperation agreement. This Technology Request refers to an innovation challenge published on an open platform until November 3rd and all Expressions of Interest will be redirected to this platform.

THE NETHERLANDS [TRNL20191023002](#) [Full text here](#) [Request the address](#)

A Dutch company specialized in floating platforms for oil and gas production is investigating concepts to produce liquid synthetic fuels from hydrogen made of wind energy on vessels enabling safe transport of energy generated in remote areas at sea where power cables are not feasible. A technical or research cooperation agreement is proposed to develop the technical concept and a service agreement to evaluate the business case. This request refers to an innovation challenge on an open platform.

THE NETHERLANDS [TRNL20191001001](#) [Full text here](#) [Request the address](#)

An innovative telecom provider in the Netherlands is looking for start-ups, scale-ups and SME's that have already started their own product or services and want to experiment with the future of 5G connectivity. Partners are sought for joint development in the frame of a research or technical cooperation agreement. This Technology Request refers to an innovation challenge published on an open platform until November 3rd and all Expressions of Interest will be redirected to this platform.

THE NETHERLANDS [TRNL20191017001](#) [Full text here](#) [Request the address](#)

A leading Dutch maritime solutions provider wants to deliver a smart autopilot enabling the navigator to supervise instead of execute navigation. It is looking for technology to integrate surrounding sensor data combining this with route data and sea traffic rules. Partners can be companies and research organizations. Aim: to implement a minimum viable product as launching customer, within the framework of a technical cooperation agreement. This request refers to an open innovation challenge.

THE NETHERLANDS [TRNL20191003001](#) [Full text here](#) [Request the address](#)

A leading Dutch system integrator of electrical systems aboard wants to develop the next generation of their navigation support system offering advanced navigation support and paving the way to autonomous shipping. The company is looking for partners with technology to automatically detect vessels by their navigation lights to set up a cooperative pilot/research project to investigate the feasibility, within the framework of a research cooperation agreement.

THE NETHERLANDS [TRNL20191022001](#) [Full text here](#) [Request the address](#)

A Dutch cleaning company is looking for innovative solutions to efficiently manage the disturbance of sand from sandboxes on school floors. The company is looking for technical solutions such as cleaning but also smart

prevention methods. The company is looking for a collaboration with partners and envisions a license agreement or a technical cooperation agreement. This request refers to an innovation challenge published on an open platform.

GERMANY [TRDE20190916001](#) [Full text here](#) [Request the address](#)

A young, ambitious and award-winning start-up company from Germany with the vision to build intelligent equipment for water networks is looking for partners with technical expertise and know how on building test benches for hydraulic equipment. The company seeks design, consultancy and technical advisory services and expertise to build own test bench under a manufacturing agreement.

THE NETHERLANDS [TRNL20191010001](#) [Full text here](#) [Request the address](#)

A Dutch multinational is specialized in developing inkjet technologies for digital imaging and printing services. The company is looking for partners that can help them in finding totally new applications and products that can be made by using their developed high-tech print heads. Cooperation with partners is envisaged under a technical cooperation agreement. This profile is part of an open innovation challenge.

BELGIUM [TRBE20191009001](#) [Full text here](#) [Request the address](#)

A Brussels SME has developed a light weight, autonomous type of housing with low environmental impact. The container style mobile housing unit is autonomous in terms of water and energy use and built with sustainable construction and zero emission technologies. The SME looks for partners to improve the technologies (e.g. sustainable batteries, PV and water purification system, home automation) applied in the housing box. The company is looking for technical and commercial cooperation agreements.

BELGIUM [TRBE20190902001](#) [Full text here](#) [Request the address](#)

A Belgian start-up based in Brussels is launching a hub on mobility which will inform, guide and advice all types of users on the soft mobility options. Products in the micromobility sector related to alternative mobility or micromobility are requested. The partner should be able to provide products for demonstration, technical assistance to assist the requests from the customers as well as repair and maintenance programs. Commercial agreement with technical assistance is sought.

CHINA [TRCN20190929001](#) [Full text here](#) [Request the address](#)

The Chinese company was founded in 1989. Their main products include commercial cash registers, commercial software, smart retail equipment, sports lottery terminals and so on. Now, based on the Chinese market demand, the company is engaged in the electronic shelf label (ESL) system technology development. They are looking for potential European partners with advanced ESL technology to conduct joint technical development via a technical cooperation agreement.

