

TECHNOLOGY TRANSFER E-BULLETIN

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Това е бюлетин на Европейската мрежа в подкрепа на бизнеса Enterprise Europe Network за търсене на партньори за технологично коопериране. В бюлетина са преведени кратки резюмета на запитванията. Кликнете на *Виж пълния текст (EN)*, за да се запознаете с повече подробности.

SPAIN

[TOES20171229001](#)

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A Spanish start-up has developed an innovative digital logistics platform that optimizes deliveries to clients in the final stage of the process (the last mile). The solution, remarkably improves the logistics management and the customer experience through a wide range of delivery options and personalization with segmented services. The company is looking for license agreements.

ITALY

[TOIT20171222001](#)

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An Italian startup has developed a very effective solution for street lighting optimisation including a mobile app for rapid geo-localisation of street lamps, automatic algorithms for lighting efficiency, dedicated hardware for reducing energy waste and pay back periods estimation. The company looks for engineering or Energy Saving Companies interested in technical agreements to develop a localised version and/or commercial agreement with technical assistance to launch it in the partner market.

UKRAINE

[TOUA20171222001](#)

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Ukrainian researchers developed and tested a new technology and equipment for remote search and identification of mineral deposits. The technology was successfully tested for search of deposits of hydrocarbon, coal, uranium, gold, copper, underground sources of drinking and geo-thermal water etc. The cost of exploration work appears 10 times lower than traditional geological exploration methods. Various types of cooperation are possible in prospecting projects.

CZECH REPUBLIC

[TOCZ20171220002](#)

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A Czech company specializes in the design, development and manufacturing of embedded devices, printed-circuit board design and made-to-order electronics assembly. The SME would like to identify new partners based on commercial agreement with technical assistance and/or technical cooperation agreement.

SOUTH KOREA

[TOKR20171220001](#)

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A Korean company developed and successfully practiced an artificial intelligence (AI)-based image analysis integrated platform for a smart city, which can be applied to control smart traffic, smart security, smart disaster prevention, etc. The company wants to export its technology to Europe and is looking for a government organization in charge of planning smart city or private companies related to the smart city for technical cooperation and commercial cooperation with technical assistance.

SOUTH KOREA

[TOKR20171220002](#)

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A Korean IT company develops cyber security solution. The solution provides dual defense on network and Endpoint (PC, personal computer/server) against APT and ransomware attack. The company wishes to offer its

technology and product to the European market under a commercial agreement with technical assistance and manufacturing agreement.

RUSSIA [TRRU20171219001](#) [Full text here](#) [Request the address](#)

A Russian small enterprise from the Murmansk region specializes in waste disposal and looks for partners to cooperate within technical cooperation agreement. The company looks for a partner which is able to provide an economically effective recycling technology of rubber-, mercury-, and carbon-containing waste products.

ITALY [TOIT20171218002](#) [Full text here](#) [Request the address](#)

An Italian company which has developed a technology for hybrid battery-supercapacitors is looking for industrial partners to establish a technical cooperation agreement. The company is introducing a new international battery patent regarding a long-life hybrid storage system able to withstand more than one daily cycle (from 10% to 30% of total stored energy) with an estimated calendar life of about 15 to 20 years.

CZECH REPUBLIC [TOCZ20171218001](#) [Full text here](#) [Request the address](#)

The Czech company is focused on advanced engineering services (e.g. static & dynamic analysis, optimization, light-weighting, multibody simulations, computer fluid design ...) for European customers in automotive, railway and aerospace industry. Additional services are provided in cooperation with a network of partners (project management, 3D print from steel or titanium). The company is looking for a long-term cooperation based on commercial or technical agreements.

ITALY [TOIT20171217001](#) [Full text here](#) [Request the address](#)

An Italian SME has developed a web platform instrument for the knowledge rebuilding of big, complex and heterogeneous software assets. This instrument allows to light up the software asset, providing objective information about the actual status of the software itself. It is a powerful tool for improving big-data software cleaning and modernization. The SME is looking for research, joint venture, services and commercial agreements with technical assistance, mainly in Europe but also outside.

POLAND [TOPL20171214001](#) [Full text here](#) [Request the address](#)

An industrial enterprise from Poland, specialised in production of plastic parts, designing, construction, manufacturing and remanufacturing of injection moulds and implementation of prototype designs for the automotive industry and other branches, such as electronics, household appliances, construction, gardening is offering the technology of fast injection moulds with multiple cooling zones and guides. Manufacturing agreement or technical cooperation is considered with the named industries.

POLAND [TOPL20171213002](#) [Full text here](#) [Request the address](#)

A Polish company specialised in providing service in road and bridge structures design, is offering an innovative fibre-reinforced polymer bridge span technology. Services agreement is considered.

SPAIN [TOES20171213001](#) [Full text here](#) [Request the address](#)

The energy department of a Spanish technology centre is offering its energy dynamic modelling simulation of new and existing buildings to companies, architectural studios and public administrations interested in obtaining detailed information and techniques for the energy efficiency of buildings they are working with. Partnerships sought are service agreement and research cooperation agreement with any type of entity in the field of energy efficiency.

SPAIN [TOES20171213002](#) [Full text here](#) [Request the address](#)

The industrial solutions department of a Spanish technology centre is offering a management system focused on obtaining and synthesizing information and knowledge from a big quantity of data. The tool helps companies to receive back specific information and knowledge whilst saving a lot of time. Partnership sought is service agreement (open to any public authority, bank or company on any sector) and research cooperation agreement in the field of big data analysis.

