

## TECHNOLOGY TRANSFER E-BULLETIN

Date: 29.06.2020



### SPAIN

[TRES20200605001](#)

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A Spanish SME from the Basque Country is looking for field testing environments to bring its patient relation management system to the next level. This process automation company specialized in electronic devices looks for hospitals, elderly care centres, clinics or ambulance service providers to make its accurate biometric identification software system fully operational under a research or cooperation agreement.

### SPAIN

[TRES20200608001](#)

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A Spanish company specialised in the design and manufacture of thermal, thermo-acoustic and electromagnetic insulations for automotive industry is seeking a sprayable or projectable technology to improve the thermal insulation, noise reduction and vibration dampening of metal-based parts. Additionally, the solution has to be quick drying and flexible after application. The enterprise is looking for collaboration in the form of research cooperation, technical cooperation or license agreement.

### GERMANY

[TRDE20200612001](#)

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A world leading German manufacturer of chain systems and supplies for mining and industry is looking for a measuring system solution to determine angles in lashing and lifting devices. As this technology request refers to an innovation challenge for start-ups published on an open innovation platform only start-up companies are sought to collaborate within technical cooperation agreements.

### BELGIUM

[TRBE20200528001](#)

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A Belgian multinational active in consumer goods looks for antiperspirant/deodorant or body care sprays solutions improving the consumer's product experience while coping with strict safety and environmental regulations. Technical collaboration or license agreements are sought with industry or R&D centres.

### GERMANY

[TRDE20200616001](#)

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A German smart city datahub company is looking for a partner with sensor technology to record the level of underground condensate separators in a gas network and to transmit the data via LoRaWAN to an existing platform. As this technology request refers to an innovation challenge for start-up companies published on an open innovation platform, only start-ups are sought for technical cooperation agreements.

### GERMANY

[TRDE20200616002](#)

[Full text here](#)

[Request the address](#)

The largest German wastewater disposal company and operator of sewage treatment plants is looking for a solution in the area of image recognition and artificial intelligence (AI) to automate the conspicuity analysis on discharge sections of rainwater treatment plants and to optimise processes. As this technology request refers to an innovation challenge for start-up companies, only start-ups are sought for technical cooperation agreements.

### LITHUANIA

[TRLT20200610001](#)

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Lithuanian SME, working in construction sector, is developing a technology for manufacturing modular buildings blocks. The technology combines geo-polymer, plastic and polyurethane in the same technological process. The SME is looking to buy a polyurethane mixing/spraying machine which will be used in a 3D printer

to spray polyurethane layer upon layer. Partner sought should be the manufacturer or distributor of spraying machines and the expected partnership is technical cooperation agreement.

**FRANCE** [TRFR20200616001](#) [Full text here](#) [Request the address](#)

An innovative French SME is developing and producing environmental friendly products like de-icing salts, weed-killers or active substances for gardens and agriculture. The production of these compositions uses organic acids now produced in the chemical industry from non-renewable sources. The SME is looking for organic acids produced from renewable sources like straw, wood,... through a biomass process. Partnership can be considered via manufacturing, technical, R&D agreement.

**UNITED KINGDOM** [TRUK20200616001](#) [Full text here](#) [Request the address](#)

A small UK consultancy and technology developer is working with early adopters interested in hydrogen fuel cell (HFC) generators 10 kW and up. Indeed, existing HFC generators are rare and not so powerful. The SME has an immediate need to rent HFC generators of a total capacity of 60kW. Manufacturers of HFC generators are sought for commercial agreements with technical assistance. The technology roadmaps and early market pull will be discussed and business built to exploit these opportunities.

**THE NETHERLANDS** [TRNL20200603001](#) [Full text here](#) [Request the address](#)

A global operating medical device producer with sites in the Netherlands is looking for a robust technology to enable remote monitoring of inventory consumption of their medical devices in hospitals. Due to the sensitive area of usage, the requested solution must adhere to local regulatory requirements. The company is looking for a collaboration with industrial partners and envisions a commercial agreement with technical assistance, a license agreement or a technical cooperation agreement.

**THE NETHERLANDS** [TRNL20200609001](#) [Full text here](#) [Request the address](#)

The Dutch training and education company is looking for an IT-based instrument and technology to measure current and required knowledge, skills and personality traits and the skills gap, while taking into account the specific future circumstances of the organization where those employees work. Cooperation with partners is sought and a license or technology agreement is foreseen. This request refers to an innovation challenge published on an open platform.

