

TECHNOLOGY TRANSFER E-BULLETIN

Date: 01.10.2019



GREECE

[TRGR20190925001](#)

[Full text here](#)

[Request the address](#)

A Greek SME offers agricultural crops, pesticides, fertilizers and plant propagation materials. The company is willing to develop a new production line for its own products. These products will be beneficial microorganisms to be used for the dairy production, biogas plants, bio-drugs, bio-fertilizers and pharmaceuticals. The company needs the suitable know-how from companies or consultants able to transfer this expertise under technical cooperation agreement.

LITHUANIA

[TRLT20190822001](#)

[Full text here](#)

[Request the address](#)

Lithuanian manufacturer of herbal teas is a small-size enterprise. The company produces high quality medicinal herbal teas made of different combinations of around 100 plant species. The manufacturer is looking for a disinfection technology for killing bacteria and fungi that contaminate raw material. The technology must not corrupt the tea-character of the raw materials. Technical cooperation agreement is sought with partners who have experience in disinfecting food products.

SWEDEN

[TRSE20190812001](#)

[Full text here](#)

[Request the address](#)

A Swedish SME has developed a compression/decompression technology to store more information onto a memory chip. The technology can be implemented in System-on-a-Chip (SoC) for smartphones, tablets, computers, servers, etc. The company wants to develop the technology further and is now looking for experts in ASIC design (Application Specific Integrated Circuit) and computer architecture that would be interested in entering a research and/or technical collaboration agreement.

GERMANY

[TRDE20190910001](#)

[Full text here](#)

[Request the address](#)

An innovative company from Germany specialised in co-working and co-living in rural areas is interested in finding international partners to engage in joint innovation projects regarding financing models for co-working and co-living, smart village and sustainable mobility. Ideally, the partner could be active in the area of co-working in rural areas and should be eager to develop innovative projects to enhance regional value creation under a research and/or service cooperation agreement.

SOUTH KOREA

[TRKR20190827001](#)

[Full text here](#)

[Request the address](#)

A Korean company is looking for technology and technical services for nuclear dismantling and radioactive waste management. The technology will be used for dismantling nuclear power plant and related radionuclide analysis system. The company has a list of technologies they need, including nuclear breakers and pretreatment systems. The company is interested in licensing these technologies or conduct joint R&D with on-site smart laboratory.

SOUTH KOREA

[TRKR20190723001](#)

[Full text here](#)

[Request the address](#)

A Korean SME is seeking technology related to energy efficiency, such as reduction of electricity, greenhouse gas and fine dust. The company is now interested in thermal energy conversion system for generation using temperature differences either from land vs. seawater, or from underground water vs solar heat. Partnership can be under commercial agreement with technical assistance, technical cooperation agreement, and license agreement.

AUSTRIA [TRAT20190917001](#) [Full text here](#) [Request the address](#)

An Austrian company has started the first Cradle-to-Cradle community in the printing industry and wants to spread it all over Europe and beyond. Therefore they are looking for sustainable environmental technologies, materials and processes in the printing value chain. They are looking for research and technical cooperation agreement to develop or introduce new products to the market as well as for commercial agreement with technical assistance. Areas of focus include paper, adhesives, chemicals.

TURKEY [TRTR20190905001](#) [Full text here](#) [Request the address](#)

A Turkish company produces fabrics for women's clothing; it also has deep knowledge and experience especially in the production of elasticated trousers and shirting fabrics. They are looking for a composite production technology with 3D weaving techniques that will allow complex-shaped structure production. In this way, the amount of material to be used, the amount of waste and processes are reduced. The company looking for partners under a research cooperation agreement.

POLAND [TRPL20190704001](#) [Full text here](#) [Request the address](#)

A Polish construction and engineering company that wish to provide services into areas previously inaccessible due to environmental and noise/pollution issues seeks sheet pile pressing equipment that is especially designated for environmentally sensitive and/or in close proximity to other properties. The company want to cooperate via commercial agreement with technical assistance.

POLAND [TRPL20190826001](#) [Full text here](#) [Request the address](#)

Producer of 3D printers from North-East Poland is looking for an EU supplier of materials that could be used as 3D printed dental implants or veneers. The company is seeking a high quality photostetting resin suitable for dental use and is open for cooperation under commercial agreement with technical assistance.

UNITED KINGDOM [TRUK20190902001](#) [Full text here](#) [Request the address](#)

A UK (Scotland) SME is looking for a flexible heat retention material that can be applied to hydraulic hoses. The material should be rugged and able to retain heat within the hose even in below freezing ambient temperatures. The company is looking to partner preferably via a technology cooperation agreement.