POLAND [TOPL20171213001](#) [Full text here](#) [Request the address](#)

A Polish company with over 40 years of overall experience in the surgery branch is offering sterile single-use tampons used for treatment of badly healing wounds with proven medical results, tested and certified in Sweden. The company is interested in concluding a financial or research cooperation agreement with hospitals, medical research centres etc.

SPAIN [TOES20171212003](#) [Full text here](#) [Request the address](#)

Spanish research group, characterized by multi-disciplinary members with diverse profiles (geomatics, computer scientist, industrial engineers, civil engineers and architects), offers “all-in-one” welding inspection tool, weld map, based on the integration of photogrammetric (PHO) and ultrasonic technique (UT), that reduces costs and improve quality. They are seeking for partners interested in license, technical cooperation and financial agreements.

SPAIN [TOES20171212001](#) [Full text here](#) [Request the address](#)

Spanish technology centre has developed comprehensive district energy retrofitting methodology. This holistic and customizable method reduces the economic risks of large-scale renovation projects and facilitates the planning, implementation, management of such energy projects. The methodology has been tested at district level on three demonstration sites. Partnerships sought are service and research cooperation agreement with any type of entity interested in district energy retrofitting

SERBIA [TORS20171210004](#) [Full text here](#) [Request the address](#)

A small company located in the city of Nis, Serbia offers innovative models of specialised communal vehicles. The standard offer is based on a completely new construction design that has been developed according to appropriate standards. At the same time, the base construction allows for a very large variation according to partners’ individual technical requirements. The company is interested in commercial agreements with technical assistance with manufacturers of specialist vehicles.

SERBIA [TORS20171210003](#) [Full text here](#) [Request the address](#)

A production factory from Serbia offers commercial agreements with technical assistance to residential doors and windows manufacturers. Absolutely unique doors and windows have been developed in wood and polyvinyl chloride and rubber, in all standard sizes. These offer improved thermal properties for environmental standards and regulations, and more choice in colours, whilst coming at a lower cost.

SERBIA [TORS20171210002](#) [Full text here](#) [Request the address](#)

A Serbian SME offers innovative machines in the field of balancing equipment industry. The offer is a completely new construction according ISO 1940-1 standards. Advantage over similar products is the innovative combination of system elements that bring possibility of installing a machine in place where customers have need for system balancing. The company is looking for strategic partners interested for license agreement and joint development.

POLAND [TOPL20171208001](#) [Full text here](#) [Request the address](#)

A company from Poland is offering an autonomous water aeration system using special dedicated wind turbines and compressed air tanks. The solution can be used mainly for maintenance of fish ponds, but also in other applications, including water purification. The offered solution is innovative and environmentally-friendly. Commercial agreement with technical assistance is considered.

ITALY [TOIT20171207001](#) [Full text here](#) [Request the address](#)
An Italian company, that works in the biotechnology field, solved the problem of cheese whey (byproduct of cheese making) disposal by using an innovative patent pending technological process. It converts whey into yeast for bakery and other products, together with the recovery of whey protein that find their application in food, beverages, and nutraceuticals. The company is interested to sign a financial agreement with manufacturers in these sectors, to industrialise the process.

SPAIN [TOES20171205001](#) [Full text here](#) [Request the address](#)
The agrofood division of a Spanish technology centre is offering its cheese natural preservative coatings technology knowledge to companies interested in developing new products to protect and improve the quality of their cheese production. Partnerships sought are service agreement with any company on the sector of cheese production and research cooperation agreement with any type of entity in the field of food technology.

UKRAINE [TRUA20171106001](#) [Full text here](#) [Request the address](#)
The Ukrainian company is looking for the partner for developing a children's wooden toy, which includes the option of magnetic levitation. As magnetic levitation, the SME understand the technology or the method of lifting and fixing the object at a certain height using only a magnetic field. The company interested in partners for technical, manufacture or research cooperation.

ITALY [TOIT20171016002](#) [Full text here](#) [Request the address](#)
An Italian company offers a new ashes scattering service integrated with forestry services, in respect of the person, of the territory and of nature. The service consists in giving customers their resting place near a tree, located in a forest rented by the company from private owners and/or public entities, at the foot of which their ashes will be buried. They are proposing as partner or case study in a research cooperation agreement.

ITALY [TOIT20170918001](#) [Full text here](#) [Request the address](#)
An Italian designer of multi-skin facades for buildings has developed a new module, capable of reducing the building's energy demand by about 70% compared to a traditional facade. The glazed system obtains solar energy gain during the winter, summer sunlight control, indoor light control, night and day time free-cooling. Companies for commercial and technical cooperation, including production and sale of the technology, are sought.

BULGARIA [TOBG20170614001](#) [Full text here](#) [Request the address](#)
A Bulgarian engineering company has developed a conceptual structure /know-what/ of cost-effective and nature-friendly technology for enhanced drilling performance. It combines various methods and offers much higher productivity results compared to the contemporary drilling processes. The company is looking for research/technical cooperation or joint venture to develop the whole technology chain with partners from the field of industry, academia and research institutions or potential investors.

GREECE [TRGR20180110001](#) [Full text here](#) [Request the address](#)
Greek consulting firm working with olive and olive oil producers, is looking for advanced solutions for all the stages of olive oil production including cultivating, processing, packaging and trading of olives and olive oil. The Greek firm is looking to review solutions that are effective, easy to use and ready to be implemented in the olives and olive oil industry. The type of partnership sought is commercial agreement with technical assistance.