**GERMANY** [TRDE20200625001](#) [Full text here](#) [Request the address](#)

The German hub of an international company is transforming a former industrial site into an innovative circular creative workspace. The goal is to realise this with a zero emission and carbon-free energy grid. The site will be available as a test bed for energy pilot projects and new ideas. As this request is part of an open innovation challenge targeted towards start-up companies, only start-up companies with relevant energy solutions are sought for technical cooperation.

**CHINA** [TRCN20200617001](#) [Full text here](#) [Request the address](#)

This is a Chinese company specialized in designing and manufacturing of household appliances. According to the company development strategy, they seek novel combustion system optimisation solution applied to gas water heaters from the European market. The Chinese company prefers the commercial agreement with technical assistance cooperation method.

**CHINA** [TRCN20200605001](#) [Full text here](#) [Request the address](#)

This is a Chinese company specialized in designing and manufacturing of household appliances. Currently, the Chinese company seeks long-distance air supply technology to be applied to air conditioners from the European market. The needed technology could increase air conditioner working area effectively. The Chinese company prefers the commercial agreement with technical assistance cooperation method.

**CZECH REPUBLIC** [TOCZ20200616001](#) [Full text here](#) [Request the address](#)

A Czech family run SME has developed a high quality organic stimulator of growth for bio vegetables, fruit, vine and other crops which is applied on soil and on the leaves of plants based on extracts from vermicompost. The SME is looking for growers of organic vegetables, fruit and vine interested in testing the product on specific plants and later exploiting that via closing a commercial agreement with technical assistance.

- SOUTH KOREA**                      [TOKR20200506001](#)                      [Full text here](#)                      [Request the address](#)  
A Korean company specialised in in-vitro diagnostics is looking for partners, interested in developing and commercialising aptamer immuno-PCR technology. This technology can detect not only prostate cancer but other types of cancers with 1000 times more sensitivity than the existing test technology, ELISA (Enzyme-Linked Immunosorbent Assay). The company prefers partners specialised in cancer diagnostics and in-vitro diagnostic kits under commercial, license, or research cooperation agreement.
- POLAND**                              [TOPL20200108001](#)                      [Full text here](#)                      [Request the address](#)  
A Polish SME specialized in the construction and building of machinery and equipment for a specific customer order offers innovative, multi-level, automated bicycle parking, which gives the opportunity to safely leave bicycles as well as to optimal use of urban space. The company is looking for individual partners, local government, institutions as well as universities all over the world under commercial agreement with technical assistance.
- RUSSIA**                                [TORU20200531001](#)                      [Full text here](#)                      [Request the address](#)  
A Russian company specializing in innovation has developed surgical heliomas against adhesions. The anti-adhesion gel contains hyaluronic acid, which promotes better tissue regeneration after abdominal, laparoscopic, or endoscopic operations. The company is looking for partners in Europe to conclude a manufacturing agreement.
- UKRAINE**                              [TOUA20190730002](#)                      [Full text here](#)                      [Request the address](#)  
A Ukrainian R&D institution working in a field of machine-building offers the technology for the production of carbon nanotubes (CNTs). CNTs are synthesized through the process of hydrocarbon catalytic pyrolysis. They can be used as additive seals to facilitate the working of the aircraft or gas turbine engines. The R&D institution is looking for partners to conclude manufacturing or technical cooperation agreement.
- UKRAINE**                              [TOUA20200513001](#)                      [Full text here](#)                      [Request the address](#)  
A Ukrainian scientist, Doctor of Engineering, has founded a new network science-intensive technology with many applications designed to solve problems of effective control of discrete processes for different purposes. It allows to find optimal strategies of control of many discrete technological and information processes (DTIPs) that can be endless stationary, limited in time. The scientist offers license agreements to industrial partners.
- UKRAINE**                              [TOUA20200527001](#)                      [Full text here](#)                      [Request the address](#)  
A Ukrainian University has developed micro/nanopowders with bright red luminescence based on bismuth-containing phosphors to companies, research groups and universities. The proposed phosphors have an outstanding chemical and thermal stability, low cost and enhanced luminescence. It is envisaged that the partnership will take the form of commercial agreements with technical assistance or research cooperation agreement.
- UKRAINE**                              [TOUA20200528001](#)                      [Full text here](#)                      [Request the address](#)  
A Ukrainian university has developed a device to be used for the manufacturing of metal-foils with layered coating of silicon carbide, chromium carbide or tungsten carbide by vapor-phase deposition method without mercury electrical contacts. In existing similar equipment the mercury contacts are usually used. They seek partners to improve the device via research cooperation agreement or/and to introduce the device via commercial agreements with technical assistance.
- UKRAINE**                              [TOUA20200616001](#)                      [Full text here](#)                      [Request the address](#)  
A Ukrainian University offers turbine generators based on vortex turbines which are a highly efficient source to produce electrical energy from the energy of compressed gas or steam and can be used for a wide range of purposes. The University is looking for partners interested in a commercial agreement with technical assistance.