SPAIN [TOES20191001001](#) [Full text here](#) [Request the address](#)

Spanish researchers working in analytical chemistry and neurology have developed a new way of differentiating between stroke subtypes, diseases or brain damages through biomarkers from the central nervous system (CNS), by analyzing non-invasive samples (nasal exudate), in a quick, simple and painless way. Companies in the biotechnology and pharmacy fields, as well as in medicine and clinical diagnosis, are sought to develop applications of the described invention under license agreements.

FRANCE [TOFR20191003001](#) [Full text here](#) [Request the address](#)

A French SME providing contract R&D and manufacturing services in the biomedical field and microtechnologies, is working on the development of medical devices for tissue regeneration. During 5 years, the company has investigated the design and the manufacturing of electrospun medical devices mainly in the vascular and dental fields. The company is looking for research projects where its electrospinning skills can be used to develop and manufacture innovative medical devices (e.g. NMBP-21-2020).

SOUTH KOREA [TOKR20190410001](#) [Full text here](#) [Request the address](#)

A Korean company, specialized in the field of probiotics, is looking for a manufacturer, or a research institute, interested in manufacturing agreement or technical cooperation. It has the technology to separate, cultivate and produce more than 500 species of bacteria including 19 types of probiotics, accredited by the Korea Food &

Drug Association. Through a patented SP-complex (Seaweed Polysaccharide) coating technology, their probiotics show high survival rate and acid-resistance.

SOUTH KOREA [TOKR20190502001](#) [Full text here](#) [Request the address](#)

A Korean IT and software company has developed a pet caring solution that tracks the location of pre-registered pets. It is a platform service that can find the position of a companion animal anytime and anywhere. Preferred partner sought by the company is primarily investors under a joint venture agreement. Another type of cooperation considered by the company is a technical cooperation agreement.

SOUTH KOREA [TOKR20190927001](#) [Full text here](#) [Request the address](#)

A Korean company in the adhesive coating field provides optical barrier tapes that can be applied in thin-film packaging, solar cells, and display areas. It has a higher adhesive force than existing products, so it can be attached to the top of solar roof tiles at room temperature. This increases the efficiency of solar cells. Its differentiated process enables cost reduction. The company seeking a European partner company to collaborate under research or technical cooperation agreement.

POLAND [TOPL20190925001](#) [Full text here](#) [Request the address](#)

A Polish SME specialises in building and reconstruction of production lines for automatic raw material loading, unloading, intelligent logistics with maintenance free use. With mature technology, it can be customised based on customers process requirements. The company is looking for partners whom they can offer their expertise in production automation and applications in form of technical cooperation agreement and services agreement. The company is looking the clients all over the world.

UKRAINE [TOUA20191001001](#) [Full text here](#) [Request the address](#)

Ukrainian University offers cooperation in development of complex thermal engineering systems and technologies for aerospace and other industrial sectors on the basis of heat transfer loops and heat exchangers with compensation/evaporation and two-phase flows (water, freon, ammonia, carbon dioxide, cryogenic fluids, air-water mixtures). The company is now looking to develop its technology and know-how and is looking for partners in Europe. Research cooperation agreement is envisaged.

SPAIN [TOES20191010001](#) [Full text here](#) [Request the address](#)

A Spanish healthcare research institute has developed a system and device for positioning medical needles into body tissue with accurate control of both position and penetration depth. They are particularly applicable for use in brachytherapy and different radioactive sources into various different tissues. The institute would like to talk to companies interested in commercializing this radiation oncology technique, or in a research cooperation agreement to develop it.

POLAND [TOPL20191015001](#) [Full text here](#) [Request the address](#)

A Polish company with an established position in Europe, dealing with software solutions for robotic observatories, space sector, ground segment, education and research is looking for foreign partners in order to develop on new markets. The company is looking for service agreements and R&D cooperation.

SLOVENIA [TOSI20190724001](#) [Full text here](#) [Request the address](#)

Slovenian researchers developed a device for ischemic and efficient muscle building and/or strengthening. The client is looking for an industrial partner, active on the field of medical/rehabilitation devices. They are interested in joint venture agreements with companies from EU.

