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BULGARIA

БЮЛЕТИН ТЕХНОЛОГИЧНО КООПЕРИРАНЕ
бр. 11/ 01.12.2021

Summary **TRES20211029001** **Public link** **Request the address**

A Spanish (Basque) SME specialized in engineering and manufacturing medium voltage (MV) and high voltage (HV) switchgears, is looking for a partner to jointly manufacture new and innovative MV/ HV switchgears. The company seeks a partnership under either a license agreement or a commercial agreement with technical assistance. A joint investment agreement could also be an option.

Summary **TRKR20210805001** **Public link** **Request the address**

A Korean company has proven experience in the development of biopharmaceutical products based on technology transfer from a foreign company. The company is looking for companies, research institutions, or universities in EU countries that have innovative technologies targeting mitochondria metabolism, autophagy, or micropinocytosis in KRAS (Kirsten RAt Sarcoma) mutant or wild-type cancer cells under a license agreement or a research cooperation agreement.

Summary **TRNL20211117001** **Public link** **Request the address**

A Dutch manufacturer of fine art paints is looking for innovative technologies, materials and solutions to make tube packaging for paint 100 % recyclable. The aim is to create closed loops and increasing the recycled content. Companies, academics or inventors are sought to provide technologies, alternative materials or other solutions via a technical cooperation agreement. This technology request is part of an innovation challenge.

Summary **TRNL20211008001** **Public link** **Request the address**

A Dutch SME has extensive knowledge of unblocking, inspecting, installing, maintaining and repairing sewers.They also inspect and empty oil and grease separators.The waste products released are recycled in an environmentally responsible way in their own wastewater treatment plants. The SME is looking for technical cooperation partners / SMEs that helps them to extract mineral oil from pre-pressed sludge cake. The SME is willing to conclude a technical cooperation agreement.

Summary **TRIT20211021001** **Public link** **Request the address**

An Italian machinery company with a global presence is looking for start-ups or scale-ups offering innovative IoT solutions for industrial machinery, preferably at TRL 7, to monitor and digitize machinery operativity with the aim to optimize its energy consumption. Partners will work together in the co-development of pilot projects and proof of concepts under technical cooperation agreement. This request is part of an open innovation challenges programme.

Summary **TRIT20211025001** **Public link** **Request the address**

An Italian company with international presence, active in building & construction is looking for start-ups or scale-ups offering innovative techniques, at minimum TRL 4, for the application of waterproofing materials on sloped surfaces such as dams and reservoirs, to optimize the process and reduce waste. Partners will work together in co-development, experiment and pilot projects under technical cooperation agreement. This request is part of an open innovation challenges programme.

Summary **TRUK20211125001** **Public link** **Request the address**

A UK (Scottish) biotechnology company is looking to partner with companies with proven technology and capability in recovery of one or all of the following outputs from by-product streams: 1. soluble proteins, 2. minerals and salts, 3. carbon dioxide.The SME are looking to further valorise the components from its raw material sources. Cooperation is envisioned under either a services, technical cooperation, manufacturing or commercial agreement with technical assistance.

Summary **TRIT20211026001** **Public link** **Request the address**

An Italian company is a major player in machinery manufacturing for the gardening and agriculture sector; they are seeking new technology solutions, preferably at TRL 6, to improve their autonomous grass-cutting and floor-cleaning machines by reducing system redundancies and increasing the machines' energy autonomy. Partners will work together in proofs of concept or pilot projects under technical cooperation agreement. This request is part of an open innovation challenge.

Summary **TRNL20211108001** **Public link** **Request the address**

A Dutch company focusses on the future of hydrogen by developing, producing and marketing a highly efficient industrial alkaline electrolysers (AEL) for producing hydrogen in the power range from 150kW to 50+ MW at a desired purity and with a variable output pressure between 1 bar (14.5 pound-force per square inch or Psi) and 30 bar (435.1 Psi). The company is looking for a partner to upscale production under a manufacturing or technical cooperation agreement.

Summary **TRPL20211119001** **Public link** **Request the address**

A Polish company active in the nano-technology sector is looking for a technology that allows for the production of a protective coating against viruses, bacteria, and pathogens. The coating is intended for places/localizations such as public transport, medical facilities, shopping malls and shops, offices, hotels, public places, educational institutions and so on. The company wishes to cooperate via a license agreement.