**POLAND** [TOPL20200508001](#) [Full text here](#) [Request the address](#)

The Polish independent start-up and the public national research institute from the biotechnology branch has developed a new generation of the innovative diagnostic tumors' markers for medical applications. They are looking for investors willing to take a part in further products' development in return for equity in the enterprise. Joint venture agreement is a type of the considered partnership.

**POLAND** [TOPL20200603001](#) [Full text here](#) [Request the address](#)

The Polish independent start-up and the public national research institute from the biotechnology branch have developed a new generation of innovative ventilator, portable respirator to treat Covid-19 patients with respiratory dysfunctions using a new innovative source of ultra-pure oxygen. They are looking for investors willing to take part in further products' development in return for an equity in the enterprise. Joint venture agreement is a type of the considered partnership.

**GERMANY** [TODE20200608001](#) [Full text here](#) [Request the address](#)

An innovative SME based in Germany has developed and manufactured pressure amplifiers integrated in hydraulic cylinders. Thanks to integration, high pressure remains only in the cylinder with no external high pressure components. The product allows downsizing of cylinder / system while keeping the same force or getting more force out of existing system. They are looking for manufacturers of hydraulic cylinders for joint market approach based on a commercial or technical cooperation agreement.

**GREECE** [TOGR20200604001](#) [Full text here](#) [Request the address](#)

A Greek university has developed a novel device for detecting COVID-19 in 1-3 minutes, costing € 2-3 per sample, with a capacity of 100 per hour, as well as catching infections early on. The Greek university is interested in finding partners for conducting clinical research under technical cooperation agreements and manufacturers for massive production and commercial exploitation.

**SPAIN** [TOES20200521001](#) [Full text here](#) [Request the address](#)

A Spanish company, specialized in IT consulting services, has developed an innovative cloud computing solution that is able to execute online and batch programs currently being carried out on big IBM mainframes. The offloading of these processes on a cloud of cheap servers reduces mainframe millions instructions per second consumption, providing huge savings. The company is looking for international ICT integrators willing to collaborate under license agreement.

**SPAIN** [TOES20200617001](#) [Full text here](#) [Request the address](#)

Spanish manufacturer of security software solutions has developed a modular visibility and access control solution for corporate networks. This innovative solution with a modular approach allows to know information and operational technology devices connected to the network, achieving implementation processes to be fast and simple and preventing impact on productive environments during deployment. The company is looking for license agreements.

**POLAND** [TOPL20200615001](#) [Full text here](#) [Request the address](#)

A company from Western Poland specialised in production of graphene is looking for industrial and R&D partners interested in further development of the product (e.g. looking for new applications as well as testing the existing ones in real-life conditions). The offered graphene products are characterised by much better properties than the ones obtained in traditional way. The cooperation will be in the form of research or technical cooperation agreements.

**SWITZERLAND** [TOCH20200604001](#) [Full text here](#) [Request the address](#)

A Swiss SME active in the remediation of contaminated sites offers a solution for soil and wastewater treatment based on chemical oxidation processes. The processes can be applied for the rapid treatment of a wide range of contaminants (e.g. petroleum waste, hydrocarbons, polychlorinated biphenyls, herbicides) from 1 ppm up to 10% with a conversion rate of up to 97%. The company searches for partners/representatives for license, joint venture, commercial or technological cooperation agreement.

**SWITZERLAND**                      [TOCH20200612001](#)                      [Full text here](#)                      [Request the address](#)  
A Swiss SME active in the remediation of contaminated soils offers a physicochemical solution for rapid in-situ decontamination and washing of railway ballast, soil decontamination and treatment of herbicide leftovers in soil and groundwater. The processes can be applied for the rapid treatment of contaminants up to 10% with a conversion rate of up to 99%. The SME is looking for partners/representatives for license, joint venture, commercial or technical cooperation agreements.