GERMANY [TODE20191023001](#) [Full text here](#) [Request the address](#)

The German company provides different kind of sensor and measurement technologies. The company's high-innovative sensor technologies can be used for fuel cells (mobile and stationary), pressure lines, tanks, storage tanks and power generators. Within a commercial agreement with technical assistance the company is looking for plant engineering companies which develop plants or systems for the use or production of hydrogen.

LATVIA [TOLV20190312001](#) [Full text here](#) [Request the address](#)
A university from Latvia has developed a cost-effective water activation for plant watering/spraying device. The device is mainly foreseen to be used in greenhouses. The university is offering commercial agreement with technical assistance to agricultural equipment producing companies.

LATVIA [TOLV20190612001](#) [Full text here](#) [Request the address](#)
A university from Latvia has developed a system for unassisted teaching and rehabilitation of talking skills for patients with speech disorders. The university is offering commercial agreement with technical assistance to parties interested in adapting the therapy to local needs and offering to their clients.

LATVIA [TOLV20191031001](#) [Full text here](#) [Request the address](#)
An SME from Latvia has developed a virtual reality trauma simulation technology as a tool for training of medical students, residents, healthcare professionals and physicians and military personnel. The SME offers research and/or technical cooperation agreement to research institutions, medical simulation centres, SMEs and other stakeholders for involvement in case studies for testing the technology efficiency or development of training courses to specific users.

SPAIN [TOES20191017001](#) [Full text here](#) [Request the address](#)
A Spanish initiative of specialised developers and nurses offers a virtual reality technology with controllers emulating the hands of the nurse to train in the insertion of peripherally inserted central catheters (PICC). They are looking for partners, with no preferred location, to establish commercial agreements with technical assistance and technical and research cooperation agreements.

ITALY [TOIT20191017002](#) [Full text here](#) [Request the address](#)
Partners of an Interreg cross-border cooperation project, Universities, Hospitals and Special Agencies, have developed a system integrating wearable and portable devices (all of them newly developed) for elderly physiological parameters monitoring (regular heartbeat and vascular pressure, oxygenation, body temperature, ECG, dehydration...etc) for a healthy aging. Industries and SMEs working in biomedical sector are sought for the system precommercial development and licensing agreements.

SINGAPORE [TOSG20190904002](#) [Full text here](#) [Request the address](#)
A Singapore institute has developed a vision-based navigation solution to aid indoor navigation in Global Positioning Systems (GPS) denied environments, eliminating the need for expensive and weighty sensors such as Light Detection and Ranging (LIDAR) which are commonly used in most indoor autonomous drones and Autonomous Ground Vehicles (AGV). The institute seeks licensing/commercial partnerships with technical assistance with MNEs/SMEs of all sizes.

SPAIN [TOES20191018001](#) [Full text here](#) [Request the address](#)
A Spanish research institute offers its expertise in synthesis and upscaling capacities of nanomaterials and coatings for using in development of characterisation protocols and modelling, therefore being able to define specific needs from the industry as well as production of samples for the validation of the protocols. The company has links with nanomaterials commercialization companies. They are looking for consortiums involved in project proposals for H2020 calls for research cooperation.

SPAIN [TOES20191029002](#) [Full text here](#) [Request the address](#)
A Spanish research institute, in conjunction with a German research center, has discovered 18 antibodies that show reactivity against the atherosclerotic plaque, so that, they could be used for the diagnosis of atherosclerosis. Moreover, the use of one specific antibody, A12 antibody, prevents the progression of the disease and reduces the level of free circulating cholesterol and LDL. They are looking for partners, with no preferred location, to establish a license agreement.

SPAIN [TOES20191018002](#) [Full text here](#) [Request the address](#)
A Spanish research institute offers its expertise in nanomaterials and functional coatings for concentrated solar power plants in order to increase performance and reduce costs. The centre offers their background and previous expertise for this field of application regarding self-cleaning solutions for mirrors, protective

anticorrosion coatings, infrared rays absorbing coatings and nano-additives for molten salts and thermal fluids. They look for project proposals to H2020 calls.

SPAIN [TOES20191010002](#) [Full text here](#) [Request the address](#)

Environmental consultancy based in Madrid (Spain) and specialized in nature-based solutions for climate change adaptation, aims to collaborate in H2020 projects leading the development and implementation of outreach strategies and actions. They look to establish a research cooperation agreement for developing outreach and dissemination strategies, in all European and third countries.