TURKEY [TRTR20190919001](#) [Full text here](#) [Request the address](#)

A Turkish company, which produces automatic control and scada systems for 12 years, is preparing for a smart farming project. They are looking for companies which can make the image processing part of the project. The company is looking for a joint venture agreement.

GERMANY [TRDE20190909001](#) [Full text here](#) [Request the address](#)

A German IT company with expertise in building automation and monitoring is planning to construct a sustainable, CO2 neutral and healthy office building accommodating up to 150 working spaces. The company seeks partners for technical cooperation regarding the project implementation, a site-specific wind-energy solution as well as energy storage for a larger building.

GERMANY [TRDE20190909002](#) [Full text here](#) [Request the address](#)

A German biotech research and development company is looking for a developer or manufacturer of adhesives who can provide a certain glue that is, amongst others, resistant to isopropanol (70%) and water for at least 40 hours. A commercial agreement with technical assistance is sought.

UNITED KINGDOM [TRUK20190823001](#) [Full text here](#) [Request the address](#)

UK company that has developed a model that predicts future healthcare demands are seeking a partner under a technology cooperation agreement, to develop its model speed and enable it to be licensed out. Currently, the UK company has to acquire the data from the pharma/healthcare companies, analyse it and then submit the results back to them which delays the process. The technical enhancements will enable the pharma/healthcare companies to complete the input and analysis themselves.

AUSTRIA [TRAT20190830001](#) [Full text here](#) [Request the address](#)

An Austrian company is developing a yoga mat with wood applications. The mat consists of a basic material on which the wood is applied. The basic material of the mat is foam or natural rubber. The company is looking for a solution to fuse or bond the two materials. Partners from industry or academia are sought under commercial agreement with technical assistance or technical cooperation.

SPAIN [TOES20190913002](#) [Full text here](#) [Request the address](#)

A Spanish university research group has applied for a patent related to a catalytic method for the synthesis of mesitylene (1,3,5-trimethylbenzene) from acetone by condensation-dehydrocycling reactions. The proposed method is competitive, presents great selectivity and is environmentally sustainable. Companies in the chemical, pharmaceutical and energy fields are sought to develop applications of the described invention under license agreements.

SPAIN [TOES20190917001](#) [Full text here](#) [Request the address](#)

A Spanish university has developed a system for estimating the biomass in aquaculture. The estimation is made through the use of optical sensors and neural networks to establish the optimum amount of biomass in intensive aquaculture facilities with the smallest possible margin of error. Also, the fish count is especially indicated in the case of rivers where it is needed to have control of the fish population. Aquaculture companies are sought to develop applications under license agreements.

SPAIN [TOES20190918001](#) [Full text here](#) [Request the address](#)

A Spanish university has developed a system for estimating the biomass necessary for feeding in aquaculture. The estimation is made through the reconstruction of 3D images to establish the optimum amount of biomass for feeding fish in intensive aquaculture facilities with the smallest possible margin of error. In addition, it is useful to perform fish counting, growth tracking and for monitoring their behaviour. Aquaculture companies are sought to develop applications under license agreements.

SOUTH KOREA [TOKR20190911001](#) [Full text here](#) [Request the address](#)

A Korean IT company with abundant experience in software development has strong push on solutions for big data platform, customer feedback platform, customer management platform, etc. using key ICT applications of big data, machine learning, deep learning, data analysis, data processing, data visualization, Speech to Text, Automatic Speech Recognition, chatbot, text analysis, etc. They are looking for potential partners to offer their technology in developing innovative software application.

POLAND [TOPL20190919001](#) [Full text here](#) [Request the address](#)

A Polish biotechnological company develops proprietary drug formulas in the field of oncology, dermatology and autoimmune diseases. All their products are patented and protected. The SME is looking for partner from biotechnological sector to begin cooperation under license agreement.

UKRAINE [TOUA20190730001](#) [Full text here](#) [Request the address](#)

A Ukrainian Institute actively conducts scientific, technical research in the technical field, in part., it is engaged in the development of an automated complex system based on seismic-acoustic-electronic sensors. The Institute has scientific-technical-material base for research, long-term experience and is looking for long-term partners interested in the development and distribution of small-scale automated systems based on seismic sensors under commercial, technical or research agreement.

GERMANY [TODE20190830001](#) [Full text here](#) [Request the address](#)

The German SME is specialized in the development of mobile healthcare apps for medtech/pharma companies and medical centres. They combine technical and medical expertise, comply with the regulations for medical products and ensure data security and product reliability. The company is interested in commercial agreements with technical assistance to develop customized healthcare apps based on the partner's needs.