**ITALY**                                      [TOIT20200508001](#)                      [Full text here](#)                      [Request the address](#)  
An Italian SME, specialised in additive manufacturing, has developed a way to manufacture highly detailed and realistic 3D printed models of human organs. The technique is based on a combination of technologies and materials to realize soft and hard tissues, enabling the surgeons to better plan therapeutic approaches, reduce operation time and costs, and increase the success chances of operations. The company is looking for partnership under research cooperation agreement.

**TURKEY**                                      [TOTR20191212001](#)                      [Full text here](#)                      [Request the address](#)  
An innovative Turkish company developed a hygiene air handling unit (Hygiene AHU) that is used in all operating rooms requiring sensitive and sterile conditions like food, pharmaceutical and chemical industries, air defense, aerospace and aviation industries, and facilities where sterile applications are made and hygiene conditions are required seeks cooperations under a commercial agreement with technical assistance, license agreement or manufacturing agreement.

**SLOVAKIA**                                      [TOSK20200610001](#)                      [Full text here](#)                      [Request the address](#)  
An innovative method and apparatus for contactless sensing of mechanical quantities have been developed by a team of inventors from an established Slovak university, an established Slovak scientific and research institute and a successful Slovak company. Using the proposed method, it is possible to sense mechanical quantities such as displacement (small deformations of the elastic member) with a high accuracy. The preferred cooperation type is license agreement.

**SLOVAKIA**                                      [TOSK20200611001](#)                      [Full text here](#)                      [Request the address](#)  
The innovative method of production of recombinant hyperthermostable catalase-peroxidase AfKatG from *Archaeoglobus fulgidus* (with the ability to catalyse efficient degradation of hydrogen peroxide in various conditions, including extremely high temperatures) was developed by a team of inventors from an established Slovak university and an established Slovak scientific and research institute. The preferred cooperation type is license agreement.

**SLOVAKIA**                                      [TOSK20200611002](#)                      [Full text here](#)                      [Request the address](#)  
An established Slovak research institute has developed polymer nanocomposite with antibacterial properties. The novel hybrid nanomaterial is composed of hydrophobic carbon quantum dots (hCQD) mixed with a polymer of choice (e.g polyamide, acrylics, butadiene, dialkylphthalate, dimethylsiloxanes, isoprene, etc.) in processes allowing manufacturing of different forms - coating, flexible film, foil, fiber and sheet. The research institute is looking for licensees or investor.

**SPAIN**                                      [TOES20200522001](#)                      [Full text here](#)                      [Request the address](#)  
The emergent disease caused by *Nosema ceranae* is considered a major health problem. Since no clinical signs are associated with the disease, its diagnosis requires the use of transmission electron microscopy or molecular methods, which are expensive and not available in many laboratories. A Spanish university has developed a monoclonal antibody that provides a specific, simple, rapid, and low cost diagnostic for nosemosis. Looking for license and commercial agreement with technical assistance.

**ITALY**                                      [TOIT20200609001](#)                      [Full text here](#)                      [Request the address](#)  
An Italian research center specialized in oncology has developed a novel tool for the evaluation of cognitive impairment that interfere with optimum quality of life. A 18 items questionnaire with score correlated to clinical outcome and indications will be configured in an app for patient reported outcome, allowing remote

monitoring. The research group is looking for technical agreements or licensing with companies that develop apps for medical applications.

**SPAIN** [TOES20200513005](#) [Full text here](#) [Request the address](#)

A Spanish research centre, has jointly developed with a Israeli university, a family of compounds able to inhibit Semaphorin3A fostering nerve regeneration after injury. These compounds can be useful for treatment of ischemic events such as stroke, glaucoma and other optical nerve and retina insults. Biotech or pharmaceutical companies are sought for license agreement and/or research collaboration to perform preclinical assays.

**SPAIN** [TOES20200513003](#) [Full text here](#) [Request the address](#)

A Spanish research institution has developed an immunochemical method for diagnosis of infections produced by Pseudomonas aeruginosa targeting the main signaling molecules of the pqs Quorum Sensing system. The immunoassay is fast and efficient, with low LOD and adaptable to point-of care devices. Partners from the pharmaceutical or diagnostics industry interested in patent licensing and/or in a research collaboration for the development of its applications are sought.