SPAIN [TOES20190904001](#) [Full text here](#) [Request the address](#)

A Spanish research institution has developed a water filtration installation. It contains tanks designed to perform various functions with the great advantage of performing all the functions in the same tank without having to change installation. This installation is used, for example, in seawater desalination processes. Industrial partners from the hydraulic sector companies are being sought to collaborate through a patent licence agreement.

SPAIN [TOES20190924002](#) [Full text here](#) [Request the address](#)

A Spanish research institution has developed a method that allows to generate pulsed signals of high power and energy through control over the spatial distribution of the intensity, nonlinear effects and the dispersive characteristics inside a laser. This method offers interesting possibilities for the processing of laser materials, the generation of high bandwidth light sources, the development of sensors or optical metrology, as possible field of application.

ITALY [TOIT20191017001](#) [Full text here](#) [Request the address](#)

An Italian designer offers an innovative multifunctional space-saving piece of furniture that includes in all in one solution: bed, sofa, cabinet, bookcase and work surface. The invention provides several advantages both in terms of use of space and in terms of practicality. The designer is offering the technology under license and manufacturing agreements.

ITALY [TOIT20190926001](#) [Full text here](#) [Request the address](#)

An Italian company has developed proprietary production lines that work double-sided PVC-coated fiber fabric to build anaerobic digesters, cover domes, constant pressure gasholders and tank covers for odour limitation. The systems allow high flexibility in shape and equipment to regulate and control the working pressure and gas flow rates. The company is looking for partners interested in biogas plants design/construction/management, within commercial agreement with technical assistance.

SWEDEN [TOSE20191014001](#) [Full text here](#) [Request the address](#)

A Swedish Managed Service Provider and Independent Software Vendor offers a modern, Kubernetes based container platform tailored for companies in regulated industries that want to be fast, innovative and enable a DevOps way of working while staying secure and compliant with regulations like GDPR, ISO-27001 and PCI-DSS. The company is looking for banking, fintech, regtech, medtech and biotech companies and cloud providers for commercial agreement with technical assistance.

TURKEY [TOTR20190919001](#) [Full text here](#) [Request the address](#)

A Turkish company which is working in the energy sector has been established in 2013. The company is carrying out the R&D works for renewable energy sources, wind turbines, high-efficiency engines for automotive, etc. They have eight different patents. They are looking for a license agreement.

SLOVENIA [TOSI20190805001](#) [Full text here](#) [Request the address](#)

A Slovenian research institution has developed a specific bio-molecular drug delivery system using a selective cathepsin inhibitor as a guiding molecule towards cancer sites. The invention solves the problem of safety and accuracy of drug delivery to the cancer target site. The researchers seek research cooperation for pre-clinical studies, clinical trials followed by upscaling the production according to the good manufacturing practices.

