

TECHNOLOGY TRANSFER E-BULLETIN

Date: 03.10.2018



MACEDONIA

[TOMK20180821002](#)

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A Macedonian home automation company offers a smart monitoring and control system for electrical installations and devices. The system is cloud-based with high monitoring capacity and requires no modification of existing installations. The different monitoring and safety functions can be accessed via mobile and desktop applications enabling increased energy efficiency, safety and device protection. Partners for commercial agreement with technical assistance are sought

GERMANY

[TODE20180815001](#)

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A German research company developed a new voluminous concept for an efficient definition and global identification of digital data, especially useful for medical documentation. The researcher is looking for a company or an institute worldwide in order to reach a commercial agreement with technical assistance to bring the conception on the market

GERMANY

[TODE20180704001](#)

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A German SME offers innovative customisable UV light and ozone treatment units for effective chemical-free water disinfection providing reliable bacteria, virus, spores and germs elimination. Individual or combined devices can be used for the tertiary treatment stage of sewage plants, for cooling water cycle disinfection or heavily germ-infested waste water from industry or hospitals. Company seeks water treatment engineering companies/plant operators or end users for commercial agreements

GERMANY

[TODE20180828003](#)

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A German SME that developed a sensor suite for large gantry cranes offers the related sensor and positioning technology to industrial partners within commercial agreements with technical assistance. Applications are in position detection and control for automation tasks, position detection of mobile equipment or 3D collision avoidance. The new technology results in a reduction of costs due to optimized equipment utilization up to autonomous operation and easy supervision from a remote location

CZECH REPUBLIC

[TOCZ20180827002](#)

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The new mobile Horizontal Bag-Type Anaerobic Bioreactor offered by a Czech start-up company is an innovative, affordable and cost-effective product that will enable energy biomass or biowaste producers or processors to obtain a reliable small-scale way of producing biogas for energy use and fertilizer for agriculture. The technology is offered for license agreement

GERMANY

[TODE20180813002](#)

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German high-tech SME with focus on micro-engineering tools for processing semiconductors developed a novel high-energy ion implantation technology, based on energy filter for ion implantation (EFII), enable very precise, depth-distributed doping of any desired semiconductor material (e.g. SiC). Seeking companies from semiconductor sector and foundries using ion implantation or producing ion beam accelerators, for technical cooperation and commercial agreements with technical assistance

CZECH REPUBLIC [TOCZ20180824004](#) [Full text here](#) [Request the address](#)
A Czech technical university developed the technical design solution for cooling disk brakes. Developed solution has a higher efficiency for cooling the disk brakes and the entire brake system (callipers, pads, disks). The university is looking for manufacturers of brake components from automotive, aerospace and machinery industry and offers manufacturing and licence agreement

CZECH REPUBLIC [TOCZ20180824003](#) [Full text here](#) [Request the address](#)
A Czech technical university developed a new method of non-contact measuring of outer dimensions of cross sections of metallurgical bar stock typically even during production when measured object is moving and its surface has temperature over 1000°C. Furthermore, this technology includes the highly modular frame allowing easy implementation of this measuring method in many variations based on customers' requirements. The university is looking for commercial partners

LITHUANIA [TRLT20180705001](#) [Full text here](#) [Request the address](#)
A Lithuanian furniture manufacturing company is looking for a robotic solution to make part of their processes more effective. The company is looking for a conveyor line solution that would enable loading and unloading lorries with goods more efficiently and without a need to use a forklift. In the best case scenario they would like to sign a commercial agreement with a technical support from a technology supplier

LITHUANIA [TRLT20180822001](#) [Full text here](#) [Request the address](#)
A Lithuanian design SME is looking to expand their services through purchasing a specialized printing technology enabling the company to provide a wider range of printing services to the customers. Printing technology machine with a maximum resolution of 1200x4800 dpi would help to ensure the company to gain a significant competitive advantage by expanding offered services. The company is looking for a licensing or commercial agreement with a technical support

LATVIA [TOLV20180821001](#) [Full text here](#) [Request the address](#)
A private researcher from Latvia is looking for a manufacturing company that is technologically capable of making electric egg maturation appliance for everyday use in everyday life, with application around the world where electricity is used for cooking. The partner sought should be manufacturer of electrical food preparation appliances. The researcher offers commercial agreement with technical assistance

CHINA [TRCN20180819001](#) [Full text here](#) [Request the address](#)
A Chinese engineering machinery company is looking for an automatic control system for drilling jumbos. They want to cooperate with R&D or industry partners through research cooperation and technical cooperation agreement

NETHERLANDS [TONL20180810001](#) [Full text here](#) [Request the address](#)
A Dutch SME is offering their expertise and facilities on cellular testing to provide new in vitro diagnostic (IVD) tests and vaccines for bacterial infections. The company has developed a cell-mediated immunity test for Coxiella (Q fever) and has broad experience in Lyme disease testing and validation. They are open for contract research assignments or as SME partner in a grant application in the frame of a license agreement, a research cooperation agreement or a services agreement