**SPAIN** [TOES20200527002](#) [Full text here](#) [Request the address](#)

A Spanish public research organisation has developed a novel catalyst, with a simple preparation method, that achieves the removal of 98% of N2O emissions at temperatures below 350°C, when applied in the so-called "tail gas" of nitric acid production plants (tertiary treatment) and under real manufacturing conditions (presence of water, oxygen and at high speed). Industrial partners interested in the production or use of the catalyst ,under a patent licence agreement, are being sought.

**SLOVAKIA** [TOSK20200518001](#) [Full text here](#) [Request the address](#)

Arrangement of multiple cameras in multi-directional stereo camera system has been developed by a team of inventors from the Slovak university in Bratislava. Main innovativeness is horizontal and spatial arrangement of the cameras on the carrier construction of the regular polyhedron with 360° camera nests. The preferred cooperation type is license agreement, they are looking for licensing the mentioned technology.

**SLOVAKIA** [TOSK20200522001](#) [Full text here](#) [Request the address](#)

A Slovak research company develops technologies and devices to examine complex consumer behavior in real conditions using consumer neuroscience. The system combines more inputs and methods based on real (hard) data so that the results are proven to be more objective. The preferred cooperation type is license agreement, joint venture or any partner agreement to help the company broaden its activities abroad.

**SINGAPORE** [TOSG20200518001](#) [Full text here](#) [Request the address](#)

A Singapore software solutions SME operating in the energy and industrial sector has developed a vertically integrated data analytics solution, involving system integration, data visualisation and automated machine learning for further global project implementation. The company seeks to partner SMEs from France or EUREKA participating countries via commercial agreements with technical assistance, with the interest to jointly apply for bi-lateral funding.

**ITALY** [TOIT20200507001](#) [Full text here](#) [Request the address](#)

The Italian company, working in the railway sector, developed a new system for the acquisition of the geometry and wear of the overhead line. The goal of the tool is the reduction of the constraints of rail operation and ensure greater availability and regularity of the railway infrastructure. They are seeking for a technical cooperation agreement.

**SLOVENIA** [TOSI20200609001](#) [Full text here](#) [Request the address](#)

A Slovenian research organization has developed a method for determination of radiation hardness of electronics/materials against neutron and gamma irradiation. All electronics are affected by the radiation including housing, screws, gaskets, etc. The method provides qualitative and quantitative assessment of the radiation hardness and the lifetime of the equipment exposed to radiation. Partners from the nuclear and medical sectors are sought for commercial agreements with technical assistance.

- SLOVENIA** [TOSI20200603001](#) [Full text here](#) [Request the address](#)  
A Slovenian public research organization has developed a novel method for measuring the fluorescence lifetime instead of or in addition to its intensity. The method enables the fluorescence lifetime of a sample to be determined without lengthy data acquisition and photobleaching of the sample. Partners are sought among optical instrumentation manufacturers for licensing and technical cooperation agreements.
- SLOVENIA** [TOSI20200608001](#) [Full text here](#) [Request the address](#)  
A Slovenian research organization has developed a new series of plasmids for advanced genetic modification of lactic acid bacterium *Lactococcus lactis*. The method is useful in the dairy industry as a cell factory and as a host for recombinant protein expression. Partners are sought in industry and academia in biotechnology for technical and research cooperation agreements.
- SLOVENIA** [TOSI20200417001](#) [Full text here](#) [Request the address](#)  
A Slovenian public research organization has developed a method of improving the wetting properties of surfaces by modifying the contact angle appropriately. In printed electronics applications the formation of nano-textured polymeric layers providing well-defined wetting conditions is required for high printing resolution and high stability upon drying. Partners are sought for licensing, technical and research cooperation agreements.
- SWITZERLAND** [TOCH20200617001](#) [Full text here](#) [Request the address](#)  
A Swiss organisation for economic promotion offers a platform to provide companies with the possibility to test and develop their innovation and technology in smart farming on real farms. This enables companies to develop their technology faster than testing in lab conditions and supports the acceptability of end users through joint tests. The Swiss organisation is looking for smart farming companies for research cooperation agreements.
- FRANCE** [TOFR20200615001](#) [Full text here](#) [Request the address](#)  
A French SME proposes a technology to rapidly detect texts and spoken content related to potential threats in multiple languages. The solution is also used to identify critical incidents for emergency response, to anticipate changes and innovations through yield optimization tools for industrial purposes and for all legal aspects with a textual information system. The company is looking for partners for commercial agreements with technical assistance.
- GERMANY** [TODE20200114001](#) [Full text here](#) [Request the address](#)  
A German research institute conducts research in the areas of energy, health and matter. A project output is a newly developed dimension of resistance measurement. The device is able to automate the measurement of a full set of electrical parameters for a comprehensive electrical sample characterization in the field of thin film characterization, wafer and device testing, and materials research. Partners are sought for a commercial agreement with technical assistance or a licence agreement.
- SPAIN** [TOES20200519001](#) [Full text here](#) [Request the address](#)  
Founded in 1986, the Spanish SME has been widely involved in industrial transformation of different sectors and activities. Evolving from operational technologies (OT) to Internet of Things (IoT) and Artificial Intelligence (AI), they have gained experience and specialisation in the field of industrial assets tracking technology solutions. They are looking for partners with industry relations, for cooperation under commercial with technical assistance or technical cooperation agreements.
- CZECH REPUBLIC** [TOCZ20200608001](#) [Full text here](#) [Request the address](#)  
A Czech research institute has developed and successfully prepared new hydrothermally stable metal-organic frameworks (MOFs). These metal-organic frameworks have application potential for gas storage and separation, membrane fillers, catalysis, lithium batteries, proton conductors, sensors, and drug delivery systems. The main advantage of the solution is introduction of phosphinic acid groups. The researchers are looking for partners interested in research or technical cooperation.