- SLOVENIA** [TOSI20190918001](#) [Full text here](#) [Request the address](#)
A Slovenian research institute and a university have developed an innovative antioxidant and antimicrobial flexible plastic material for making films and foils to be used in food industry and where food needs to be preserved for a longer period of time with help by temporary solutions. The Slovenian research institute and university are looking for manufacturers of foils and films for license agreements.
- SLOVENIA** [TOSI20191007001](#) [Full text here](#) [Request the address](#)
A Slovenian research institute has developed a novel method for surface treatment of polytetrafluoroethylene (PTFE, Teflon®) and other fluorinated polymers, which significantly improves wettability of the surface from highly hydrophobic to highly hydrophilic. The institute is looking for producers of PTFE products and other fluoropolymeric products for license agreement.
- UNITED KINGDOM** [TOUK20191017001](#) [Full text here](#) [Request the address](#)
A UK SME has developed a self-repairing industrial robot system using a patented novel method which eliminates planned and unplanned downtime and system failures. They now wish to engage with partners to further develop the innovation to a proof of concept and demonstration stage and also open to license agreements to companies wishing to adopt their invention.
- UKRAINE** [TOUA20190717001](#) [Full text here](#) [Request the address](#)
University, located in Ukraine, Odessa has developed a solar energy concentrator, which is based on Fresnel mirrors. It can be used as a block of solar energy stations for getting electricity and heating various objects (e.g. water) and for other purposes in technological processes of various types of production. University can propose development of innovation in cooperation, license for manufacturing or search of factories for organizing manufacturing.
- THE NETHERLANDS** [TONL20190619001](#) [Full text here](#) [Request the address](#)
A Dutch company specialized in control solutions for plants and systems developed a wind turbine controller code for new multi Mega Watt turbines. The code has many features that enhances performance. The company is looking for commercial agreement with technical assistance with companies involved in new wind turbine developments, smart grid developments, wind farm optimization and other users.
- UNITED KINGDOM** [TOUK20191010001](#) [Full text here](#) [Request the address](#)
A UK University has identified that sucralose can reduce the permeability of capillary walls, preventing the spread of cancer cells via the bloodstream, and inhibit the formation of blood vessels in new tissue, restricting tumour growth. It seeks partners to clinically trial and commercialise the product under at commercial agreement with technical assistance, a license agreement or a research cooperation agreement.
- UNITED KINGDOM** [TOUK20191010002](#) [Full text here](#) [Request the address](#)
A UK university has devised a cost-effective neuro-motor rehabilitation solution that improves range of motion and kinematic abilities of motor-impaired patients and is seeking partners either under licensing agreements or commercial agreements with technical assistance.
- GERMANY** [TODE20191001001](#) [Full text here](#) [Request the address](#)
A German company and a research organization aim to develop an automatized pre-shredder recycling process for the automotive or machinery industry in order to secure nearly 100% closed loop recycling in particular with respect to rare and valuable materials. The process requires data driven automatized dismantling and sorting machinery. The consortium looks for a research co-operation with an industrial partner interested in implementing the pre-shredder pilot process as prove of feasibility.
- FRANCE** [TOFR20191017001](#) [Full text here](#) [Request the address](#)
A French company focused on improving the daily lives of patients suffering from chronic diseases offers its expertise and its collaborative platform giving patients a new experience and repositioning them at the centre of the care system. It is interested to join H2020 projects under a research cooperation agreement.

UNITED KINGDOM **TOUK20191021001** [Full text here](#) [Request the address](#)

A UK company has developed a pulse reader and app that calculates your 'heart age' based on aortic stiffness, an indicator of developing (and reversible) illnesses. They are seeking industry and academic researchers from the healthcare sector who might use the device in their studies or to explore new applications for the device, via research cooperation agreement. They are also seeking distributors of healthcare devices to take the product to new markets under a business offer.

CZECH REPUBLIC **TOCZ20191014001** [Full text here](#) [Request the address](#)

The Czech inventor offers a solution for a multi-purpose solar power plant. The offered solution operates on the basis of four independent systems, which – thanks to energy storage – are able to generate electricity non-stop. Main advantages are combination of solar power plant and seawater desalination, which lead to faster return on investment than conventional projects. The inventor is looking for partners in order to further develop an idea based on a financial or license agreement.

CZECH REPUBLIC **TOCZ20191014002** [Full text here](#) [Request the address](#)

Czech researchers have developed and successfully implemented a special road barrier against vehicle ramming attack than can be easily manually assembled. The barrier offers very fast deployment on-site and an enhanced level of protection. The researchers are looking for manufacturing partners interested in a licensing agreement.

CZECH REPUBLIC **TOCZ20191015001** [Full text here](#) [Request the address](#)

Researchers from a Czech university have developed and successfully implemented a device optimised for special testing of a transformer's resistance during its short-time overload. The advantage of the equipment is that the power loading of a transformer may be recovered back to the mains without being dissipated. The researchers are looking for manufacturing partners interested in a licensing agreement.

CZECH REPUBLIC **TOCZ20191015002** [Full text here](#) [Request the address](#)

Researchers from the Czech university have developed and successfully implemented a special device that allows to test power capacitors in the mode when the alternating current passes through them, usually with high frequency and units up to tens of amperes, while the needed electric power and demands for the testing equipment are minimized. The researchers are looking for manufacturing partners interested in a licensing agreement.

CZECH REPUBLIC **TOCZ20191021001** [Full text here](#) [Request the address](#)

Researchers from the Czech university have developed and successfully tested a special device for testing asphalt pavement shear properties. The device offers the simple shear properties testing of granular materials. It can be used to design material and to perform quality checks. The researchers are looking for partners interested in licensing agreement.

THE NETHERLANDS **TONL20190809001** [Full text here](#) [Request the address](#)

Dutch company active in the development and marketing of machinery for medical device companies and tissue banks offers machinery and technology which optimizes the processing of soft (e.g. biopolymer fleeces, human tissues) and hard materials (e.g. bone grafts). Core competence is to develop customized equipment suitable for clean rooms. Cooperation could be either in the frame of a commercial agreement with technical assistance or a technical cooperation agreement.