GERMANY [TODE20171228001](#) [Full text here](#) [Request the address](#)
A German University is searching a licensing partner for a newly developed class of Antibiotics against Gram-positive bacteria. Among them are some of the most dangerous pathogens for humans. It can be applied as an antibiotic or as a probiotic. Advantages of this new class are very rapid killing of pathogenic bacteria, low toxicity and an assumed targeting of structures, so far not covered by established antibiotics.

SPAIN [TOES20180108001](#) [Full text here](#) [Request the address](#)

Spanish university researchers working in electronics and telecommunications have patented an airborne system for the measurement, characterization, inspection and diagnosis of antennas or radiant systems, comprising at least one aerial module, an earth station and a communication system between elements. The invention also relates to the method of processing the radiated electromagnetic field. Companies are sought to develop applications of the described invention under license agreements.

UNITED KINGDOM **TOUK20171122001** [Full text here](#) [Request the address](#)

A UK start up company has developed a very efficient product applicable in concrete repair structures. The device gives a very accurate and smooth finish and adds strength and stability to the concrete. The SME seeks manufacturing agreements and commercial agreements with technical assistance with companies that are interested in the implementation of this invention

SOUTH KOREA **TOKR20180105002** [Full text here](#) [Request the address](#)

Korea's comprehensive telecommunication solution company is looking for a cooperation partner to expand their business globally. The company's products range from large capacity backbone class to small capacity class. The company wishes to conclude a technical cooperation or manufacturing agreements with a partner who can help localizing products based on a certain level of understandings in communication equipment.

BULGARIA **TOBG20171121001** [Full text here](#) [Request the address](#)

A Bulgarian inventor has developed an innovative device that retains and delivers kinetic energy, with a self-contained hydraulic power supply and remote control for motor vehicle that significantly reduces energy losses and is applicable for all types of motor vehicles. The inventor seeks research cooperation agreements with companies in order to test his invention and optimise performance.

BELGIUM **TOBE20171024001** [Full text here](#) [Request the address](#)

A Belgian company offers a unique technology that increases in a permanent way cell line productivity and stability, allowing cost-effective and efficient GMP (Good Manufacturing Practices) manufacturing of recombinant protein, difficult-to-express new biological entities and biosimilars drugs. The company is looking for commercial agreement with technical assistance with biotech pharma and diagnostic companies .

LATVIA **TOLV20171213001** [Full text here](#) [Request the address](#)

A company from Latvia engaged in bioreactor production has developed technology for production of bacterial material for remediation of oil-product polluted soil. The bacterial material is produced in bioreactor system and further is used for soil remediation. The technology is environmentally friendly and has proven its effectiveness in praxis. The company offers commercial agreement with technical assistance.

UKRAINE **TOUA20171227001** [Full text here](#) [Request the address](#)

A Ukrainian company has developed technology for speeded up washing of sugar beet. Vibro-resonance washers were created and tested under industrial conditions. The proposed technology enables to reduce the time of washing the beet and the losses of sugar in wash water by dozens of times. A working installment is available for demonstration. Manufacturers of equipment for sugar industry are sought for various possible types of cooperation.

TURKEY **TOTR20171225001** [Full text here](#) [Request the address](#)

A Turkish R&D centre specialized in steel and coal offers technical skills for production of new qualities, cost reduction, quality improvement studies (via pilot scale steel production and simulation laboratory) and innovative projects with its accredited laboratory infrastructure. The R&D centre is looking for technical cooperation or research cooperation agreement. They are also interested in being partner in Horizon2020 or Interreg projects.

GERMANY **TODE20171221001** [Full text here](#) [Request the address](#)

A German SME, specialized in machine learning techniques and data analysis is operating a platform for high-precision forecasts of production of renewable energy based on meteorological and production data. The company is looking for service agreement and technical cooperation agreement. The company is especially looking for organizations involved in energy trading with the goal of refining the forecasts directly for this purpose.

RUSSIA [TORU20171219001](#) [Full text here](#) [Request the address](#)

An innovative Russian SME develops full solutions for interactive systems. Technology ensures continuity and gentleness in interaction with interface devices such as an interactive floor, table, show-window or an interactive screen. The company is looking for partners for further joint development or adaptation of the developed software in accordance with the requirements of the customer within the framework of research cooperation agreement or technical cooperation agreement.

ITALY [TOIT20171219001](#) [Full text here](#) [Request the address](#)

An Italian research center in technologies design and materials offers a device for protection of thrusting structures. The device is designed to be installed in series with traditional metal tie rod that are normally used to reinforce thrusting structures absorbing horizontal thrust. The device is able to dissipate the energy related to a seismic event. The partnerships sought are commercial agreement with technical assistance; license agreement; technical cooperation agreement.

RUSSIA [TORU20171219005](#) [Full text here](#) [Request the address](#)

A Russian company together with a university is developing a technology for metal stretching and dents smoothing on automobile body. The technology allows stretching metal without access to the other side of metal sheet. The company is looking for partners for improvement of the technology, creation of a test sample, and organization of small-batch production of the equipment. The company is ready to sign services agreement, joint venture agreement.

RUSSIA [TORU20171219004](#) [Full text here](#) [Request the address](#)

A Russian company specialized in solving scientific problems in various fields has developed a multifunctional device with biologic feedback for medical purpose (hand functions development). The company is looking for cooperation with scientific and industrial organizations for improvement of the device and development of application methodology with regard to the national context of partner's country. The company is interested in technical cooperation and joint venture agreements.