Summary **TRES20211117001** **Public link** **Request the address**

A Basque (north of Spain) sanitary services provider has launched a challenge through an open-innovation platform: Reduce the risks derived from treating dysphagia just through diet guidelines and focus on new techniques that are complementary to rehabilitation measures and diets. The organisation envisages a research cooperation agreement to solve this problem.

Summary **TRDE20211028001** **Public link** **Request the address**

A SME from the south of Germany is active in the field of publishing travel guides. For a web supported individual planning of round trips, they are looking for partners in the field of artificial intelligence (AI) or web scraping online. For this purpose, their travel guide content is made available for evaluation and they are looking for a research cooperation.

Summary **TRNL20211025001** **Public link** **Request the address**

A Dutch company which produces washing powders, is looking for technologies, applications and other solutions to cope with the residual stream that remains after sieving the produced detergent powders. Companies, academics or inventors are sought to provide their existing technology or solutions via a technical cooperation agreement.

Summary **TRNL20211105001** **Public link** **Request the address**

A Dutch public library is looking for digital technologies and expertise for indoor navigation which customers can use within their libraries. They use another than usual layout which makes it difficult for visitors to find their way to the books they are looking for. Companies, academics or inventors are sought to provide their existing technology or solutions via a commercial cooperation agreement with technical assistance.

Summary **TRDE20211112001** **Public link** **Request the address**

A German company seeks to push the development and production of novel products for veterinary medicine using additive manufacturing (AM) technologies and applications. The company provides AM equipment, machinery, know-how in AM product development or the set-up of AM production sites. Partners sought are industry insider-founders or well established companies active in the veterinary market willing to adopt AM technologies. Joint venture agreements are sought.

Summary **TRNL20211115001** **Public link** **Request the address**

A Dutch carpentry factory is looking for alternatives for wood for the construction of so called “Tiny Houses”, such as alternative biobased materials, technologies or other circular sustainable ideas. This because of the scarcity of wood at the moment. Companies, academics or inventors are sought to provide alternative materials, solutions or technologies via a technical cooperation agreement or a license agreement.
This technology request is part of an innovation challenge.

Summary **TRNL20211108002** **Public link** **Request the address**

A large Dutch company specialised in real estate suffers from spiders and their webs in their buildings. The company is now looking for a sustainable and animal-friendly solution (technologies, methods or ideas), so that spiders look for another place to make a web. Companies, academics or inventors are sought to provide their own solutions or enhance existing technology via a technical cooperation agreement or a license agreement. This TR is part of an innovation challenge.

Summary **TRNL20211028001** **Public link** **Request the address**

A Dutch municipality with a sustainable future vision, is looking for partners that have bio-based solutions and technologies to make circular products from clean sludge. The sludge will be dredged from the local lake. It is preferable that the partner develops or designs these products, that are going to be produced and used locally. Cooperation is envisaged within a technical cooperation agreement. This request refers to a challenge published on an internet-platform.

Summary **TRIT20211028001** **Public link** **Request the address**

An Italian company is a contractor for renewable energy production plants in Italy and abroad and is looking for innovative agro-energy technologies and methodologies, preferably TRL 5, to combine agricultural and energy production (agro-photovoltaic systems) in their plants. Partners will work together in the co-development of proofs of concept or pilot projects, under technical cooperation agreement. This request is part of an open innovation challenge.

Summary TOES20211103001 Public link Request the address

A Spanish company developed an advanced 3D bioprinting technology for a fast high resolution (1-10 microns) multimaterial biofabrication of tissue engineering constructs. The system was validated for the generation of artificial hard and soft tissues, vascular and for tumor environments on a chip. The company looks for technical cooperation or commercial agreements with technical assistance with partners dedicated to bioengineering, tissue engineering, drug development or regenerative medicine.

Summary TOES20211116002 Public link Request the address

A Spanish university has developed a new protective device for intravenous therapy to avoid accidents or self-harm from patients. The device includes a transparent cover over the intravenous access and a flexible bracelet for securing and fixing such cover ergonomically to the patient's body. Companies in the medical and health-care materials and supplies field are sought to develop applications of the described invention under license agreements.

Summary TOIT20211014001 Public link Request the address

An Italian company has developed and patented an electrical household appliance that has the purpose of automatically cooking one or more bowls of pasta. The main advantage of the invention consists in obtaining a bowl of pasta without the need for a person following each step for pasta preparation. The Italian company is looking for international partners under license agreements.