FRANCE **TOFR20190117001** [Full text here](#) [Request the address](#)

A French company from the computer programming sector invented an embedded protection technology to secure and ensure accuracy of files. The SME offers license agreements for its standard ready to use applications, licence & technical cooperation agreements for clients willing to integrate the technology within their own processes, and service agreements for people interested in their software as a service.

UNITED KINGDOM **TOUK20190912002** [Full text here](#) [Request the address](#)

A UK company has developed a lightweight personal data consent service accessed as an API (Application Programming Interface). The technology allows organisations to provide a more accessible and clear service to clients as well as providing clear evidence for data compliance. They are seeking companies with apps to deploy

the product as white-label service via licensing agreements or to support deployment as an in-country standalone service via commercial partnership with technical assistance.

TURKEY [TOTR20190718001](#) [Full text here](#) [Request the address](#)

A Turkish developer of software solutions in virtual, augmented and mixed reality applications mainly for education, healthcare and marketing, is offering its capabilities through commercial agreement with technical assistance.

GREECE [TOGR20191001001](#) [Full text here](#) [Request the address](#)

A Greek IT SME, specialized in crowdsourcing methods and techniques within the fields of financial technologies, civic technologies and open innovation, has created novel solutions for its international client base. The company seeks public/private organizations and NGOs to conduct further research and/or co-develop customized products and services through research cooperation, technical cooperation, services or joint venture agreements.

SPAIN [TOES20191014004](#) [Full text here](#) [Request the address](#)

A Spanish Information Technology (IT) company offers a cutting-edge optimization tool for sales forecasting, production planning and procurement. The tool integrates a fast and powerful statistical analysis of the sales record of each company's product with business information and the state of the supply chain in order to provide an optimized production and procurement plan. The company is looking for partners to establish license agreement or commercial agreement with technical assistance.

GERMANY [TODE20191018001](#) [Full text here](#) [Request the address](#)

A small German company specialized in knitted clothing and technical textiles has developed a non-toxic textile-based antifouling and protecting material based on basalt thread for maritime buildings, sea-marks, bridges, wind mills and other applications in seawater environment. Efforts and costs are reduced significantly through considerable extension of maintenance intervals. Seeking industrial partners from the maritime sector and maritime operators for technical cooperation agreements.

GERMANY [TODE20191001002](#) [Full text here](#) [Request the address](#)

A Northern German SME has developed a patent-pending unique production process for liposomal formulations to significantly increase the bioavailability of active substances in dietary supplements. The company offers commercial agreements with technical assistance on the common development of customized liposomal formulations and/or manufacturing agreements on white label production to B2B partners worldwide related to food supplements, pharmaceuticals and health nutrition.

FRANCE [TOFR20191023001](#) [Full text here](#) [Request the address](#)

A French SME created a collaborative Artificial Intelligence (AI) online laboratory to bring AI softwares to integrators and innovators in all sectors. They want to engage a wide user community, foster adoption of AI, via use-cases experiments. The SME is searching for a consortium to answer to the call ICT-49-2020 with partners such as IT infrastructure company, specialist of human-machine interfaces, and research centers willing to transfer their know-how to the society.

UNITED KINGDOM [TOUK20191009001](#) [Full text here](#) [Request the address](#)

A UK midlands based SME has developed a patented technology for automatically filling the holes left by automatic nail and screw guns. This company has developed a robust fully functioning prototype and created significant patent protection for the technology. They are now seeking manufacturing and/or distribution partners with established routes to market and also a brand partner to license and sell their technology.

SINGAPORE [TOSG20190904001](#) [Full text here](#) [Request the address](#)

A Singapore institute has developed a novel eco-friendly larvicide which kills Aedes mosquito larvae to help combat mosquito-borne diseases such as dengue, malaria and zika. When activated by sunlight, the plant-derived larvicide generates free radicals that are highly lethal to larvae. The safer, cheaper and more targeted mosquito killing solution provides a sustainable solution to other methods such as fogging. The institute seeks technical cooperation with MNEs/SMEs of all sizes.