GERMANY [TRDE20171211001](#) [Full text here](#) [Request the address](#)

The German company from chemical industry invites proposals for additives that can prevent plugging of oil-phase-based liquids in flow lines by solid deposits by inhibiting agglomeration, dissolution of solid deposits or inhibiting the formation of deposits. Relevant technical proposal can be carried out in the framework of a joint venture, license or research cooperation agreement.

POLAND [TOPL20171122002](#) [Full text here](#) [Request the address](#)

A company from North East Poland specialising in low heat sources developed a new type of thermal engine used to pump water without electricity. The company is looking for long-term partnerships under manufacturing agreement and financial agreement.

FRANCE [TOFR20171114001](#) [Full text here](#) [Request the address](#)

A French university laboratory specialised in chemistry and biotechnology has patented a method to produce nano-objects with specific properties and dedicated functions. They are in the shape of aqueous core wrapped in hybrid shell. The core can encapsulate a fluorescing agent or an active pharmaceutical ingredient for therapy. The ferromagnetic nanoparticle shell is useful as a contrast agent for magnetic resonance imagery. The laboratory is seeking industrial companies for license agreements.

ITALY [TOIT20171207002](#) [Full text here](#) [Request the address](#)
An international renown laboratory of prion biology based in Italy is developing fast in vitro assay that can detect disease-specific biomarkers with high sensitivity and specificity thus enabling early and definitive diagnosis of neurodegenerative diseases. They are looking for industrial partners to establish joint venture or licence agreements.

ITALY [TOIT20171206001](#) [Full text here](#) [Request the address](#)
An Italian research group specialized in the field of statistical and biological physics has developed proprietary algorithms and computational protocols capable to optimize the sequence and binding conformation of peptides that recognize with high affinity an a priori selected protein epitope. They are looking for licence and joint ventures agreements with industrial partners to validate the technology in operational environment.

GERMANY [TODE20171124001](#) [Full text here](#) [Request the address](#)
A team of German researchers developed a multiplex operation and the corresponding equipment for the additive manufacturing of components made from a combination of one or more low-melting or amorphous metals as well as one or more thermoplastics with similar melting temperatures. A cooperation on the basis of a licence or in the frame of a research cooperation agreement is envisaged.

UNITED KINGDOM [TOUK20171121002](#) [Full text here](#) [Request the address](#)
A UK social enterprise has developed a teaching and assessment tool for physical education in primary schools (ages 4-11). The online tool provides a complete solution for schools to deliver high quality physical education services and includes lesson planning, pupil assessment, personalised learning and tailored impact reporting. The company has successfully piloted the product and is seeking partnerships in the public sector and school sports equipment providers for license agreements.

UNITED KINGDOM [TOUK20171121001](#) [Full text here](#) [Request the address](#)
A UK based SME has developed a new manufacturing process for flexible packaging materials, including blister foil. The process uses no solvents, is low temperature and offers cost reductions over existing packaging technologies. The company is looking for an industrial partner who may be interested in technical cooperation agreements, manufacturing agreements or financial agreements in order to commercialise the technology.

SPAIN [TOES20170317001](#) [Full text here](#) [Request the address](#)
A Spanish medical SME has developed an innovative non-invasive tele-glucometer. The technology can measure glycemic on the surface of the tongue in a non-invasive way. The prototype could also connect to a smartphone and make use of biometrics technologies for measurement. The SME is looking for industrial partners of the health sector to cooperate via license agreement.

UNITED KINGDOM [TRUK20180104001](#) [Full text here](#) [Request the address](#)
A British company that provides technical consultancy services in the field of formulation science seeks novel encapsulation and release technologies for agrochemical applications. The technologies should provide increased stability, better compatibility or better sustained-release. The company is primarily looking for license or commercial agreements, but will also consider manufacturing agreements or research/technical cooperation agreements.

SOUTH KOREA [TRKR20180112002](#) [Full text here](#) [Request the address](#)
A Korean company that specializes in the engineering and construction services for highways, roads, and airports was founded in 1973. The company focuses on selecting an appropriate location for the new airport and expanse the national road. Environment, leisure, railroad, and the national road development are the major area of their business. The company is looking for cooperation in renewable energy technology that is applicable on the road with research cooperation and license agreement.

UNITED KINGDOM **TOUK20180115002** [Full text here](#) [Request the address](#)
A UK-based SME has developed a sensor for the detection of blood glucose levels that provides improved performance over existing technology. The SME is offering this technology to companies that have glucose measuring / monitoring devices for incorporation into their products. It is envisaged that the partnership will take the form of a commercial agreement with technical assistance.

GREECE **TOGR20180110001** [Full text here](#) [Request the address](#)
A Greek SME working in the field of electromagnetism is offering a multi-magnetometer device for testing any device to travel to space. The device is offering precise, reliable and fast measuring. The device is already used by ESA (European Space Agency). The Greek company is looking for space related companies or organizations interested in using the device for measuring their products under commercial agreement with technical assistance.

GERMANY **TODE20180108001** [Full text here](#) [Request the address](#)
The ultrasonic-humidification technology to defrost fish by this German R&D institute provides a much better product- and process-quality. This process is at least 30% faster than conventional methods, the weight loss is reduced up to 50% and the product quality improves significantly. The technology is applicable from small batches to large industrial amounts of fish. It is offered for use under a commercial agreement with technical assistance or for cooperation under a license agreement.