LITHUANIA [TOLT20180725001](#) [Full text here](#) [Request the address](#)
Lithuanian SME developed a centralized biometric sobriety testing system which do identifies employees by using facial recognition technology and at the same time checks for presence of alcohol in the employees before the entering the working site and at the end of a day. The solution combines knowledge of the Internet of Things, cloud computing, biometry and smart engineering. The company is looking for potential partners for commercial agreement with technical assistance

- UNITED KINGDOM** **TOUK20180905001** [Full text here](#) [Request the address](#)
 This UK company are developing a novel smart adhesive offering in-situ monitoring of bonded joint performance. End users will be able to assess in real-time a bonded joint's stress, load or environment. This technology may also provide information on structural health; checking a bond at manufacture or seeing if there has been damage in use. The company seeks an adhesives manufacturer or end user for cooperative development under either a research or technical co-operation agreement
- FINLAND** **TOFI20180831001** [Full text here](#) [Request the address](#)
 A Finnish company has developed a solution that recovers heat energy and thus creates 40% of energy savings in households. The solution is easy to install, either during the building phase or on renovation projects. The company is now focusing on their other business lines and is looking for a licensee or buyer for their patented energy saving technology. The desired cooperation form would be a license agreement or a commercial agreement with technical assistance
- GERMANY** **TODE20180801001** [Full text here](#) [Request the address](#)
 A German university has developed a new blood substitute, which owns similar rheological properties as human blood and can be used as a fluid replacement in the case of great loss of blood and as a calibrating liquid for dialysis devices. The university is looking for companies interested in further developing and bringing the substitute to the European market. Non-exclusive and exclusive licenses for production and distribution are sought-after; option agreements are possible
- SLOVENIA** **TOSI20180830001** [Full text here](#) [Request the address](#)
 A Slovenian research institute with experience in Ambient Intelligence has developed a personal health system to help congestive heart failure patients to better manage their condition. The system provides accurate advice on disease management adapted to each patient. Its decision models and functions have been validated by medical experts. It is available via license or services agreement to companies and researchers developing healthcare applications
- CZECH REPUBLIC** **TOCZ20180824002** [Full text here](#) [Request the address](#)
 A Czech university research centre has developed an innovative technology for tool steel preparation. Tool steels prepared by the classical metallurgical process contain chromium carbides which cause material toughness degradation. This technology helps increase material toughness by removing chromium carbides from the steel structure. The centre is seeking manufacturers of tool steels interested in license agreement, technical cooperation agreement or research cooperation agreement
- CZECH REPUBLIC** **TOCZ20180827001** [Full text here](#) [Request the address](#)
 A Czech university research centre has developed an innovative technology which consists of hardware and software of a universal control unit for advanced motion control of industrial robots. The technology enables an intuitive way of teaching the robot operations by hand-guiding the robotic arm. The centre is seeking producers of robot systems or companies requiring robot automatization interested in license agreement, technical cooperation agreement or research cooperation agreement
- CZECH REPUBLIC** **TOCZ20180824001** [Full text here](#) [Request the address](#)
 A Czech University research center has developed an advanced technology of manufacturing forged parts. This technology allows the production of weight-reduced, high-strength ductile forgings with no need to use energy-consuming and financially-demanding forging devices. The research centre is seeking manufacturers of ductile forgings interested in license agreement, technical cooperation agreement or research cooperation agreement
- GERMANY** **TODE20180828002** [Full text here](#) [Request the address](#)
 A German engineering company, specialised in sensor and automotive technologies, has developed a fully functional system solution for monitoring the structural health of bridges and buildings in urban and also remote locations. The products are very versatile long range sensor transmitters and may be used beyond structural health monitoring in diverse IoT surveillance and data collection services. The company is looking for license and commercial agreements with technical assistance