- SINGAPORE** [TOSG20190918001](#) [Full text here](#) [Request the address](#)
 A Singapore institute has developed a novel eco-friendly sandwich panel for cost-effective sound damping in electro-mechanical systems. The composite sandwich panel replaces traditional synthetic materials such as polyurethane foams with a mechanically stronger, injection mouldable and 3D printable structure with tunable sound, vibration, mechanical and heat absorption properties. The institute is interested in potential licensing opportunities with MNEs/SMEs of all sizes.
- BELGIUM** [TOBE20191010001](#) [Full text here](#) [Request the address](#)
 The Brussels-based SME offers integrated smart building solutions for preventive control of buildings. They have developed an energy modeling tool based on predictive control algorithms that can lead to 40% energy and CO2 savings and impressive operational cost reductions of buildings. The company is looking for partners for technical collaboration and to respond to the H2020 call LC-SC3-B4E-3-2020 on upgrading smartness of existing buildings, under a research cooperation agreement.
- BELGIUM** [TOBE20190225001](#) [Full text here](#) [Request the address](#)
 The Belgian SME is a research-based service provider making use of innovative skin models and methods to address efficacy & mechanisms of action of new products. In the context of chronic inflammatory skin diseases, the SME has developed specific models mimicking atopic dermatitis and psoriasis. These models are validated and respond positively to treatment with different benchmarks. The SME is looking for partners involved in new drug/product discovery and development for technical cooperation.
- UNITED KINGDOM** [TOUK20190830002](#) [Full text here](#) [Request the address](#)
 A UK R&D company specialised in an industrial electronics engineering has developed an innovative 'vision control sensor' solution for any robotics application. The VCS is a solution that can be used for incorporating state-of-the-art vision devices, control commercial of the shelf (COTS) actuators, interface a wide range of sensors and accelerate artificial intelligence algorithms. The company offers commercial agreement with technical assistance or a joint venture partnership.
- ITALY** [TOIT20190930001](#) [Full text here](#) [Request the address](#)
 A project group composed by some Northern Italian professionals working in different sectors designed a device capable of performing a first diagnostic blood, urine, phonocardiogram, eye fundus and audiometric exams for humans and animals, thanks to special computer applications on Smartphones. A patent application has been filed and companies that have an interest in the licence, development and marketing of this technology are being sought.
- ITALY** [TOIT20190809001](#) [Full text here](#) [Request the address](#)
 An Italian SME has developed an high safety and customised monocoque camper manufacturing technology. The final product is a camper, built up with the same aerospace techniques applied (fibre-foil and resin infiltration) using high strength materials, such us carbon and aramid high strength fibres. The Italian design is applied on German pick-up or commercial van. The SME is looking for marketing and commercial agreement with technical assistance, mainly in Europe and extra-UE.
- SPAIN** [TOES20190918003](#) [Full text here](#) [Request the address](#)
 A computer engineering research group from a Spanish university presents a system that improves the accessibility to learning platforms, through an automatic or manual scanning controlled by push buttons, very useful in the education sector, specifically for people with different motor capacities. They are looking for partners, with no preferred location, to establish technical cooperation agreements, license agreements or commercial agreements with technical assistance.
- SPAIN** [TOES20190913001](#) [Full text here](#) [Request the address](#)
 A research group from a Spanish university has developed a planning system that, using artificial intelligence techniques, allows a team of robots to combine their capabilities to complete more complex tasks. This cooperatIve ExploRation Routing Algorithm uses a ground vehicle to reach terrestrial targets and, a drone team

to reach the aerial targets. They are looking for partners, with no preferred location. The collaboration types sought are manufacturing and research cooperation agreements.

SPAIN [TOES20190407001](#) [Full text here](#) [Request the address](#)

A Spanish SME, active in software programming, has developed a novel smart indoor location and guidance platform. It is a complete indoor wayfinding solution with geolocated contents and audio guides. This tool helps innovate and offer new advanced services for customers and employees. They are interested in partnerships with local IT companies or final users for commercial agreements with technical assistance and/or technical cooperation as well as with investors for financial agreements.

SPAIN [TOES20190930001](#) [Full text here](#) [Request the address](#)

A Spanish SME, with much experience as a telecommunications service provider, has developed an innovative GIS platform for the remote management of networks and infrastructures. This powerful tool provides remote geolocation, digitalization, miniaturization, management and editing of telecom networks. The company is interested in partnerships with software distribution companies or telecom service providers for commercial agreements with technical assistance or technical cooperation.