ITALY **TOIT20180109002** [Full text here](#) [Request the address](#)
An Italian company has developed a support tool for the management and coordination of emergency brigades during emergency events in large outdoor areas and inside buildings. The aim is to enhance safety of operating teams and community, minimize damages in the affected areas/buildings, optimize the use of personnel and equipment, and reduce the cost of intervention. The company is looking for technical cooperation agreement and licence agreement.

SOUTH KOREA **TRKR20180109001** [Full text here](#) [Request the address](#)
The Korean company specialized in manufacturing high precision plastic components along with the parts of precision science and Light Emitting Diode (LED) lamp is interested in the development of Solid Oxide Fuel Cell, SOFC. In order to be the economic values strong and high efficiency of SOFC. The company is looking for the partner to cooperate in the framework of research cooperation agreement and license agreement.

ITALY **TOIT20180109001** [Full text here](#) [Request the address](#)
The company, based in the southern Italy, operates on mission critical application and engineering activities. In particular, operating in the additive manufacturing, they developed a system to custom the raw materials used to create any objects. The company is looking for a services agreement.

UNITED KINGDOM **TRUK20180110001** [Full text here](#) [Request the address](#)
A UK developer of functional and smart coatings for the electronics manufacturers is looking for developers of the same, under technical cooperation, license and financial agreements. They can develop and commercialise novelties in this field on a global scale.

SINGAPORE **TOSG20180108002** [Full text here](#) [Request the address](#)
A Singapore research institute has developed an innovative and accurate point-of-care system for the diagnosis of urinary tract infection (UTI). This point of care diagnostic device is based on microfluidic system with dielectrophoresis (DEP) on-chip concentration module which can detect Escherichia coli (E.coli) bacteria. The institute seeks to partner SMEs, MNEs or research / healthcare institutions through licensing or research cooperation agreements.

SINGAPORE **TOSG20180108001** [Full text here](#) [Request the address](#)

A Singapore research institute has developed a thermal management system with a heat sink that provides a mechanism to relieve the pressure that arises in the chamber during the expansion of the phase change material (PCM). With this system, constant contact interface between the PCM and heat sink walls can be maintained to improve thermal conductivity. The institute seeks to partner SMEs/MNEs such as electronics/electrical device/component manufacturers through licensing agreements.

SINGAPORE [TOSG20180108003](#) [Full text here](#) [Request the address](#)

A Singapore research institute has developed a healthier alternative to the regular ice-cream that contains only half the amount of fat content of the regular ice cream. The low fat formulation, registered under the Singapore Health Promotion Board's (HPB) the Healthier Choice Symbol (HCS) programme can be consumed by all age groups. The institute seeks to partner SMEs/MNEs - Food & Beverage (F&B) manufacturers, catering companies or healthcare institutions through a licensing agreement.

SINGAPORE [TOSG20180108005](#) [Full text here](#) [Request the address](#)

A Singapore institute has developed a cost effective, paper-based, point-of care diagnostic device for the detection of uric acid levels. This easy-to-use diagnostic device can be used for quick diagnosis of gout, which is characterized by high serum urate levels. The institution seeks to partner SMEs, MNEs or research/healthcare institutions through licensing or research cooperation agreements.

SOUTH KOREA [TOKR20180105001](#) [Full text here](#) [Request the address](#)

A Korean company specialized in server security and authentication solutions wishes to expand their overseas markets through license agreement, technical cooperation and commercial agreement with technical assistance. The company's 3 main business areas are server security solution, identity and access management (IAM) solution, and biometric signature authentication solution. Any organization in need of such solution for authentication and defense from cyber-attacks can be potential client.

SINGAPORE [TOSG20180105001](#) [Full text here](#) [Request the address](#)

A Singapore research institution has developed a laser assisted wet chemical etching of gallium nitride (GaN). This technique offers many benefits compared to the traditional plasma etching technique. It can be used for the fabrication of vertical LEDs. Industries such as semiconductor fabrication, mechanical, and flexible electronics can leverage the competitive benefits of this technique. The institution is keen to partner SMEs and MNEs through a licensing model.

GERMANY [TODE20180104001](#) [Full text here](#) [Request the address](#)

A German leading centre of competence for rheumatic and other autoimmune diseases has built up a register for rheumatoid arthritis and systemic lupus erythematosus. The aim is to offer and extend existing biobanks with comprehensive patient data, serum- and tissue samples from already more than 2000 patients to further international industrial and academic partners. Research and technology cooperation partners are sought to test new biomarkers and to develop novel diagnostic technologies.

FRANCE [TRFR20171218001](#) [Full text here](#) [Request the address](#)

The French start-up specializes in technology transfer from the space sector to the health and medical care sector. The company is looking for partners for a research cooperation agreement to start new R&D projects in a partnership model.

SLOVAKIA [TOSK20171220001](#) [Full text here](#) [Request the address](#)

A Slovak company located in the eastern part of country has developed one of the slimmest panel PC on the market. It is all-in-one resistant fan-less PC with touch panel, low power consumption, 12V power supply and antibacterial coating as an option. PC is designed for industry, health care, self services, retail, advertising and education. The company is looking for partners to cooperate via license agreement or commercial agreement with technical assistance.