- UNITED KINGDOM** **TOUK20180823001** [Full text here](#) [Request the address](#)
This UK SME specialist tooling manufacturer develops cutting tools for machining advanced alloys across various industrial sectors. These cutters are usually used for finishing operations at the final stages of production and are expected to provide specific quality requirement. The SME seeks evaluation partners to further test the tools allowing optimisation in the production process in novel machining environments. Reciprocal technical cooperation agreement or research cooperation is sought
- CHINA** **TRCN20180819003** [Full text here](#) [Request the address](#)
A Chinese marine and freshwater net equipment company is looking for general-purpose polyolefin material of high performance for fishing. Secondly, they want to cooperate with academia or industry partners through research cooperation agreement and technical cooperation agreement, to strengthen composite materials or reduce the hydrodynamic drag for example
- CHINA** **TRCN20180819004** [Full text here](#) [Request the address](#)
A Chinese geomaterials manufacturing company is looking for a radiation-proof and ductile composite geomaterial with high performance. They want to cooperate with academic or industrial partners through research cooperation agreement and technical cooperation agreement
- TURKEY** **TRTR20180807001** [Full text here](#) [Request the address](#)
A Turkish company has been specialized mainly on manufacturing and design of incineration technology and on the flue gas treatment units. The company who is expert on the rotary kiln and static kiln type incinerators seeks technical expertise in the design of fluidized bed incinerators for sludge and grate type incinerators for the municipal waste and biomass under research or technical cooperation agreement
- ROMANIA** **TORO20180814001** [Full text here](#) [Request the address](#)
A Romanian research institute has developed a process for seeding to grass on ash deposits and slag from coal burning in power plants, through fertilisation of the inert layers with organo-zeolitic fertiliser. The Romanian research institute is looking for companies interested in purchase this technology for commercial exploitation, interested for technical cooperation agreement and for commercial agreement with technical assistance
- CZECH REPUBLIC** **TOCZ20180806001** [Full text here](#) [Request the address](#)
A Czech university has developed a web-based tool to support the reporting and analysis of aviation safety occurrences. The tool allows classification according to International Civil Aviation Organization as well as causal event chain modelling and analysis. The tool can be used directly by aviation organization to create occurrence reports compatible with latest EU regulations. The researchers look for industry partners to help in further development and commercialization of the solution
- FRANCE** **TOFR20180726001** [Full text here](#) [Request the address](#)
A French Technology Transfer Office (TTO) offers an innovative algorithm for designing turbine blades. The French TTO is looking for interested industrial designers for a licensing agreement or for a technological cooperation agreement
- FRANCE** **TRFR20180712001** [Full text here](#) [Request the address](#)
A French SME has developed an innovative solution which consist of a pyrogasification-based process where biomass is converted with optimum efficiency. The SME is looking for expertise in gaz separation and compression as well as hyrogen uses and distribution network for Commercial agreement with technical assistance and/or Research cooperation agreement. Industrial and financial partners (Financial agreement) are also sought to accelerate the implementation of the project
- ITALY** **TOIT20180629002** [Full text here](#) [Request the address](#)
An Italian research centre has developed successful protocols to obtain a fermented product through nut fermentation. The new solution can comply with the increasing demand for vegan and vegetarian foods. They are looking for food industries interested in a technical cooperation or manufacturing agreement or in a services agreement to share know how for new products. They are also looking for research laboratories interested to take part in the project through a research cooperation agreement

- ITALY** [TOIT20180629001](#) [Full text here](#) [Request the address](#)
 An Italian research centre, through its team of food microbiology, has developed successful protocols to increase the shelf-life and safety of fresh products through the addition of selected microbial cultures able to avoid or reduce the proliferation of pathogens and spoilage microflora. They are looking for food industries interested in a technical cooperation or manufacturing agreement and for research laboratory interested to take part in the project through a research cooperation agreement
- ITALY** [TOIT20170608001](#) [Full text here](#) [Request the address](#)
 An Italian start-up, that works in the pharmaceutical sector, invented a novel drug delivery system for local release of anticancer drugs. This new system is based on a biocompatible and biodegradable polysaccharide film for application at the tumour resection site during surgery. They are looking for medical product manufacturer in order to achieve the industrialization of the film throughout a financial, joint venture or licence agreements
- ITALY** [TOIT20170213001](#) [Full text here](#) [Request the address](#)
 A novel drug release system based on a modular technology has been developed by an Italian start-up, that works in the pharmaceutical sector. The drug release system consists in tablets that are assembled in a single structure and that allows to administer different drugs simultaneously, at different rates and targeted sites. The startup is looking for pharmaceuticals companies for financial or joint venture to resume pharmacokinetics studies and to start the drug production
- ITALY** [TOIT20170316001](#) [Full text here](#) [Request the address](#)
 An Italian startup, that works in the pharmaceutical sector, has developed a new technology that produces an antibiotic powder for dry powder inhalers as an innovative treatment of lung infections. The startup is looking for pharmaceutical industries that deals with the production of drugs by inhalation, for the industrialization of the innovative technology throughout a license or a joint venture agreements
- ITALY** [TOIT20170207001](#) [Full text here](#) [Request the address](#)
 An Italian startup, specialized in bioprinting activity, develops 3D-bioprinters, key structures and compositional materials targeting human tissue repair and regeneration. The startup is looking for industrial partner working in the health-care area for manufacturing, financial or licensing agreement for the industrialization of its products
- GERMANY** [TRDE20180917001](#) [Full text here](#) [Request the address](#)
 A German SME active in the development of strapping materials to secure loads and packages is actually developing a bio-based, compostable strapping solution. The company is working with a wood based yarn and needs a, preferable hot-melt, glue to finish their product. The SME is searching for experienced partners in the processing of hotmelt glues to find a suitable glueing solution. Targeted types of cooperation are joint further development and commercial agreements with technical assistance
- BULGARIA** [TOBG20180913001](#) [Full text here](#) [Request the address](#)
 A Bulgarian SME with great experience in the design and fabrication of novel high-frequency electronic systems, systems with embedded control, and microwave-based sensors has developed an innovative device for breast cancer screening. The working principle is based on the detection of thermal electromagnetic emissions from the tumor. It can be used for screening in areas with difficult access to medical facilities. Technical agreements and research cooperation agreements are sought
- ITALY** [TRIT20180906001](#) [Full text here](#) [Request the address](#)
 An Italian company, specialised in the production of Organic Rankine Cycle systems for power production from renewable energy sources, has patented innovative production methods for turbomachinery components, in particular bladed parts. The company is looking for partners interested in developing the new manufacturing methods under technical cooperation agreements. Joint venture and manufacturing agreements can be considered with companies able to offer a deeper and continuous collaboration