ITALY [TOIT20190917001](#) [Full text here](#) [Request the address](#)

An Italian University has developed a procedure for the selection of a pump suitable for operation as a turbine (PAT) in microhydro power plants by using the data of the hydraulic resource and the technical characteristics

supplied by centrifugal pump manufacturers. This allows a considerable saving of money since the PAT are cheaper than the micro turbines traditionally used for such applications. They look for international partners under commercial agreements with technical assistance.

GERMANY [TODE20190823001](#) [Full text here](#) [Request the address](#)

A German firm has developed an inimitable counterfeit protection based on colour-codified micro particles. The technology ensures legally binding counterfeit protection against product piracy, effective defence of unjustified liability claims and cost saving product protection through easy application. The company looks for partners to integrate the technology within commercial agreements with technical assistance.

SOUTH KOREA [TOKR20190625001](#) [Full text here](#) [Request the address](#)

A Korean SME specialized has developed a solar powered road lighting device. This prevents possible tunnel accidents by altering the color of light in accordance with the traffic and road situation; and going below the road surface when vehicles directly pass over. The company wants partners to conclude license agreement to obtain the technical know-how. In addition to that, commercial agreement with technical assistance are expected to further commercialize the product in international markets.

SPAIN [TOES20190729002](#) [Full text here](#) [Request the address](#)

A Spanish biomedical research networking center has developed novel engineered non-liposomal nanovesicles, here named QS, an innovative tool for nucleic acid delivery, allowing the transported nucleic acid to perform its activity in the cytosol, and to be used for the treatment of cancer, looking to establish license, research cooperation or technical cooperation agreements.

GERMANY [TODE20190827001](#) [Full text here](#) [Request the address](#)

A German company focused on optimizing thermal processes with a level 2 automation systems software in the metal industry is looking for partners under a technical cooperation or commercial agreement with technical assistance to jointly improve the optimization of plant throughput as well as to achieve a reduction of energy consumption and material losses, and work towards a fully automated plant operation via big data algorithms and artificial intelligence.

SPAIN [TOES20190828001](#) [Full text here](#) [Request the address](#)

A Spanish research centre, involved in industrial innovation processes, has developed a platform, based on dynamic QR codes, that allows companies to manage and connect the dynamic production processes, adding value to offline products. Dynamic QR codes are processed automatically and transparently; they can be edited from anywhere, without any physical involvement; codes allow to standardize processes and integrate product traceability. Technical and research cooperation agreements are sought.

UNITED KINGDOM [TOUK20190523001](#) [Full text here](#) [Request the address](#)

A British company specialised in the development of app-based games learning resources is looking for innovative development partners and projects to develop and deliver new resources. The company is seeking collaboration partners to co-develop new games-based learning resources or gamified learning resources through research cooperation agreement or technical cooperation agreement.

GERMANY [TODE20190909001](#) [Full text here](#) [Request the address](#)

A German company active in the field of biotechnology developed a rapid and reliable characterisation of epitopes at the level of single amino acids and their allowed variations. The method identifies up to thousands of potential epitope/mimotope peptides combining even structural epitopes in single peptides to predict species specificity and fitness for usage. Only µg amounts of antibody are required. The company is looking for partners for research or technical cooperation agreement.

SPAIN [TOES20190904002](#) [Full text here](#) [Request the address](#)

A Spanish SME has developed and patented a device for the analysis of genetic sequences that allows fast, reliable and selective identification of nucleic acids without performing neither electrophoresis nor sequencing assays, reducing both analysis duration and economic cost. The SME is looking for strategic partners interested in licensing or acquiring their technology along with technical support.

