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BULGARIA

БЮЛЕТИН ТЕХНОЛОГИЧНО КООПЕРИРАНЕ
бр. 09/ 01.10.2021

Summary **TRKR20210818001** **Public link** **Request the address**

A Korean SME, specialized in developing and manufacturing medical devices especially in dentistry, is looking for a partner who has complete Jet Injector technologies, which is also called 'Needle-Free injection'. The company wishes to introduce and utilize the technology with their own technical knowledge. The firm is seeking a partnership under license agreements and commercial agreements with technical assistance.

Summary **TRFR20210903001** **Public link** **Request the address**

A French company which produces feed supplements for horses is looking for plant suppliers. Frequently they are looking for specific plants regarded as feed raw materials. For example, Sophora Japonica and Sarracenia Purpurea are currently sought. Commercial agreements with technical assistance are sought with such plant suppliers.

Summary **TRNL20210901001** **Public link** **Request the address**

A Dutch construction company is looking for partners who can help them to sustainably measure, increase, preserve or restore the biodiversity around their construction projects. The company is looking for industry/academic partners working in ecology/sustainability, data analysis and more, that has technologies, prototypes, services or other ideas such as physical products, a digital tool, or a completely different solution, for further development via technical cooperation agreement.

Summary **TRNL20210824001** **Public link** **Request the address**

A Dutch SME is an innovative developer of ICT products for the education, culture and healthcare sector. They want to develop robust covers for tablets that will be used by people with physical and/or mental disabilities. For this reason the Dutch SME looks for developers and manufactures who have ideas and concepts that can be used. The potential partner is able to develop a prototype and is also able to produce the cover in large numbers. A technical cooperation agreement will be provided.

Summary **TRNL20210920001** **Public link** **Request the address**

A Dutch family owned business that develops and sells supplies to cheese retailers wants to make its product range more sustainable. Their PVC transparent packaging film is used to cover and keep pre-cut cheese parts longer fresh in the shop. For this film they are looking for a sustainable alternative with comparable food safety and user characteristics within the framework of a commercial agreement with technical assistance. This request is part of an open innovation challenge.

Summary **TRIT20210906001** **Public link** **Request the address**

A group of Italian companies in the electric mobility sector is looking for wireless vehicle charging technologies. This technology can overcome the problem of infrastructures in electric mobility. The cooperation will be carried out under commercial agreements with technical assistance, licence and technical cooperation agreements.

Summary **TRCN20210907001** **Public link** **Request the address**

The Chinese company is specialised in R&D, manufacturing and marketing of thermal power equipment, environmental protection equipment, power plant auxiliaries, and coal gasification equipment in China. In order to optimise sustainable recycling of decommissioned wind turbine blades and composites, it is looking for advanced technology for wind turbine blades recycling from the European market. Potential cooperation could be via a commercial agreement with technical assistance.

Summary **TRCN20210903001** **Public link** **Request the address**

This is a Chinese company specialised in R&D, manufacturing and marketing of thermal power equipment, environmental protection equipment, power plant auxiliaries, and coal gasification equipment in China. In order to optimise its service technology, it is looking from the European market for advanced technology, equipment and solutions for dismantling wind turbine blades. Potential cooperation could be via a a commercial agreement with technical assistance.

Summary **TRCN20210910001** **Public link** **Request the address**

The Chinese company is a management investment company, which is mainly engaged in pharmaceutical and health-care, commodity trading, real estate investment, and financial services business. Based on its business exploration, it seeks bio-pesticide and bio-fertiliser technology from the European market via a commercial agreement with technical assistance.

Summary **TOES20210811001** **Public link** **Request the address**

The company is a Spanish SME leader in the field of biosensor-based analytical devices applied to food safety monitoring. Innovation of the solution relies on being the first digitized and inexpensive integral solution for food safety monitoring composed by digital biosensing devices connected to cloud services for monitoring critical food safety parameters through all the value chain. The company offers a technical or research cooperation agreement to continue developing the system.

Summary **TOES20210811002** **Public link** **Request the address**

A Spanish SME leader in the field of biosensor-based analytical devices applied to food safety monitoring and health diagnostics offers the opportunity to collaborate in the development of solutions based on lateral flow immunosensor (LFI)-based rapid tests with the possibility of large-scale production for both health diagnostics and food safety. This could be held under a manufacturing, research cooperation or technological cooperation agreement.