- ITALY** [TRIT20180910001](#) [Full text here](#) [Request the address](#)
 An Italian hand-craft laboratory, that works in the creative sector and produces handmade jewels from recovery polyethylene terephthalate (PET), is seeking for technicians or experts in processing PET, or plastic materials structurally comparable to PET, for a technical cooperation agreement or service agreement
- BULGARIA** [TOES20180912001](#) [Full text here](#) [Request the address](#)
 A Bulgarian inventor with experience in applied R&D has developed an innovative device for prevention and treatment of spinal deformity. It is applicable in the field of biomedical engineering, sports, assistive technology for people with disabilities, education and training. The inventor is looking for research cooperation agreements with companies and R&D institutions for further development and testing of new applications and also manufacturing agreements with companies
- BULGARIA** [TOBG20180911005](#) [Full text here](#) [Request the address](#)
 A Bulgarian research institute has developed an innovative method and device applicable for precise diagnosing of the "dry eye" medical condition. The institute is looking for commercial agreements with technical assistance with companies for the implementation of the innovation
- SPAIN** [TRES20180911001](#) [Full text here](#) [Request the address](#)
 A Spanish engineering SME is looking for research institutions, companies and/or experts with know how and experience in manufacturing hydroxytyrosol from olive leaves, pits and/or from the dark liquid waste resulting from pressing olives (as known as "alpechín") to participate in the construction of a pilot plant that allows the development of consumer products. Manufacturing and technical cooperation agreements are sought
- SPAIN** [TRES20180905001](#) [Full text here](#) [Request the address](#)
 A Spanish engineering SME is looking for technology partners (Research Center, University, Laboratory or an expert) with experience in the extraction of essential oils from rockrose flower (Cistus Ladanifer) to reach a technical cooperation agreement. In particular, the company is interested in chemical-free extraction technologies such as vacuum evaporation, steam distillation, supercritical fluids extraction or any other non-aggressive technologies for the final product
- GERMANY** [TODE20180910002](#) [Full text here](#) [Request the address](#)
 A German university has developed a novel process for the synthesis of hydrazines, compounds for the synthesis of several pharmaceuticals and precursors of natural products. The invention is more efficient and less hazardous than current procedures. The university offers a license and a technical cooperation agreement to the pharmaceutical or chemical industry
- SPAIN** [TOES20180910001](#) [Full text here](#) [Request the address](#)
 A Spanish SME working in educational robots has developed an augmented reality based solution for carrying out digital learning activities, with the use of educational robots, to introduce new methodologies in teaching the official curricula, and to apply the latest developments in ICT and educational robotics technologies in order to improve the quality of education. Partners working in education are sought for technical cooperation and commercial agreements with technical assistance
- SPAIN** [TOES20180905001](#) [Full text here](#) [Request the address](#)
 A Spanish entrepreneur, inventor and engineer has developed a low cost device that senses fire (via smoke temperature or gas detectors) and that can be attached to conventional fire extinguishers and in case of fire will set off the fire extinguisher automatically. The entrepreneur is looking for companies interested in a license agreement for the patented invention
- UNITED KINGDOM** [TOUK20180830001](#) [Full text here](#) [Request the address](#)
 A UK company has developed a standalone electronic device to provide enhanced control over who is authorised to drive a vehicle, which incorporates a smart card. The immobiliser device is able to integrate with existing third party equipment on a bus such as telematics and smart ticket machines, to ensure that only an authorised driver can start the bus. They are seeking bus companies interested in having the device installed by the company via commercial agreement with technical assistance