**UNITED KINGDOM**      **TOUK20200603002**      [Full text here](#)      [Request the address](#)

A UK company has developed an app that provides surgical and anaesthetic teams with clinical information derived from remote initial consultation, pre-operative assessment and uplifted by digital technology, to create a complete perioperative digital pathway and discharge. The app is part of a broader secure virtual clinic to speed up outpatient care in the wake of COVID-19. They are seeking hospitals to integrate the system via commercial agreement with technical assistance.

**ITALY**      **TOIT20200612001**      [Full text here](#)      [Request the address](#)

An Italian company designed a machine to produce surgical masks. The masks are obtained from the overlap of three layers of nonwoven fabric (external Spunbond, Meltblown and internal Spunbond), the insertion of the nose wire and eventually the welding of two elastic ear loops. The machine, capable of a production of 120 pieces per minute, has reduced overall dimensions (8 m x 4,5 m x 2,2 m). They are looking for machine manufacturers for a technical cooperation agreement and a license agreement.

**THE NETHERLANDS**      **TONL20200611002**      [Full text here](#)      [Request the address](#)

A Dutch SME develops and produces precision opto-mechanical modules for alignment, measurement and control, guidance and high precision parts for the semiconductor industry. Most important innovation is their expertise in co-developing and producing the optical modules, software included. The SME is interested in manufacturing agreements with technical assistance for transferring the know-how and technology to a main supplier or original equipment manufacturer in the semiconductor industry.

**THE NETHERLANDS**      **TONL20200611001**      [Full text here](#)      [Request the address](#)

A Dutch SME develops and produces precision opto-mechanical instruments for the space sector. Most important innovation is their expertise in co-developing of small ruggedized sensitive instruments and producing next generation laser-based modules for satellite applications. The SME is interested in manufacturing agreements with technical assistance for transferring the know-how and technology to prime space contractors.

**UNITED KINGDOM**      **TOUK20200514001**      [Full text here](#)      [Request the address](#)

A small specialist spin out company from a UK university based in the South East has developed a cloud-based candidate interview system which prioritises the reduction of bias and resource costs in candidate selection. The SME is looking for test partners from both public and private sectors to offer commercial agreement with technical assistance. In the current environment the system has the additional advantage of supporting processes while normal interview attendance is not possible.

**GERMANY**      **TODE20200602001**      [Full text here](#)      [Request the address](#)

A German IT company offers a digital solution that renders possible to plan and monitor workforce on construction sites safely and with social distancing via wearables and geographic information system tracking while at the same time complying with data protection. Partners from construction industry are sought to implement and demonstrate the solution in the framework of commercial agreements with technical assistance.

**SPAIN**      **TOES20200608001**      [Full text here](#)      [Request the address](#)

A Spanish company offers a European patented technology of a silent hair drying device for hairdressing salons and hotels. The multifunctional workstation successfully developed in cooperation with a Spanish university improves on current hair dryer technology due to its low noise level, higher airflow, less weight and better ergonomics. Partners interested in its further development under a technical cooperation agreement, or a licensing agreement for its commercialization, are sought.