Summary **TOGR20210723001** **Public link** **Request the address**

A European consortium has developed a unique Autonomous Smart Sensing Card (ASSC), which combines an energy autonomous multi-sensor platform in a credit card-size device. It is ideal for several applications in buildings and as a wearable. The consortium is looking for companies and R&D institutions interested in using the card or tailoring the design to fit their needs. The consortium is interested in technical cooperation agreement.

Summary **TOKR20210805001** **Public link** **Request the address**

A Korean biotech company has developed the new therapeutic technology of Rheumatoid Arthritis (RA) drug, easing the human joint's inflammation by targeting a new recombinant protein. The new recombinant protein helps RA patients recover their damaged joints and increase joint healing. They aim to conduct clinical trials and gain IND (Investigational New Drug) approvals in the U.S. until 2022. The Korean company is looking for biotech partners to gain the new RA drug under a license agreement.

Summary **TOKR20210817001** **Public link** **Request the address**

A Korean SME, based in Seoul, has developed a new method of the work-holding system which is controlled by magnetism. This technique can be applied to a wide range of industries such as automobiles, machinery, and lift/hold automation. The technology can give solutions to the problems that occur in the existing work-holding system, enhancing energy efficiency. The company is looking for international partnerships under license agreements.

Summary **TOKR20210817002** **Public link** **Request the address**

A Korean SME, based in Seoul, is a company specialized in renewable energy development. The firm has invented a new type of wind power generating system using horizontal blades. This system can generate 4 times as much power as VAWTs (Vertical-Axis Wind Turbine; existing wind turbines), by using only 1/80 of its space and less cost. The company is interested in having international partnerships under license agreements, financial agreements, and joint venture agreements.

Summary **TORU20210804003** **Public link** **Request the address**

A Russian institute has developed a technology for multi-layer coating on the surface of implant organs, synthesizing the protective properties of nanoparticles and biopolymers. Innovative coatings can be used as an antibacterial modifier of the implant, allowing acceleration of its implantation by reducing the risks of concomitant inflammation. The institute is looking for foreign partners to conclude a commercial agreement with technical assistance.

Summary **TORU20210906001** **Public link** **Request the address**

A Russian company from the Rostov region is engaged in the development of innovative technologies in medicine. The company has developed a laryngeal mask with a non-inflated cuff, which eliminates complications in the patient associated with improper inflating of the cuff or insufficient control of the anesthesiologist. The company is looking for reliable foreign partners to conclude commercial agreements with technical assistance and/or financial agreement.

Summary **TOTR20210817001** **Public link** **Request the address**

An SME, which provides a sports activity analysis platform through a wireless network of EMG (electromyography) based sensors optimized for athletes, has companies in both Turkey and the UK. Its customers are sports teams practicing different kinds of sports in the UK. The SME is seeking for the international partners, especially working on wearable and textile technologies, to develop its products by academic and scientific research collaborations by research cooperation agreement.

Summary **TOTW20210910001** **Public link** **Request the address**

A Taiwanese non-profit biomedical research institute is developing Anti-Globo H ADC for cancer treatment. The product is currently in the stage of pre-clinical. They are seeking partners for out-licensing, contract services, and co-development in related to the development of anti-Globo H ADC.

Summary **TOUA20210831001** **Public link** **Request the address**

SME in Ukraine (Kyiv) offers technology of automatic installation for heat and ice production that can be used for operation with heating, air conditioning and refrigeration systems on air heat pumps (AHP) and ventilation systems. The company is looking for commercial agreement with technical assistance or technical cooperation agreement.

Summary **TOUA20210908001** **Public link** **Request the address**

A Ukrainian company offers a comprehensive diagnostic apparatus that reveals the nature and cause of pathology in 90% of clinical cases. The device is an original development of a new generation of medical purposes based on a new concept and modern IT technologies. The advantages of this offer are the reliability of the results, special software and a competitive price. Type of cooperation: commercial agreement with technical assistance.