- FRANCE** [TOFR20180720004](#) [Full text here](#) [Request the address](#)
 The French TTO (Technology Transfer Office) is acting on behalf of an established public laboratory of the Paris region that has developed and patented an innovative platform that allows to easily build an innovative semiconductor based on a monolithic aluminium alloy. The French public research centre is looking for interested companies for research agreements or license agreements
- CZECH REPUBLIC** [TOCZ20180831001](#) [Full text here](#) [Request the address](#)
 A Czech research and development company which specializes in polymer nanofiber research has developed a nanofiber coated mosquito net. The net filters the air and separates smog, sand, pollen and other airborne pollutants. They are looking for a licensee who is interested in manufacturing a product for the market. License agreements are sought. Company is also opened for further research and development of the product with close cooperation with the partner
- ITALY** [TOIT20180831001](#) [Full text here](#) [Request the address](#)
 An Italian R&D company specialised in industrial electronics engineering has developed an innovative generator set controller which adopts last microprocessor technologies increasing the reliability and allowing the integration of all the functions required in a single device and the communication with all the existing channels to achieve the Industry 4.0 paradigm. Experienced generator set manufactures are sought for both technical and commercial cooperation agreement with technical assistance
- SPAIN** [TOES20180824001](#) [Full text here](#) [Request the address](#)
 A Spanish SME has developed an innovative solution for the protection of urban environments and critical infrastructures that provides those in charge of public and private security with an intelligent surveillance and decision making service in critical situations. It is based on a set of intelligent robots embedded inside a fleet of Unmanned Aerial Vehicles (UAV). The SME is interested in final users for commercial agreements with technical assistance or IT companies for technical cooperation
- CHINA** [TRCN20180828002](#) [Full text here](#) [Request the address](#)
 A Chinese scandium producing company is looking for aluminum-scandium alloy processing technology and production technology of Al-Sc welding wire. They want to cooperate with partners through research cooperation agreement and technical cooperation agreement
- RUSSIA** [TORU20180828002](#) [Full text here](#) [Request the address](#)
 A research university from Russia represents the manufacturing technology of liquid and solid flocculants for efficient single-stage treatment of effluents and sewage. The effect is achieved through unique compositions of chitosan copolymers (flocculants are partially natural, partially synthetic). Partners are sought for commercial agreement with technical assistance
- CHINA** [TRCN20180828001](#) [Full text here](#) [Request the address](#)
 A Chinese large special ceramic manufacturing company is looking for sealing ceramic manufacturing technology with new energy and high performance. They want to cooperate with partners through research cooperation agreement and technical cooperation agreement
- RUSSIA** [TORU20180828004](#) [Full text here](#) [Request the address](#)
 A university from Russia represents the technology of biopolymer coating of titanium implants for surgery and transplantation. The coating acts as carrier of medicines - antibiotics. Biopolymer coatings for titanium implants are designed to maintain and stimulate the process of bone fracture treatment and for intramedullary osteosynthesis. Partners are sought for commercial agreement with technical assistance
- RUSSIA** [TORU20180828003](#) [Full text here](#) [Request the address](#)
 A university from Russia represents the manufacturing technology of fertilizers based on a biodegradable polymer matrix. The matrix is used as a carrier of microelements and/or mineral fertilizers released into the soil during a controlled period of time and also has a beneficial effect on an assimilation of carried elements by a cultivated plant. Producers of fertilizers and mineral supplements are sought under a commercial agreement with technical assistance

- SPAIN** [TOES20180727001](#) [Full text here](#) [Request the address](#)
 A Spanish SME, active in virtual reality and smart wearables areas, has developed an innovative virtual reality kit experience for the blind and visually impaired—not with a headset, but with a pair of smart gloves. It makes possible that the blind can ‘see’ the shape of the 3D virtual object by following the vibrations received through the gloves. They're interested in commercial agreements with technical assistance with final users or technical cooperation for joint exploitation and dissemination
- GERMANY** [TODE20170404003](#) [Full text here](#) [Request the address](#)
 A German spin-off active in organic solid-state chemistry provides extensive know-how in cross-linked analytical methods for active pharmaceutical ingredients, pigments, polymers and metal-organic compounds as well as for fine chemicals. They offer unique combined screening techniques for crystallization of cocrystals, polymorphs or salts from pharmaceutical ingredients or amorphous materials. Industrial partners are sought for technological and/or research cooperation agreement
- CZECH REPUBLIC** [TOCZ20180924001](#) [Full text here](#) [Request the address](#)
 A Czech university research centre has developed a unique image-based vibration alerting technology for blind people. The technology is based on mediating the surrounding scene to the blind people. The scene is captured by a real-life camera video stream and is transformed into haptic information about perceived distance of obstacles. The centre is seeking manufacturers of medical devices interested in a license agreement, technical cooperation agreement or research cooperation agreement
- BELGIUM** [TRBE20180921001](#) [Full text here](#) [Request the address](#)
 A Belgian multinational active in consumer goods is looking for innovative new ways to improve the safety, child-proofing (0-5 years) capabilities liquid tabs (Pods) packaging. These solutions have to be at affordable costs and can come from different technology domains. Licence or technical cooperation agreements are sought with industrial partners or technology providers
- SPAIN** [TOES20180918003](#) [Full text here](#) [Request the address](#)
 A Spanish Research Public Organization has developed a group of heterocyclic compounds derived from a privileged structural nucleus with the capacity to inhibit the LRRK2 enzyme. This inhibitory activity makes them useful in the treatment of neurodegenerative diseases affected by this enzyme, among which Parkinson's disease and Alzheimer's disease stand out. Pharmaceutical companies interested in the development and commercialization of these compounds under a patent license are sought
- ITALY** [TOIT20180711002](#) [Full text here](#) [Request the address](#)
 The company, an Italian company founded in 2009, proposes an Innovative Patent technology for the visual rehabilitation by means of biofeedback. The company is searching for partners as pharmaceutical companies producing substances for glaucoma treatment and neuro-protection. The company objective is signing Commercial agreements with technical assistance, for testing and follow up of partners' treatment
- GREECE** [TOGR20180918001](#) [Full text here](#) [Request the address](#)
 A Greek IT company dealing with Artificial Intelligence (AI). The company is presenting an innovative method to search for correlations between chronic diseases by analysing the data of the medication of the patients. The company is open for technical or research collaborations with hospitals, healthcare system stakeholders, IT companies and other partners for further expanding the method to other data-sets
- SPAIN** [TOES20180713002](#) [Full text here](#) [Request the address](#)
 A Spanish research institution together with a Romanian University have developed a method for the manufacture of low-cost flexible electrodes obtained from laser processing of graphene oxide (GO) films. Planar electrodes with low electrical resistance and high capacitance per unit area can be obtained, ideal for applications in electrochemical sensors and energy storage (supercapacitors). Industrial partners are being sought to collaborate through a patent licence agreement