Summary TOKR20211109001 Public link Request the address

A Korean SME has developed a 3D GIS-based digital twin platform featuring data visualisation and application for smart city. The company is planning to develop the solutions that can monitor and predict pollutants' diffusion by water or wind on the digital twin platform. To apply for Eureka and Eurostars, the company is looking for partners which have expertise in simulation with a physical model of the application and an IoT based measurement system under the research cooperation agreement

Summary TOPL20211020002 Public link Request the address

A leading Polish medical university has developed an innovative enteral flexible film for production of gastro-resistant capsules. It is now looking for foreign licensees that are willing to obtain IP rights to this product together with the descriptions of the method of production in order to introduce it to the market.

Summary TORU20211117001 Public link Request the address

A Russian company from the Kaluga region is developing the technology of mineral coatings. This technology is an anti-friction wear-resistant coating, which is used in metallurgy, shipbuilding, energy, and oil and gas industry. The company is looking for foreign partners under a commercial agreement with a technical assistant.

Summary TOTR20211020001 Public link Request the address

The SME is a technology company specialized in advanced materials (graphene, carbon nanotubes, nanocomposites, special coatings etc.) and biotechnology (genetics, IVD, drug delivery, recombinant DNA technology etc.) and located in Ankara/Turkey. The SME is seeking partners from European countries for development of new products for different industries (aerospace, automotive, composites, medical devices, pharmaceuticals etc.) using advanced materials and technologies.

Summary TOUA20211104001 Public link Request the address

The Ukrainian R&D institute which cooperates with the local community is offering a system of rotation of crops and soil for growing agricultural products. The main advantage is natural support and restoration of soil and high-quality products without the use of mineral fertilizers. The institution is looking for partners to work under a joint manufacturing agreement, as well as for investors to complete a financial agreement.

Summary TOCH20211008001 Public link Request the address

The high-performance coating developed by a Swiss anodiser company provides surface treatment of aluminium alloys for partners who need high corrosion resistance (bubble test or salt spray test).
Parts up to 2000 x 1500 x 500 mm of all standard aluminium alloys can be anodised for protection against wear (tribology) and corrosion, where conventional hard-anodising is not sufficient.
Industrial partners, R&D institutes are sought for manufacturing agreements.

Summary TOFR20210930001 Public link Request the address

A French SME has specialised in designing and manufacturing of very high power and wide band passive components/modules dedicated to radio/satellites communications, radar, electronic warfare or counter measure solutions, as well as specific obsolescence treatment of aeronautic and naval systems to be maintained. The SME offers commercial agreement with technical assistance to develop new components or custom product such as filter, power divider/combiner, coupler, power limiter or rotary joint.

Summary TOGR20211026001 Public link Request the address

A Greek start-up company active in the field of digital fashion develops a multi-brand, 3D, digital platform. The platform connects digital fashion creators directly with their audience. Partners of any size such as NFT (non-fungible tokens) and gaming marketplaces, 3D fashion designers, influencers platforms and fashion media are sought for concluding commercial agreements as well as potential investors for signing financial agreement.

Summary TOES20211025001 Public link Request the address

Spanish SME has developed an AI technology for real time aerial threats (birds, drones...) detection and deterrence. It is offering to create for the client/investor a technology division under license or financial agreement, allowing to the client/investor to have access, to the intellectual property of the company including the source code of the hardware and software of products, manufacture new units of products, develop new functionalities and adjust effectiveness of neural networks

Summary TOES20211110001 Public link Request the address

A Spanish company, specialised in solutions in the field of telecommunications offers customs autonomous smart tags in order to geolocate and measure temperature of products.The tag uses the energy harvesting technology and they do not need any configuration
The company is looking for partners willing to cooperate in the developing of new capabilities of the tags; willing to add this technology to their portfolio in order to complement it; or willing to cooperate under a commercial agreement

Summary TODE20211119001 Public link Request the address

The research group offers multiphysical simulations to support partners in industry and academia during the development or improvement process of green technologies. The group is headed by a physics professor at an Institute of Technology located in Southern Germany. To acquire a better understanding, computer simulations provide many advantages and unique possibilities compared to experimental methods. Thus, the group is looking for partners in a research cooperation agreement.

Summary TOSK20200605001 Public link Request the address

An innovative method of hermetical joining of ultra-thin metal foil to vacuum flange has been developed by a team of inventors from established Slovak scientific and research institutes. By using this solution, it is possible to achieve reliable and reproducible joining of different parts which differ in their dimensions and material composition. The institutes are looking for an industrial partner for licensing the mentioned technology.