Summary **TOUA20210909001** **Public link** **Request the address**

A Ukrainian R&D institute offers a complex microbial preparation for the protection of plants against pathogens and pests. It exhibits antifungal, antibacterial, antiviral, insecticidal activity and growth stimulating effect. It is used for grain, technical, vegetable crops, in gardening and forest park industry. The institute is looking for license agreements with bio-factories, and enterprises that specialize in the production of microbial biopreparations.

Summary **TOIT20210830001** **Public link** **Request the address**

An Italian innovative SME has developed and patented worldwide a virtual swim trainer providing a strong LED light moving on a pool bottom or on the lane breakwater surface, so that the swimmer can constantly see the pointer position and compare it with their own. The system, already used by Olympics athletes, has been adapted to other sports or for rehabilitation purposes. The SME is interested in commercial agreements with technical assistance with end users or sport plants designers.

Summary **TOSI20210823001** **Public link** **Request the address**

Slovenian researchers developed a device for in situ determination of permeability. The materials are not extracted for the measurement, which is very important for fragile materials. The method is non-destructive and non-invasive. The researchers are looking for partners who would like to adapt the developed prototype to specific requirements and sign licensing and/or research cooperation agreements in the EU and beyond.

Summary **TOAT20210914001** **Public link** **Request the address**

An Austrian SME has developed an easy to use, wireless solution to automate growing conditions of plants such as °C, aeration, light and CO2 concentration. The system consists of one controller and one power plug that are plugged in conventional power sockets and switch on/off connected hardware such as fans. Growing conditions are easily controlled via an intuitive app. Partners are sought for commercial, license and manufacturing agreements.

Summary **TOIT20210913001** **Public link** **Request the address**

An Italian high-tech start-up has developed, in collaboration with research centers and universities, an innovative system of LED lamps and software applied to the fish farming sector. It helps to increase the quality and quantity of production, reducing mortality, prolonging seasonality and improving animal welfare. Organisations and companies operating in the fish farming sector are sought for commercial agreements with technical assistance.

Summary **TOES20210910001** **Public link** **Request the address**

A Spanish company specialised in sustainability, environment, climate change, and energy has developed an innovative solution for processing retired lithium batteries from electric vehicles (EVs) to manufacture energy-storage systems (EES). They manufacture their products from battery cells removed from electric vehicles, giving them a second life. The company is looking for technical cooperation agreement, research cooperation agreement, commercial agreement or other appropriate are preferred.

Summary **TODE20210831001** **Public link** **Request the address**

A young innovative German SME from the AI sector is offering tailor-made AI, Big Data and IoT solutions. The company is specialised in bringing cutting-edge state of AI from academia to industry. Software development partners are sought as well as integrators for license and/or R&D cooperation.

Summary **TODE20210806001** **Public link** **Request the address**

A German SME is interested in joining a EU research consortium. The SME will provide innovative modeling and simulation software and services for domestic and industrial water supply and sanitation. Fully coupled hydraulic models of sewer systems, surface flow, watercourses, and water-supply networks are possible. Modelling of resource and energy recovery, transport and chemical reactions of dissolved substances can be included. The SME is looking for research and technical cooperations.

Summary **TOSK20200807001** **Public link** **Request the address**

An innovative honey preparation for the local treatment of long-term non-healing wounds has been developed by a team of inventors from an established Slovak scientific and research institute and a Slovak university. The novelty of the honey preparation consists in the use of a combination of ascorbic acid with honey to increase the antibacterial and antibiofilm potential of honey against pathogens of chronic wounds. The preferred cooperation type is license agreement.

Summary **TOSK20210316002** **Public link** **Request the address**

A Slovak scientific institute has developed a new generation magnetoelastic deformation sensor based on advanced amorphous/ nano (quasi) crystalline materials. The sensor was tested in real conditions such as on a water dam, tunnel and a gas pipeline with excellent results. Application possibilities of the technology are in civil engineering, traffic, geotechnics, hydrology and soil mechanics, etc. The preferred cooperation types is license agreement.

Summary **TOSK20210316004** **Public link** **Request the address**

A team of inventors from an established Slovak scientific and research institute has developed a unique technology -novel lightning threat indicator, which takes advantage of information about the increase of electric charge of water droplets in a cloud, which is obtained by measuring the characteristics of electromagnetic (EM) radiation backscattered by a cloud at two wavelengths. The proprietors of the technology are looking for partners to cooperate with via license or financial agreement.