- BULGARIA** [TOBG20180913004](#) [Full text here](#) [Request the address](#)
A Bulgarian SME has developed a unique and very effective device applicable in water treatment and disinfection, taste and odor improvement, reduction of residual chlorine and prevention of lime-scale formation. The company is looking for commercial agreements with technical assistance with industrial partners
- BULGARIA** [TOBG20180913003](#) [Full text here](#) [Request the address](#)
A Bulgarian company with more than 20 years of experience in the R & D of water treatment devices has developed a specialised device intended for watering and irrigation systems applicable in the enhancing of the growth rate and yield of crops, plants, vegetables and fruits. The company seeks commercial agreements with technical assistance in the agriculture and horticulture sectors
- BULGARIA** [TOBG20180912001](#) [Full text here](#) [Request the address](#)
A Bulgarian research institute, with over 40 years of experience in R&D of specialised technologies and products, has developed a specialised scientific device for assessing the effectiveness of operators performing activities in extreme conditions. The institute is looking to reach commercial agreements with technical assistance
- UKRAINE** [TOUA20180907001](#) [Full text here](#) [Request the address](#)
Ukrainian research and development clinical institution that elaborated new immunotherapeutic technologies which focus on the harnessing of dendritic cells (DCs) and other immune and nanoparticles for therapeutic interventions in a wide range of cancers is looking for commercial agreement with technical assistance with partners/ biotech company to develop a GMP-grade commercial-scale production process to enter the medical markets
- SPAIN** [TOES20180907001](#) [Full text here](#) [Request the address](#)
An electronic engineering research group from a Spanish university presents an artificial vision system with telemeter, which combines the information from a video camera and an steerable telemeter, to inform and guide the user when finding a parking space regardless of the vehicle type or size or the environmental conditions. The research group looks for license agreements, collaboration agreements or commercial agreements with technical assistance with public administrations and carparks
- GERMANY** [TODE20180910001](#) [Full text here](#) [Request the address](#)
A German university has developed a novel process to purify the amino acid L-Tryptophan, an additive in the feed and food supplement industry or raw material for the pharmaceutical industry. The process avoids the usage of acids and bases and uses specific alcohols in a cooling process instead. The university offers a license and/or a technical cooperation agreement
- ITALY** [TOIT20180905002](#) [Full text here](#) [Request the address](#)
An Italian architecture company has developed and patented a façade system that allows the designing of new and efficient buildings and the energy renovation or conversion of the whole or part of existing ones, while responding to net Zero Energy Building (nZEB) requirements and drastically reducing the Green House Gas (GHG) emissions. The company is looking for different funding opportunities to start the development phase of the system
- BULGARIA** [TOBG20180905001](#) [Full text here](#) [Request the address](#)
A Bulgarian hospital that offers its patients complete medical care is looking for services and licenses agreements with partners such as other healthcare providers, to build a network and exchange good practices, knowledge and research within that network
- FRANCE** [TOFR20180903001](#) [Full text here](#) [Request the address](#)
Functionalized natural protein nanofibers have been validated for use as a scaffold for nerve regeneration, by a research lab within the Paris region. The French Technology Transfer Office (TTO) acting on behalf the research lab, is looking for a licensing agreement or a technical cooperation agreement with biomedical companies operating in medical devices and tissue engineering

CZECH REPUBLIC [TOCZ20180904002](#) [Full text here](#) [Request the address](#)
Czech university department focusing on R&D in the field of alternative power sources has developed a prototype solution of a multi-source micro co-generation unit for installation in housing estates to replace partial installation solutions of power sources with one centralized device. The university is looking for an investor for the sale of the licence and further cooperation on the placing the device on the market based on manufacturing and/or commercial agreement

SLOVAKIA [TOSK20180824001](#) [Full text here](#) [Request the address](#)
The Slovak university has developed a new aerothermal system. Portable physical model of a thermal distributed parameter system (DPS) suitable for physical simulation of operating of temperature fields can be easily applied in the research and testing of advanced control algorithms for DPSs before their implementation on real industrial processes. They are looking for partners to cooperate with via licence agreement

CZECH REPUBLIC [TOCZ20180830001](#) [Full text here](#) [Request the address](#)
A Czech university research centre has developed a new diagnostic method for the monitoring of non-stationary events in rotating machines. The method enables to monitor the operation of rotating machines online and prevent their breakdown. The university is looking for manufacturers or operators of power systems or rotating machines interested in cooperation under a services or technical cooperation agreement

ITALY [TOIT20170608002](#) [Full text here](#) [Request the address](#)
An Italian SME, working in the ICT sector, has developed an advanced software solution dedicated to operational activities led by rail companies, in order to organize human resources, rolling stocks, collection of data, maintenance, inspections and related documents. The SME is looking for companies with skills in the railway industry and able to facilitate the entrance in new countries, for a commercial agreement with technical assistance or for a technical cooperation agreement