**ITALY**      **TOIT20200611001**      [Full text here](#)      [Request the address](#)

Italy based company operating in the fields such as robotics, virtual and augmented reality for health and wellness sectors is offering a software to face with Covid-19 inside of a hospital and thus eliminate the nurses', doctors' and all hospital staff's possible virus infection and minimizing the use of personal protective



equipment. Hence, the company is looking for an interested entity to sign a long term commercial agreement with technical assistance.

**SERBIA** [TORS20200526001](#) [Full text here](#) [Request the address](#)

A Serbian company has developed an innovative hypodermic safety needle. The advantages compared to the existing safety needles are: provides protection during the three operative phases; its ergonomic concept allows for single-hand use; the production costs of this safety needle and of a standard needle are identical; and the production cost is 5 to 15 times lower than of existing safety needles. The company seeks partners for a joint venture or a license agreement.

**SPAIN** [TOES20200513001](#) [Full text here](#) [Request the address](#)

A Spanish university has patented a solar oven that can be permanently installed outdoors for cooking, heating and/or sterilizing, especially useful for its use in impoverished regions or developing countries. It has been designed to be completely passive, with no energy consumption or fluid incorporation. It can also be used under low or null solar radiation as it allows solar collection and heat storage. They are searching for partners for license and/or commercial agreements.

**SPAIN** [TOES20200610002](#) [Full text here](#) [Request the address](#)

A Spanish University has developed a unique system to automatically detect human presence. It uses image analysis algorithms to process the images recorded by the cameras, regardless of physical appearance, including algorithms for visible spectrum cameras and far-infrared cameras. Companies specialized in security and surveillance systems, driver assistance systems, or aerial image analysis sectors are searched for developing and testing a prototype under financial agreement.

**SPAIN** [TOES20200525001](#) [Full text here](#) [Request the address](#)

Researchers have developed a bi-colour optical fibre pyrometry for measuring high temperatures in hard-to-access environments, such as the machining processes with machine tools. It is based on measurements in two spectral bands and uses conventional communications fibres, a single type of photodetector, power meter and other of communications components improving the sensitivity and reduces by more than half the costs of the system. Looking for license and/or technical cooperations agreements.

**SPAIN** [TOES20200513004](#) [Full text here](#) [Request the address](#)

A Spanish university has developed a novel device that consists of a micrometric structure formed by the action of several intertwined electrode combs. The shape and the focal point of the microlenses are tunable by means of the individual voltage control of each comb. It has been designed for autostereoscopic and plenoptic capture systems. In order to further develop this technology, the university is looking for partners to work under technical cooperation, license or financial agreement.

**SPAIN** [TOES20200610001](#) [Full text here](#) [Request the address](#)

A Spanish University has developed an innovative real-time detection system for technical energy losses throughout distribution networks. The system is conceived as several electronic smart meters located in the customers' installation of energy distribution networks. The University is currently looking for potential partners from the smart grid sector such as distribution system operators and smart meters' manufacturers to work under license agreement.

**SPAIN** [TOES20200610003](#) [Full text here](#) [Request the address](#)

A Spanish University has developed a new smart energy technology: a power-over-fiber system based on optical fibers for data transmission and remote powering. Insensitive to high magnetic fields, it's ideal in extreme areas with high electromagnetic interferences or lightning protection. The University is seeking companies manufacturing wind turbines or monitoring power plants to develop a prototype adapted to their needs under financial or technical cooperation agreement.

**SPAIN** [TOES20200305002](#) [Full text here](#) [Request the address](#)

A Spanish university research group has developed a disruptive method that allows the magnetization of oocytes and embryos by means of the union of nanoparticles to their external layer. This allows their manipulation without physical contact minimizing errors and reducing costs in the assisted reproduction techniques. Biotech companies in the field of animal or human assisted reproduction are sought for license agreement and/or technical cooperation agreement.

**ITALY**

[TOIT20200525001](#)

[Full text here](#)

[Request the address](#)

An Italian company, highly skilled in all preclinical stages of compound development, drug development and drug combination studies, has implemented a series of methodologies to study antiviral efficacy and toxicity of drugs, against new coronavirus SARS-CoV-2, having access to different viral strains for testing. The Italian company is interested in commercial agreements with technical assistance, technical or research collaborations.