FRANCE [TOFR20190626001](#) [Full text here](#) [Request the address](#)

A French innovative company that offers energy storage solution to industries willing to improve their energy efficiency by lost heats recovery and to renewables producers is looking for partnerships through commercial agreement with technical assistance, license agreement, manufacturing agreement or financial agreement. The company support the implementation of its solutions from diagnosis of the energy deposit to the implementation of its technologies and performance monitoring.

BELGIUM [TOBE20191004001](#) [Full text here](#) [Request the address](#)

A Belgian SME managing a free floating fleet of connected e-bikes is looking for a consortium to participate in a H2020 call on market uptake of EGNSS (European Global Navigation Satellite System) with the objective to reduce CO2 emissions of the public transport by introducing that data in the management of the fleet. The SME offers the fleet as demonstration case. Partners and coordinator are sought. They could be R&D institutions, public transport companies or cities.

ITALY [TOIT20190920001](#) [Full text here](#) [Request the address](#)

A mechatronic Italian SME implemented and patented a technology based on phase inversion and developed a "spray machine" tested to produce biocompatible patches for tissues regeneration and heart valves having polymeric base. Company search pharmaceutical industries interested to develop new medical products using spray technology, research centres to study biomaterials and health structures for clinical trials. Technical and research cooperation agreements are proposed.

SPAIN [TOES20191014001](#) [Full text here](#) [Request the address](#)

A researcher from the North of Spain has developed a new technology for the ripening of anchovies. Currently this new manufacturing process is under patent application. The technology is transferable to other seafood products. The researcher would be interested to cooperate with other companies of the agrofood sector under license agreements or technical cooperation agreements.

SPAIN [TOES20191015001](#) [Full text here](#) [Request the address](#)

A Spanish research group has developed a new method for obtaining carbon materials with excellent properties such as electrocatalysts in fuel cells or metal-air batteries. They are characterized by their outstanding catalytic activity and low manufacturing cost, making them candidates to replace the current platinum-based catalysts. Catalyst manufacturing companies interested in the commercial exploitation of this technology via patent licensing or technical cooperation agreements are sought.

SPAIN [TOES20191031002](#) [Full text here](#) [Request the address](#)

A Spanish university has developed a 3D-printed heterogeneous monolithic catalyst with polymeric support allowing the acceleration of catalytic reactions in an optimal way at moderate temperatures, being especially suitable in preferential oxidation of carbon monoxide in hydrogen rich gases. Catalyst manufacturing companies

interested in the commercial exploitation of this technology via patent licensing or technical cooperation agreements are sought.

FRANCE [TOFR20191001001](#) [Full text here](#) [Request the address](#)

The French SME designs and manufactures electrical connectors and terminals: wire-to-wire and wire-to-board housings, eyelets and cable lugs, busbars and other wiring accessories. It supplies the automotive industry. Now it wishes to develop its clients' portfolio and offers its technology and know-how in precision stamping, plastic injection, overmolding & insertion, automated assembly in the transport & logistics, aerospace, ICT, and intelligent energy sectors via manufacturing agreements.

UNITED KINGDOM [TOUK20190912001](#) [Full text here](#) [Request the address](#)

A UK energy company wants to develop its wave energy converter concept, which is a new arrangement of a series of pre-existing technologies and promises reliable energy outputs at multi mega watts level. They are seeking self-financing partners in demonstration of the concept in a simulation environment via research or technical cooperation agreement. They are also interested in financial agreement with investors or joint ventures with energy sector companies to do the first pilots in the sea.

AUSTRIA [TOAT20191003001](#) [Full text here](#) [Request the address](#)

An Austrian research center has produced in collaboration with a company a novel technology for a highly efficient wood composite material for light weight products. The technology was developed, tested and patented for the production of new wood particles and the formation of high strength and stiff engineered wood products such as beams, profiles, panels or even 3d-shaped parts for the building industry. The technology is offered for acquisition or licensing by potential manufacturers.

SWITZERLAND [TOCH20190911001](#) [Full text here](#) [Request the address](#)

A Swiss R&D group is conducting research in transmission systems and gears made from steel and plastic. Test benches, measuring machines & calculation software are available. The experiences range from experimental and numerical analysis, design and calculation to efficiency, vibration, lubrication and cooling tests and the support of the in-house manufacturing (conventional and additive). It offers testing/research/development and seeks partners for research/technology/industrial collaboration.