BULGARIA [TOBG20170526001](#) [Full text here](#) [Request the address](#)
A Bulgarian research team has invented and developed a new method for laser ablation threshold determination in solid materials. It is applicable in electronics, mechanical engineering, instrumentation and research, such as laser assisted thin films deposition, laser surfaces modification, laser material processing, laser-induced plasma spectroscopy and others. Businesses and organisations in these fields are sought for commercial agreements with technical assistance.

BULGARIA [TOBG20170529001](#) [Full text here](#) [Request the address](#)
The invented technology by Bulgarian research team in the framework of FP7 funded research project refers to contactless detection of phase transition in liquid crystal state by means of laser induced surface photo charge effect. This could be applicable to electronics, optoelectronics, acoustics, chemical technology and etc. The partner sought is to acquire the invention and to develop a new instrument, under a license agreement.

NETHERLANDS [TRNL20180103001](#) [Full text here](#) [Request the address](#)
The Dutch multinational company is a major worldwide producer of specialty chemicals. The company is looking for new technologies or novel ideas which can drastically improve the performance of their plants. They want to explore the use of new technologies like sensors, wearables, augmented reality, and new algorithms. Cooperation would be in the frame of a technical cooperation agreement, a research cooperation agreement or any other form that fits the purpose of this challenge.

NETHERLANDS [TRNL20180116001](#) [Full text here](#) [Request the address](#)
A Dutch company is a major producer of specialty chemicals, supplying essential ingredients worldwide. Their production processes results in a variety of wastewater streams which often contain both salt and organic matter. The company is looking for improved methods to purify wastewater streams to decrease any impact on the environment and thereby closing the water loop in their factories. Cooperation with partners would be in the frame of a research or a technical cooperation agreement.

NETHERLANDS [TRNL20180108001](#) [Full text here](#) [Request the address](#)
A Dutch multinational is a leading supplier of nano- and micro-particles designed to enhance their clients' product or process performance in a wide range of consumer products and industrial applications. The company is looking for new materials and/or technologies in the nano- and micrometer scale that can make these products more sustainable, durable, lightweight and/or functional. Cooperation with partners would be in the frame of a research or a technical cooperation agreement.

NETHERLANDS [TRNL20180109001](#) [Full text here](#) [Request the address](#)
The Dutch multinational company is a major producer of specialty chemicals. For many applications these products are supplied as a dry, free-flowing powder. The properties are highly dependent on the drying process. The company is looking for more advanced product technology and new approaches to make the production of powder products more efficient. Cooperation would be in the frame of a research-, a technical cooperation agreement or a commercial agreement with technical assistance.

NETHERLANDS [TRNL20180115002](#) [Full text here](#) [Request the address](#)
A Dutch multinational company serves a large specialty surfactants market. The company wants to build a flexible surfactant technology platform to realize a fully sustainable surfactants business. The platform is envisioned to be both bio-based and biodegradable, and to provide a flexible toolbox from which they can tune surfactants to meet the needs of a wide range of applications. Cooperation would be in the frame of a research agreement or a technical cooperation agreement.

ITALY [TOIT20180115002](#) [Full text here](#) [Request the address](#)
An Italian SME, active in the field of wellness and now entering the medical devices sector thanks to an SME Instrument Phase 2 project, has developed an innovative anti-decubitus bed with a non-invasive remote monitoring solution for the early diagnosis of decubitus ulcers, prevention and suitable treatment. They are

looking for manufacturing agreement and commercial agreement (with technical assistance) with producers of hospital equipment and/or medical devices.

UNITED KINGDOM [TOUK20180115001](#) [Full text here](#) [Request the address](#)

A UK-based SME has developed an implantable sensor that can measure and allow for the monitoring of glucose levels. This sensor enables accurate, real-time measurement of glucose levels aiding diabetes management. The SME is offering this technology to larger companies in the glucose monitoring space for further development and incorporation into partner products. It is envisaged that the partnership will take the form of a commercial agreement with technical assistance or a joint venture.

NETHERLANDS [TRNL20180115001](#) [Full text here](#) [Request the address](#)

The Dutch company is globally active and major producer of sodium chlorate, used for many applications, e.g. the paper industry. The current production process of chloride requires small amounts of hexavalent Chromium (Cr(VI)) which has several health and environment related concerns. The company is looking for ways to produce chlorate without using Cr(VI). This could include new production approaches. Cooperation would be in the frame of a research- or a technical cooperation agreement.

BELGIUM [TOBE20180122001](#) [Full text here](#) [Request the address](#)

A Belgian company specialized in thermal desorption offers its own sustainable systems to decontaminate a wide range of polluted soils by in situ thermal desorption (without excavation) or on site, while recovering energy. Its patented technologies is offered to similar companies (SMEs) active in soil remediation for international commercialization under a commercial agreement with technical assistance or for further cooperation with a technical cooperation agreement.

BELGIUM [TRBE20171219001](#) [Full text here](#) [Request the address](#)

A Brussels based professional organization of glass recyclers is looking for a technical solution to allow for the recycling of laminated glass/Windshields, particularly the PVB (polyvinylbutyral) fraction. The organisation is looking for companies or universities with an expertise on materials in order to develop and demonstrate them with a technical agreement. This demonstration could take place in the framework of Horizon 2020 projects.

BELGIUM [TRBE20161012001](#) [Full text here](#) [Request the address](#)

In the frame of a new product development, a Brussels-based R&D company specialized in the development of ecological devices trapping domestic pests is looking for non toxic a hot-melt glue with a high-tack adhesive adapted to different insect species. The glues will be tested on different insect species. The SME seeks commercial agreement with technical support to spread the glue on specific materials (cardboard/plastics).