Summary TODK20211007001 Public link Request the address

A Danish company has developed a bio-cellulose-based material used to replace fossil-based plastics and synthetic chemicals. The bio-cellulose material is recyclable, biodegradable, compostable, - and made from sugar, which allows the utilisation of potential surplus sugar from the sugar market. In order to bring the product successfully to market, the company is looking for companies in the personal care market, to co-create products under a technical cooperation agreement.

Summary TOES20211116001 Public link Request the address

A Spanish biomedical research network center has developed a new therapeutic strategy for the treatment of pathophysiological conditions which affect skeletal muscle, and is looking to establish license, research cooperation, or joint venture agreements.

Summary TOIT20210428003 Public link Request the address

An Italian research and innovation Institute has developed an innovative cold plasma (ionized gas at ambient temperature) source for biomedical applications, suitable for the treatment of diseases even of extremely sensitive tissues, such as the cornea. The plasma treatment promotes both disinfection and wound healing. Collaboration is sought under license agreement or financial agreement, for the certification of the prototype and its development towards the market.

Summary TOSK20211025001 Public link Request the address

There has been a new innovation developed by the team of researchers at the Slovak university in Bratislava region. The innovative device for more effective disinfection and sterilizationof face masks with plasma activated aerosol is now available for the market. Institution is looking for a commercial partner to license the technology.

Summary TOSK20210908001 Public link Request the address

There has been a new innovation developed by a local private inventor from the Surany region of Slovakia with relation to more efficient drive of compressors which is now ready for commercialization. The inventor is looking for a partner to license the technology with the aim to commercialize it.

Summary TOTR20211005002 Public link Request the address

A researcher from a reputable university located in Izmir, has developed a novel method that enables diagnosis of breast cancer at an early stage. This method enables the detection of tumor before metastases and helps medical practitioners to decide on corrective actions and eliminates unnecessary dissections or surgical interventions. Research cooperation agreement with an industrial partner in pharma sector is sought to carry out clinical operations leading to an industrial prototype.

Summary TOPL20211020001 Public link Request the address

A leading Polish medical university has developed an innovative fluorescent dye for visualization of biological samples which is characterized by a wider range of applications in the examination of such samples than other dyes available. The university is now looking for foreign licensees that are willing to obtain IP rights to this formula and introduce it to the market.

Summary TONL20211102001 Public link Request the address

A Dutch company that has developed cost effective green stadium heating is looking for stadium seat manufacturers who would like to extend their product line and offer more luxurious seats to their clients. The company's solutions can replace conventional heaters running on gas. The company would like to collaborate under a commercial agreement with technical assistance.

Summary TOUK20211008001 Public link Request the address

A UK startup is sharing demonstrators of a novel bistable smart window technology that only needs power for switching. The optically superior film is highly customisable. Technical cooperation is sought with manufacturers of smart windows and display cabinets.

Summary TOIT20211029001 Public link Request the address

An Italian research institute specialized in food authenticity and experienced in EU research projects seeks partners to join a Horizon Europe Cluster 6 project proposal for the call "Effective systems for authenticity and traceability in the food system (HORIZON-CL6-2022-FARM2FORK-01-11). The Institute's competence in food authenticity covers the seafood sector, meat and dairy products, honey, oil and wine. A research cooperation agreement is sought.

Summary TOLV20211108001 Public link Request the address

A Latvian university is engaged in the commercialization of its own scientific and technical developments. Among them the University provides the technology to develop advanced biodiesel from residual soap stock (SS) of oil production set. Partners are sought to conclude a license agreement.

Summary TOUK20211020001 Public link Request the address

The UK agri-tech company founded in 2010 has developed a patented technology to produce artificial seeds for crops that do not produce seeds. They specialise in high yielding perennial grasses. They are looking for licensing partners globally, to either establish bio-factories to produce for their own use, or to distribute to others.

Summary TOIT20211029002 Public link Request the address

An Italian association of companies, partner of the Horizon 2020 project “NewSkin: Innovation Eco-system to Accelerate the Industrial Uptake of Advanced Surface Nano-Technologies” offers up-scaling and testing facilities for the validation of innovative processes to manufacture nano-enabled industrial and consumer products. Eligible entities include enterprises and R&D organizations. The association is open to technological or research agreements.

Summary TOPT20210923001 Public link Request the address

A private Portuguese systematic innovation R&D company, based in Lisbon, has been developing the novel patent-pending drive assembly for providing a natural walking input, that is compact, ergonomic and integrates with the components of the bicycle industry. It offers the technology to industrial and/or commercial companies for a license agreement for technology transfer, and/or a manufacturing agreement and/ or a joint venture agreement for technology exploitation.