- UNITED KINGDOM** **TOUK20190917001** [Full text here](#) [Request the address](#)
A UK company specialising in electronic design services, including design of embedded software, is offering technical co-operation agreements and/or commercial agreement with technical assistance to product design companies involved in the testing and feasibility of new products and to manufacturers.
- SPAIN** **TOES20190912001** [Full text here](#) [Request the address](#)
A Spanish biotechnology company specialized in the extraction, characterization and application of natural extracts in the formulation of healthier food and cosmetics seeks to reach research or technical cooperation agreements with companies in the agro-food, nutraceutical or cosmetic sectors, R&D institutions or universities. By identifying biofunctional properties of products or extracts the company offers access to new functional food and nutraceutical markets or natural cosmetics markets.
- GERMANY** **TODE20190916001** [Full text here](#) [Request the address](#)
A German SME has developed a customer-specific performance optimizer for partially shaded and soiled photovoltaic modules that increases the yield as well as the lifetime of the modules. The electronic circuits can be fitted as an add-on or integrated into the module. The SME is looking for a technological co-operation to further develop the technology as well as for a manufacturing agreement.
- UNITED KINGDOM** **TOUK20190726002** [Full text here](#) [Request the address](#)
A UK company is bringing to market a core wearable assistive exoskeletons technology, starting from non-medical applications. Win-win partnerships are sought with end-users and developers, to adjust the existing prototype for existing applications, and find new ones (may include medical). It is designed to be affordable and make a business case. Dependent on route to market, the co-operation agreement may be in the form of licensing, research or technical co-operation, joint ventures.
- UNITED KINGDOM** **TOUK20190919001** [Full text here](#) [Request the address](#)
A small UK company is validating an economical drone-based solution to accurately predict orchard fruit yields, from blossom to harvest. Fruit growers, especially apple growers, are sought for technical cooperation and commercial agreements with technical assistance.
- UNITED KINGDOM** **TOUK20190905001** [Full text here](#) [Request the address](#)
A UK software company has developed an AI-powered algorithm that predicts sudden cardiac arrest minutes in advance with high accuracy. They are seeking corporate partners to create new or enhance existing ECG monitoring products, leveraging their AI. Type of co-operation sought: technical co-operation, license agreement.
- GERMANY** **TODE20190912001** [Full text here](#) [Request the address](#)
A German engineering SME experienced in solar energy has developed a tracking technology for single axis PV trackers to reduce the Levelized Cost of Electricity (LCOE). As the SME does not have sufficient capacities to produce the tracking technology themselves they look for a development partner to lead into a technology development, license or manufacturing agreement with a partner from the automotive or steel production sector experienced in mass manufacture of lightweight steel structures.
- ITALY** **TOIT20190802001** [Full text here](#) [Request the address](#)
An Italian start-up in Northern Italy acting in the field of digital services is looking for partners to increase its presence on international markets. The firm is looking for companies and universities, innovation hubs and business accelerators interested in its digital platform dedicated to protection and marketing of intellectual and industrial property. The cooperation envisaged is a commercial agreement with technical assistance or financial agreement.
- ITALY** **TOIT20190830001** [Full text here](#) [Request the address](#)
An Italian company, working in the mechanical design and additive design, has developed and successfully applied a 3D printed instrument for maintenance checks of steam turbines, particularly in geothermal applications, providing advantages over conventional techniques. Partners are searched for financial agreement.

- ITALY** [TOIT20190624001](#) [Full text here](#) [Request the address](#)
 An Italian company, whose core business focuses on interactive services supporting Digital Transformation, aims at entering into the market with a multi-channel, multi-country and multi-client e-Platform of multilingual services for the Enterprise 4.0, enabling public and private organisations of any size to perform the evidence-based management of norms and regulations in an integrated way. Commercial agreement with technical assistance, licence and/or financial agreements are sought.
- ITALY** [TOIT20190916001](#) [Full text here](#) [Request the address](#)
 The Italian SME is a CDMO (contract development manufacturing organisation) specialized in developing biomedical products for advanced therapies and genetic vaccines. The company offers customized solutions based on client's requirements from early development to manufacture and clinical release. The company is seeking research and technical cooperation agreements with Pharma or Biotech companies dedicated to gene therapy or genetic vaccines that need to develop or produce viral vectors.
- SINGAPORE** [TOSG20190918002](#) [Full text here](#) [Request the address](#)
 A Singapore institute has developed a coating technology that lasts well beyond the lifetime of solution-based coatings. This technology offers high transmission in addition to superior bonding to any surface that requires transparent, anti-soiling coating or fouling – such as solar panels, building façades, windows, vehicle windscreens and aquariums. The institute is interested in potential licensing partnerships with MNEs or SMEs of any size.
- GERMANY** [TODE20190904001](#) [Full text here](#) [Request the address](#)
 A German university offers a solution to recycle more cotton yarn than can be done today and to make it re-useable for high quality products. This is achieved by adding synthetic fibers that will dissolve again in the recycling process to the cotton. Applications are in the textile industry. Licensees are sought.
- GERMANY** [TODE20190923003](#) [Full text here](#) [Request the address](#)
 A German university developed a novel rotating yarn guide for the textile industry. It can be applied in weft insertion during knitting or in high speed winders. Advantages include faster processing and reduced process costs. The university seeks partners from textile industry for license agreements.
- ITALY** [TOIT20190919001](#) [Full text here](#) [Request the address](#)
 The Italian company, working in the energy sector, has developed a new system that measures, controls and analyses both the energy consumption and the production in industrial plants. The company is looking for a commercial agreement with technical assistance with manufacturers in the construction materials and many other sectors.
- SPAIN** [TOES20190731002](#) [Full text here](#) [Request the address](#)
 A telematic engineering research group from a Spanish university is working on protocols for Fastpath Ethernet switches, a new concept of simple and compatible all-links Ethernet switch that avoids link blocking by spanning tree and provides shortest path performance. It has been implemented successfully on Linux and Openflow/NetFPGA boards. The collaboration types sought are license and technical cooperation agreements.
- SPAIN** [TOES20190912002](#) [Full text here](#) [Request the address](#)
 A Spanish company has developed customisable solutions (plug and play hardware and cloud technologies) to capture and monitor, even in remote areas, real-time accurate critical data in water and open-air quality. These solutions can easily be integrated into traditional or larger systems and structures. The company offers commercial agreements with technical assistance and technical cooperation agreements to environmental development, research and technology centres or universities.
- ITALY** [TOIT20190926002](#) [Full text here](#) [Request the address](#)
 Italian reserchers have developed a methodology for detecting fire fronts from biomass burning, using hyperspectral low cost sensor technique. This approach is advantageous, both from the economic and operative viewpoints, with respect to classical remote sensing for fire detection, usually based on the emission at thermal bands. The research team is looking for technical cooperation agreements.