SOUTH KOREA [TRKR20180119001](#) [Full text here](#) [Request the address](#)

A Korean company manufactures fluorescent materials and optical sensors desire to find partners to develop convergence of technology in the field of fluorescent materials and optical power. The technology would allow finding the accurate location of the sun over all azimuths as the batteries and sensors are following the position of the sun. The company desires to seek a partner for cooperation under the research cooperation agreement and licensing agreement.

NETHERLANDS [TRNL20180103001](#) [Full text here](#) [Request the address](#)

The Dutch multinational company is a major worldwide producer of specialty chemicals. The company is looking for new technologies or novel ideas which can drastically improve the performance of their plants. They want to explore the use of new technologies like sensors, wearables, augmented reality, and new algorithms. Cooperation would be in the frame of a technical cooperation agreement, a research cooperation agreement or any other form that fits the purpose of this challenge.

NETHERLANDS [TRNL20180116001](#) [Full text here](#) [Request the address](#)

A Dutch company is a major producer of specialty chemicals, supplying essential ingredients worldwide. Their production processes results in a variety of wastewater streams which often contain both salt and organic matter. The company is looking for improved methods to purify wastewater streams to decrease any impact

on the environment and thereby closing the water loop in their factories. Cooperation with partners would be in the frame of a research or a technical cooperation agreement.

ITALY [TOIT20180115001](#) [Full text here](#) [Request the address](#)

An Italian SME has developed a new mice repellent product. It is an essential oil-based multi-sensory mouse repellent. It is non-toxic natural repellent, suitable for houses with pets and children. One example of the product is already on the market and consists of a complete line of standalone cardboard diffusers to fulfill all customers's needs. Licence, commercial with technical assistance agreements are sought for. Target countries mainly in Europe, second extra EU.

SPAIN [TRES20180115001](#) [Full text here](#) [Request the address](#)

A Spanish start-up has developed an innovative digital logistics platform that optimizes deliveries to clients in the final stage of the process (the last mile). In order to improve its technology, the company is looking for integrating innovative complementary IT add-on solutions: Distance matrix builders, route optimizers, AI (Artificial Intelligence), big data, machine learning, and IoT applications. The kind of partnership sought is license agreement.

NETHERLANDS [TRNL20180115002](#) [Full text here](#) [Request the address](#)

A Dutch multinational company serves a large specialty surfactants market. The company wants to build a flexible surfactant technology platform to realize a fully sustainable surfactants business. The platform is envisioned to be both bio-based and biodegradable, and to provide a flexible toolbox from which they can tune surfactants to meet the needs of a wide range of applications. Cooperation would be in the frame of a research agreement or a technical cooperation agreement.

ITALY [TOIT20180115002](#) [Full text here](#) [Request the address](#)

An Italian SME, active in the field of wellness and now entering the medical devices sector thanks to an SME Instrument Phase 2 project, has developed an innovative anti-decubitus bed with a non-invasive remote monitoring solution for the early diagnosis of decubitus ulcers, prevention and suitable treatment. They are looking for manufacturing agreement and commercial agreement (with technical assistance) with producers of hospital equipment and/or medical devices.

UNITED KINGDOM [TOUK20180115001](#) [Full text here](#) [Request the address](#)

A UK-based SME has developed an implantable sensor that can measure and allow for the monitoring of glucose levels. This sensor enables accurate, real-time measurement of glucose levels aiding diabetes management. The SME is offering this technology to larger companies in the glucose monitoring space for further development and incorporation into partner products. It is envisaged that the partnership will take the form of a commercial agreement with technical assistance or a joint venture.

SERBIA [TORS20170825001](#) [Full text here](#) [Request the address](#)

A Serbian company developing and producing magnets and magnetic components for electric devices has developed a new generation of mangan-zinc ferrite cores for impellers for high-frequency (100-500 kHz) welding of tubes. The cores generate high magnetic fields 8-16kA/m, and sustain working temperature up to 80°C and come in user defined shape. The cooperation with integrators of welding equipment is sought for commercial agreement with technical support or technical cooperation agreement.

IRELAND [TOIE20171124001](#) [Full text here](#) [Request the address](#)

The company has developed a smartphone app that offers a solution to many of the queuing issues which everyone has experienced at large crowd events, such as concerts, festivals, sporting events, etc. It was developed with the intention of targeting the global event market, across different countries, languages & currencies, and has to date been developed in English and caters for the euro currency. The company seeks partners interested in a licencing agreement.

LITHUANIA [TOLT20161013001](#) [Full text here](#) [Request the address](#)

A Lithuanian SME, specializing in hard material laser processing tools and technology development, is offering their developed Silicon Carbide and Gallium Nitride wafer scribing/dicing technology and optical engine for semiconductor device manufacturers. The company will consider possible commercial agreements with technical assistance, financial, license and manufacturing agreements with manufacturers as well as joint venture and research cooperation agreements with research institutions.

UNITED KINGDOM [TOUK20171220001](#) [Full text here](#) [Request the address](#)

South West UK SME with expertise in cutting-edge screen technology has developed a smart medication adherence solution which automatically reminds citizens to take medication and can alert medical staff and carers in the event that medication is not taken. The solution increases medication adherence which contributes to better health outcomes and reduces healthcare costs. The company seeks partners interested in licensing the technology.