Summary **TOSK20210316006** **Public link** **Request the address**

Established Slovak scientific and research institute in cooperation with a Slovak university has managed to breed a new variety of Amaranthus cruentus L, which has an increased seed production potential compared to the so far industrially exploited varieties, while maintaining a high nutritional value with a number of biologically valuable substances. The preferred cooperation type is license agreement.

Summary **TOIT20210907001** **Public link** **Request the address**

An Australasian company with an office in Italy has 20 years of experience in designing and building biogas and biomethane plants with waste-to-energy and wastewater treatment technologies. The company has developed new efficient, sustainable and economically viable solutions applicable for waste-to-energy and wastewater treatment value chain. Final users or system integrators are sought to adapt such technologies to specific applications under commercial agreement with technical assistance.

Summary **TOFR20210823001** **Public link** **Request the address**

The French company is a developer, operator and service provider in the fields of water, agriculture and renewable energies in response to the problems associated with climate change in rural areas. Since 60 years, it's been active throughout the world, with a particular interest in the Mediterranean region. Already involved in transnational cooperations, it's currently looking to establish a research cooperation agreement with a coordinator experienced in European calls for projects.

Summary **TOGR20210902001** **Public link** **Request the address**

A Greek SME has developed an advanced Internet of Things system to optimise the energy management of the home microgrid. It offers commercial co-operation with technical assistance to energy demand response (DR) aggregators and energy suppliers to incorporate the technology in their applications. It also seeks partners who develop IoT devices, smart appliances, and energy management software for technical cooperation agreements to integrate this technology in their products.

Summary TOSK20210907001 Public link Request the address

An innovative device that lets one clamp a cross-section in a three-jaw chuck is aimed at engineering companies with production of mechanical components via lathing. The research team at a university in Bratislava offers this time-saving solution to manufacturers of tooling under license.

Summary TOSK20210907002 Public link Request the address

New innovation related to rotary dynamometers has been developed by an R&D institution in Trnava region. The innovation consists of a fixture for setting precise position of telemetry sensor of rotary dynamometer clamped in the spindle of a machine tool. The preferred cooperation type is license agreement. The team is looking for licensing the mentioned technology.

Summary TOSK20210907003 Public link Request the address

There has been a new innovation developed by the team of researchers at R&D institution in Trnava region. High quality and cost effective Pulse plasma generator is now ready for the market. The university is looking for a partner to license the technology.

Summary TOIT20210719001 Public link Request the address

An Italian startup offers leading-edge eLearning services and tools: instructional design for digital and blended training programs, content development with a SCORM (Shareable Content Object Reference Mode) authoring tool, content fruition with a customizable LMS (Learning Management System) platform. The company is looking for collaboration in product and content development in healthcare and professional training. They are searching partners for technical cooperation and license agreement.

Summary TONL20210906001 Public link Request the address

Dutch SME specialised in off-grid energy generation offers a cost effective zero emission energy solution for offshore applications. The company is looking for companies active in offshore wind- , oil and gas-, aquaculture- or maritime market to integrate this solution into their working process in the framework of a commercial agreement with technical assistance.

Summary TONL20210908001 Public link Request the address

A Dutch SME has developed a sustainable energy plant that uses sun, wind, batteries and intelligent electronics combined with an Impress Current Cathodic Protection (ICCP), an anti-corrosion technology. The company is looking for partners active in constructing offshore wind farms that are interested in an environmentally alternative to diesel generators, harmful coatings and sacrificial anodes, in the framework of a commercial agreement with technical assistance.

Summary TOUK20210831001 Public link Request the address

A UK spin out has launched, and proven, an artificial intelligence (AI) based tool that incorporates experimental and process data and uncertainty. It helps guide organisations to the best possible material or chemical optimisation in around 80% fewer experiments. New materials and molecules have been designed and manufacturing processes improved. Industries with a need for such are sought for commercial agreements with technical assistance and technical cooperation.

Summary TOUK20210727001 Public link Request the address

UK company has developed a new power cycle based on enhanced steam turbine condensing that provides dramatic efficiency increases on a wide range of energy storage and generation applications including thermal electric and hydrogen combustion, geothermal, bio-fuel generation and conventional power plants, reducing associated emissions and fuel consumption. UK company is looking for joint venture, licencing or financial agreements.