BULGARIA [TOBG20180817001](#) [Full text here](#) [Request the address](#)
A Bulgarian inventor working in the field of vehicle stability developed a new extra grip suspension for dynamic balance of vehicles upon extreme acceleration producing better tire grip during all acceleration kinds - from 7% to more than 35 % higher for all wheels, and reducing the rapid load vibrations at the tire contact patch. It is applicable to all vehicle types. Partnership through commercial agreement with technical assistance, license or technical cooperation agreement is sought

BULGARIA [TOBG20180722001](#) [Full text here](#) [Request the address](#)
A Bulgarian company offers a universal hammer for rock breaking (HRB) that has a very small total mass of less than 2000 kg, with an impact part of just 700 kg, which can hit at high speeds up to 22 m/s at any angle in space. High impact velocity is achieved with a solid or liquid jet engine. Due to its small mass the HRB can be transported by any transport machine and hit on rocks in difficult-to-reach places. HRB with high-speed impact can stabilize unstable soils, such as loess and clay

MACEDONIA [TOMK20180821001](#) [Full text here](#) [Request the address](#)
A Macedonian HaaS (Hardware as a Service) company has developed a smart fuel cap that records the fuel amount poured into the truck's tank and provides fuel usage information and analytics. The information collected from this battery powered plug-and-play product is transmitted as real-time data and is easily accessible via e-mail or mobile phone. The company is looking for partners for commercial agreement with technical assistance

BULGARIA [TOBG20180828001](#) [Full text here](#) [Request the address](#)
A Bulgarian research institute has developed an innovative technology and equipment for extraction of bio-active substances from wild or cultivated plants using solvent extraction techniques. It can be applied for extraction of various agents such as pharmaceuticals, nutriments, flavors, colorants, etc. The exhausted vegetable mass is environment friendly. The unit seeks industrial partners under commercial agreement with technical assistance

- UNITED KINGDOM** [TOUK20180822001](#) [Full text here](#) [Request the address](#)
A UK company that has developed new innovative instruments for the swift testing of cement and freshly mixed concrete on compressive strength, seeks technical partners under a technical cooperation agreement or research partners under a research cooperation agreement
- SWITZERLAND** [TOCH20180821001](#) [Full text here](#) [Request the address](#)
A Swiss school of technology has developed a modular multi panel system which can be assembled without any external fixtures. The system is mechanically stable and self-centering. The multi panel system can be used to build mobile radar reflectors. Other applications include temporary installations such as shelf systems, exhibition stands and stage accessories where quick assembly and disassembly play a role. Licensing agreement partners for the introduction to the market are sought
- POLAND** [TOPL20180820001](#) [Full text here](#) [Request the address](#)
A team of Polish scientists has developed a microencapsulation method that may be implemented in pharmaceuticals as well as in the food industry. Microcapsules immobilise active substances, can mask their flavour and odour, and shield them from external factors (their environment). Cooperation in a form of commercial agreement with technical assistance and licence agreement is offered
- CZECH REPUBLIC** [TOCZ20180820001](#) [Full text here](#) [Request the address](#)
The proposed technology is equipment developed by a Czech technical university and designed for central heating by hot water circulating through a distribution system of a building. The heat is generated in a furnace by combustion of biomass with high-moisture content. The moisture content can be 40% or higher without considerable decrease in efficiency and without significant increase in pollutant emissions. The university is looking for industrial partners interested in licensing agreement
- GERMANY** [TODE20180813001](#) [Full text here](#) [Request the address](#)
A young German SME specialized in molecular biology and cancer diagnostics has developed a fast molecular diagnostic MDx test based on epigenetic changes (DNA methylation) which are characteristic for cancer cells. These highly informative biomarkers validated in clinical trials and applicable for early detection of cervical cancer. Corresponding marker sets for head-and-neck tumor and ovarian cancer are also validated. Seeking medical partners for licensing and technical cooperation agreements
- POLAND** [TOPL20180820002](#) [Full text here](#) [Request the address](#)
A team of Polish scientists has developed a device that both ventilates and recovers heat in spray booths and other places where paint particles may settle on the ducts walls. Implementation of the offered solution allows one to reduce costs due to i.a. reuse of recovered heat and extended lifespan of the ventilation system. Technical cooperation and license agreements are offered
- GERMANY** [TODE20180808001](#) [Full text here](#) [Request the address](#)
A German company, active in the machine tools sector, has developed a container with digestion technology for a biogas plant. The advantage of the technology is the increasing in biogas productivity and the possibility to insert diverse materials into the biogas plant via bio extrusion. The company seeks industrial partners from the agricultural sector for further development of the technology under a technical cooperation agreement or for a commercial agreement with technical assistance.
- UNITED KINGDOM** [TOUK20180817001](#) [Full text here](#) [Request the address](#)
An East of England company is developing single cell analysis systems for biotherapeutic discovery and development. The ultra-high-throughput biochip systems can process tens of millions of miniaturised tests per day and find that rare “one in a billion” cell that could be an industry blockbuster. Also, the system has a small footprint. Developers of biopharmaceuticals or new medical diagnostics are sought for license, technical or research cooperation agreements