CZECH REPUBLIC [TOCZ20171220001](#) [Full text here](#) [Request the address](#)

Czech university developed a special spectrophotometer that not only analyzes photo chromic change but also measures color transition that identifies environmental dangerous conditions. The external stimuli can be changes in temperature, humidity, pH environment, the concentration of hazardous substances, etc. Measurements and acquisition of experimental data can be realized in remission and transmission mode. The university seeks licensing agreement.

SPAIN [TOES20171129002](#) [Full text here](#) [Request the address](#)

A Spanish university developed a bubble column-type bioreactor to carry out the culture of a cell suspension of any type of plant in aseptic conditions. The novel design of this low-cost bioreactor allows: to recover the culture medium, to replace it with another medium, to reuse the remaining biomass for a next culture operation, a homogenous and efficient aeration, and the correct agitation of the culture. Companies interested in licensing or technical cooperation agreements are sought.

SPAIN [TOES20171221001](#) [Full text here](#) [Request the address](#)

A Spanish university has developed a method for biometric authentication by recognizing the blinking of a subject. It consists of studying and characterizing the changes in the intensity of diffused light during the blinking process. This method allows the authentication of subjects by means of a contactless procedure, and even unconsciously. Companies interested in licensing or technical cooperation agreements are sought.

UNITED KINGDOM [TRUK20180124001](#) [Full text here](#) [Request the address](#)

A multinational shipping enterprise with a registered base in Scotland (UK) is seeking novel approaches to improve Port Operations safety, particularly in the on-loading and off-loading of unaccompanied freight for Ferry and Roll-Off/Roll-On vessels. The ideal solution would work with a broad range of freight types, haulage companies, and vessel types. The Scottish company is looking for partnerships via a joint venture or a technical cooperation agreement.

UNITED KINGDOM [TOUK20180124001](#) [Full text here](#) [Request the address](#)

A technology transfer organisation in the UK that specialises in the commercialisation of defence research has developed a lightweight steel ideally suited for appliqué (retrofitted) armour. This steel provides a low-cost and more easily machinable alternative to current armour plate while providing the same level of ballistics performance. The company is offering a license agreement to steel manufacturers and security/defence products manufacturers.

GERMANY [TODE20180124001](#) [Full text here](#) [Request the address](#)

A young German company offers an exceptionally lightweight motor that can be mounted on classical bikes. The bike remains lighter than regular e-bikes and can easily be carried. The motor is based on a new patented design. Maintenance requirement is low. Partners are sought for commercial agreements with technical assistance in Europe and for license agreements outside of Europe.

ITALY [TOIT20171107001](#) [Full text here](#) [Request the address](#)

An Italian start-up has developed a technology for the extraction of active principles from different vegetables and herbal matrices without chemical treatments. The extracted molecules are present for more than 98% in a combined form (glycosides) in the same way they are naturally present in plants and fruits. The start-up is willing to cooperate with international partner under technical and research cooperation agreements. A manufacturing agreement is also a viable kind of cooperation.

BELGIUM [TOBE20171222001](#) [Full text here](#) [Request the address](#)

The biofiltration process developed by a Belgian research center (RC) removes hydrogen sulphide from gaseous streams by the selective oxidation of sulfide to elemental sulfur. This process has several advantages compared to existing methods: no need to replace the biocatalyst, low chemical consumption and sulphide removal efficiency > 95 %. The RC is looking for an industrial partner who wants to further develop (construction of a demonstration plant) and commercialize the technology (licensing)

GERMANY [TODE20180112001](#) [Full text here](#) [Request the address](#)

A non-university research organisation from Germany is seeking for a coordinator for a project in H2020 ICT-29-2018: "A multilingual Next Generation Internet" (RIA). They are in the process of setting up a consortium on the development of multi-lingual semantic applications, for example for a multi-lingual indexation of patents in order to make them accessible to a wider, general public. They offer a comprehensive bilingual (English-German) thesaurus for technical and management topics.

LATVIA [TOLV20171222001](#) [Full text here](#) [Request the address](#)

A company from Latvia offers a technology for production of ferments for dairy industry using microorganisms. Using these ferments a variety of popular milk products can be produced, e.g. yoghurt, kefir, cultured buttermilk or cultured cream. Main advantage of the technology is using biological and ecological solutions with the same effect on the final product. The company offers commercial agreement with technical assistance.

SOUTH KOREA [TRKR20180112001](#) [Full text here](#) [Request the address](#)

A Korean company in the field of security access gate would like to find a supplier that could provide a brake or decelerator with better specifications. The brake should generate less noise when a door linked to the shaft moves, and the decelerator installed in the shaft should hold the shaft firmly and create less clearance (space). As both components have to be adjusted for the module, a commercial agreement with technical assistance is preferable.

BELGIUM [TOBE20171026001](#) [Full text here](#) [Request the address](#)

A Brussels-based company with an already established branch in Senegal specialized in energy audit and management of photovoltaic projects and rural electrification is looking for a financial agreement on new small photovoltaic technology projects and isolated systems for professional clients who already expressed their interest & signed purchase orders. The global power of the projects is of 9.010 Wc. Duration of the agreement: 3 to 5 years.

CHINA [TRCN20170803001](#) [Full text here](#) [Request the address](#)

This is a Chinese pharmaceutical company specialized in R&D and manufacturing of non-PVC (polyvinyl chloride) soft bag infusion. According to their company development demand, currently, they are looking for advanced new products and technology in the domain of nephrology, nutrition and infusion from Europe market. Potential cooperation could be worked out under technical cooperation agreement