Summary TOPT20210920001 Public link Request the address

The Portuguese SME developed an innovative smart plug to convert electric water heaters into smart devices, Wi-Fi connected and smart-grid ready. The advantages of the product are savings for the end user and demand-response services like peak shaving or load-shifting for utilities which helps to solve a renewable energy problem – intermittence of electricity production, offering demand-side flexibility. The company is looking for investors, venture capital or others, to help market the product.

Summary TOLV20210818001 Public link Request the address

A Latvian research centre that is engaged in the commercialization of its own scientific and technical developments is looking for partners for license agreement or spin-off agreement for one of its technologies. It has developed bio-ICT of microbiome data set - and innovative platform where data analysis and recommendations are based on analysis models created by artificial intelligence (AI).

Summary TORO20201013001 Public link Request the address

The SME situated in south-east of Romania provides customized software services and developing applications and has developed a platform that allows the automation of processes in public or private companies. The platform is an innovation by using the techniques of Low code, robotic process automation and Machine learning. They are looking for partners for commercial agreement with technical assistance and joint venture.

Summary TOIT20210817001 Public link Request the address

A non-profit consortium company placed in Genoa (Italy), representing an aggregation of regional companies, is searching for partners to build a consortium in the framework of the call "TWIN-TRANSITION-01-07: AI for sustainable, agile manufacturing".The object of the collaboration is the creation of forecasting systems capable of integrating advanced sensors, mathematical models and heterogeneous data sources using AI algorithms, in order to make forecasts more effective and timely.

Summary TOIT20210818001 Public link Request the address

No-profit consortium company in Genoa (Italy), aggregation of regional companies, is searching for consortia in the framework of the call "HORIZON-CL4-2021-DIGITAL-EMERGING-01-10: AI, Data and Robotics at work". The proposal is the creation of high-level Digital Twin system that can be integrated with AI techniques for the optimisation of industrial processes. Digital Twin is one of the main technologies of Industry 4.0 and allows the definition of a digital model of the production plant.

Summary TOTR20210816001 Public link Request the address

A Turkey based university has developed a hybrid aqueous dispersions of polydopamine-polyurethane-phase change material with photothermal properties. These polymer particles' surfaces are coated with polydopamine. The material can be utilized for functional coatings, adhesives, films, elastomers, membranes and foams. The university is seeking for industrial partnerships from the textile, medical, sterilization, coating sectors under technical cooperation and license agreements.

Summary TOSG20210826001 Public link Request the address

A Singapore SME has developed a video analytics platform capable of transforming images and videos into meaningful data. The technology has a broad range of applications in industries such as manufacturing, smart cities, retail, industrial etc. The SME seeks licensing, technical or research cooperation with SMEs and MNEs. Where possible, it would be keen to leverage the funding programmes between Singapore and France/Germany or the EUREKA Eurostars for the cooperation.

Summary **TOFR20210906001** **Public link** **Request the address**

French start-up founded in 2020 offers state-of-the-art platform to (i) assess posturo-locomotor deficits in aging / CNS eurodegenerative Diseases / Traumatic brain injury/ inner ear diseases; and (ii) identify the cellular or molecular origin of damage. Platform can be used, among others, to evaluate benefit of a compound on vestibular syndrome or test its inner ear toxicity, and identify its target and mechanism of action. The company is interested in technical or research collaboration.

Summary **TODE20210914001** **Public link** **Request the address**

A scale-up company from North Eastern Germany developed a bio-compatible emergency wound dressing that can stop bleeding fast and that allows for a less traumatic follow up treatment. The research oriented company searches for project partners for technology transfer, licensing or advanced development of products for wound care, based on special composites. The cooperation is possible under research cooperation or licensing agreements or by commercial agreement with technical assistance.

Summary **TOES20210727004** **Public link** **Request the address**

A consortium of Spanish and Belgian researchers has developed a technology called Active Noise Equalizer (ANE). The technology has been developed for enhancing the noise control or mitigation experience in premium personal seats, with application in vehicles (train, aircraft, cars, boats, etc.) and home seats. The owners of the technology offer license agreement and technical cooperation.