- RUSSIA** [TORU20180817001](#) [Full text here](#) [Request the address](#)
 Russian company developed the patented rescue parachuting system, based on autonomous pneumatic system for secure emergency self-escape&rescue of the untrained person from high elevation structures. Partners searched under license, technical cooperation agreements
- CZECH REPUBLIC** [TOCZ20180817001](#) [Full text here](#) [Request the address](#)
 A Czech technical university focused on research and development in the field of electromobility developed several prototypes of charging stations for electric vehicles with support of advanced features and functions which allow individual charging systems virtualization, remote administration and billing energy and services of customers in closed system. The university is looking for company or investor interested in joint venture or manufacturing agreement or technical cooperation agreement
- UNITED KINGDOM** [TOUK20180816001](#) [Full text here](#) [Request the address](#)
 A UK-based SME with 150 years' experience in quality precision textile product manufacture seeks to develop additional capabilities in wearable technology within security, healthcare, protective equipment and sports. It is looking for partner companies, universities and research institutes developing sensors and wearable technological solutions who want to incorporate their devices into apparel. The SME will provide prototype manufacturing under a manufacturing or technical cooperation agreement
- CHINA** [TRCN20180814003](#) [Full text here](#) [Request the address](#)
 A Chinese engineering equipment company is looking for pre-design technology of electromagnetic compatibility of large construction machinery. They want to cooperate with partners through co-development
- CHINA** [TRCN20180814002](#) [Full text here](#) [Request the address](#)
 A Chinese company provides technologies in fields like electromagnetic equipment. The company is looking for evaporative cooling technology, to cool electromagnetic mixers. They are seeking partners in academia or industry, for technical and research cooperation agreements
- ROMANIA** [TORO20180814003](#) [Full text here](#) [Request the address](#)
 A Romanian research institute has developed a pilot installation for producing functionalised nanocomposite permselective materials. The institute is looking for a company interested in the industrial scale construction of the installation and the construction of membrane-based equipment for the purpose of commercialization, under a technical cooperation or commercial agreement with technical assistance
- POLAND** [TRPL20180813001](#) [Full text here](#) [Request the address](#)
 Young Polish company is currently developing apps for the Shopify platform that will help store owners gather more insights into the behavior of their customers. They want to make their product most efficient and for that they need feedback from potential clients who would test their new apps. The e-commerce software house is looking for research cooperation agreement
- ISRAEL** [TRIL20180808001](#) [Full text here](#) [Request the address](#)
 An Israeli company is seeking partners for joint-venture/technological cooperation agreements, who can provide large numbers of people/subjects on which research has been done containing genomes. Subjects who had specific ailments/diseases are also of interest in order to analyze data through the developed program with the aim of rapidly discovering if-and-only-if rules that exist between the protein-coding gene and the disease. These rules can then point at possible medications
- SLOVAKIA** [TOSK20180813001](#) [Full text here](#) [Request the address](#)
 A Slovak company has developed a process and device for cleaning of dirty hemming rollers in automobile industry and robotic applications. The hemming rollers attached to a robotic manipulator get dirty from the glue that is pushed out of the connection of the metal sheets during the hemming heads. This company is looking for partners to cooperate with via license agreement, manufacturing agreement or via services agreement

FRANCE [TOFR20180810002](#) [Full text here](#) [Request the address](#)

A French company with deep pharmaceutical expertise has patented the preparation of an organism-protecting product, of medicament quality, as soft-gelatin capsule. A single dose is administered orally every twice a year, allowing preventive coverage for the thyroid gland from cancer for 6 months in case of a nuclear accident. Pharmaceutical labs are sought for licensing, technical cooperation, commercial agreement with technical assistance

SLOVENIA [TOSI20180719001](#) [Full text here](#) [Request the address](#)

A Slovenian research institute has developed special Nd-Fe-B permanent magnets, which are exposed to the electrophoretic deposition of heavy rare earth (HRE) powder and subsequent grainboundary diffusion process (GBDP) achieving up to 30% higher coercivity, compared to the uncoated magnets. The used amount of precious HREs is up to 10-times lower, compared to the magnets, processed by metallurgy route. Producers of permanent magnets are sought for license and technical cooperation agreement

POLAND [TOPL20180515001](#) [Full text here](#) [Request the address](#)

A Polish company active in photovoltaics solutions sector has developed a new kind of PV cells which can be integrated in urban furniture. The cells are flexible and therefore adaptable to multiple surfaces. The partners for technical cooperation or joint venture are sought and also partners for further product development through research cooperation

SPAIN [TOES20180411002](#) [Full text here](#) [Request the address](#)

A Spanish Research Institution has developed a family of compounds capable of capturing carbon disulfide (CS₂) in a reversible and selective way. The selective attachment of CS₂ or similar molecules as carbonyl sulphide, can be used for example in selective detectors since it involves a colour change. Companies from the chemical industry are being sought to collaborate through a patent licence agreement