- FRANCE** [TOFR20190919001](#) [Full text here](#) [Request the address](#)
French e-Health company offers a global solution gathering a connected oral drug delivery device and a remote-care software for the follow-up of patients at home. The solution monitors and delivers at home oral drugs in a secure way and is associated with a remote-care software allowing to share data and patient-reported outcomes with healthcare professionals. The company is seeking technical cooperations or commercial agreements with other SMEs, healthcare institutions or pharma companies.
- GERMANY** [TODE20190816001](#) [Full text here](#) [Request the address](#)
A German university developed a radio-based warning system for wrong-way drivers using radio. This technical innovation combines an autonomous detection of false drivers and automatic reporting to the traffic section concerned. The university is offering this technology under license agreement and possibly a technical cooperation agreement.
- BELGIUM** [TOBE20190830001](#) [Full text here](#) [Request the address](#)
A research consortium is preparing a project proposal for a Bio-based Industries Joint Undertaking (BBI JU) call next year. They are looking for an industrial partner, a producer of lactic acid or a producer of surfactant to take up the industrialization of the production process of the new molecules that will be developed within the project. These new bio-based molecules are expected to have a high added value in the food sector (as an emulsifier) and in cosmetics or pharmaceutical areas.
- SPAIN** [TOES20190919001](#) [Full text here](#) [Request the address](#)
A Spanish university has developed a foamed material comprising a structural matrix (metal, polymer, ceramic or mixtures of these materials), at least one host phase (functional material), and a fluid (liquid/gas). These materials have many potential uses, among which one is as a catalyst material or as a support for catalysts. Catalysts manufacturers interested in the commercial exploitation of this technology are sought through patent licensing agreements or technical cooperation agreements.
- SPAIN** [TOES20190905001](#) [Full text here](#) [Request the address](#)
A Spanish university has developed a new and cost-effective catalyst without noble metals to obtain propylene oxide (PO) from the selective oxidation of propylene. It does not make use of dangerous or highly contaminating agents, and does not produce high quantities of reaction by-products, showing a high selectivity towards PO. Catalyst manufacturing companies interested in the commercial exploitation of this technology via patent licensing or technical collaboration agreements are sought.
- SPAIN** [TOES20190924001](#) [Full text here](#) [Request the address](#)
A Spanish university has developed a procedure for the elimination of odours in recycled plastics by steam stripping. This process, which comprises several stages, can be applied to plastics of different nature, improving the quality of the recycled plastics and increasing their reuse as raw material for products for later use. Companies interested in the commercial exploitation of this technology through licence agreements and/or technical cooperation are sought.
- FRANCE** [TOFR20190809002](#) [Full text here](#) [Request the address](#)
A French SME designs and creates digital interfaces and applications for interactive visualization, using 3D modelling, innovative user interfaces and advanced interactions. Through ergonomic, interactive and dynamic interfaces, using both 2D and 3D, their solutions allow users to efficiently visualize systems and information. The SME works for space, maritime & energy sectors and is looking for industrial partners, ideally from other sectors for technical cooperation to develop new solutions.