Summary TODE20211111001 Public link Request the address

A German start-up developed a cloud-based e-marketplace platform suite. The start-up is looking for licensees in European countries for the marketplace infrastructure interested to operate online marketplaces in a specific region or country. Different showcases for Farm-to-fork solutions or for local/regional delicatessen or even used building materials have been implemented. The e-marketplace suite offers modularised functions to ease the processes for operators, vendors and customers.

Summary TOES20211119001 Public link Request the address

A Spanish company specialised in the design, production, commercialisation and maintenance of machinery and accessories for precast concrete offers design, production, delivery, installation and post-sale services. The company, which is already present in different markets such as North Africa, Middle East, Europe, Russia and South America, is looking for new commercial agreements with technical assistance.

Summary TOIT20211026001 Public link Request the address

An Italian company has developed a platform that takes advantage of the development of IoT and AI to reduce the impact of water wastage in the supply network. The IT platform can be useful for customers and the administrator of the water supply network, allowing monitoring of water consumption, and detecting possible anomalies, such as malfunctions in pipes, water thefts, among others. It offers technological partnership, services in subcontracting and licence agreement.

Summary TONL20211126001 Public link Request the address

A Dutch SME has developed a platform to visualize data for analytics and communication. This interactive dashboard is offered for licensing and can be integrated into other products. It can be installed or used in the cloud and offers everyone the possibility to make their own interactives without the need for programming skills. Cooperation is offered in the frame of licensing, commercial agreement with technical assistance or technical cooperation.

Summary TOES20211118002 Public link Request the address

A Spanish IT company offers an advanced technology that allows the optimization of fleets and routes. It calculates optimized routes for each and all of the vehicles in the fleet, satisfying the defined constraints (e.g. characteristics and number of vehicles, time, kilometer) and optimizing the objectives (deliveries, visits, cost minimization etc). The SME looks for industries or companies with logistics needs to establish license agreement or commercial agreement with technical assistance.

Summary TOSE20211110001 Public link Request the address

A Swedish SME has developed a ground-based heating/cooling system as a source for climate control of an aircraft cabin. Key findings show at least 40% less total energy use than other air condition units for parked aircrafts. They are looking for airports in the central or southern parts of Europe aiming at transforming their energy supply from fossil to renewable energy with focus to show best practice of climate conditioning. Commercial, technical or R&D cooperation agreements are foreseen.

Summary TODE20211124001 Public link Request the address

A German university offers a technology to print the conduits submerged in dense non-miscible solvents, such as fluorocarbons. It is characterised by a superior performance compared to conventional methods: Viable cells were shown 24 hours after the printing process, as well as after 21 days in culture. Industrial partners are sought for licensing agreements.

Summary TODE20211112001 Public link Request the address

A German university offers a hardware-based security module that enables authentication of common information processing devices without having to modify them. It can be used for bluetooth, Wifi, near field communication (NFC), zigbee applications or proprietary data transmission systems, as well as for mobile devices such as smartphones and tablets. It is more tamper-proof than previous encryption solutions. Licensees are sought.

Summary TOES20211014003 Public link Request the address

The Spanish contract research company, based in Madrid, is providing R&D services for the development and manufacturing of new compounds and processes. The SME counts with experienced staff and a new modern plant that ensures high levels of expertise and efficacy. The company is looking for new research cooperation and/or manufacturing agreements with pharma and biotech companies.

Summary TOIT20211019001 Public link Request the address

The Italian company is an highly innovative SME working on Climate Services in different economic sectors, with a main focus on the infrastructure and insurance markets. The company, with a great experience in climate-related risk assessment, designs climate risk products based on different climate data sources. It is looking for new partners for financial agreements and commercial agreements with technical assistance.

Summary TOIT20211025001 Public link Request the address

An Italian research group is developing an innovative technology capable of identifying chemical substances at trace concentrations (below parts-per-million), even in case of a complex matrix of interfering species. This is achieved by coupling of a microsystem-based gas chromatographic (GC) system with a miniaturized quartz-enhanced photoacoustic spectrometer (QEPAS). The researchers are looking for: financial; license and research cooperation agreements.

Summary TOIT20211026002 Public link Request the address

An Italian research team developed a new therapeutic use of botulinum neurotoxin type A (BoNT/A) for functional recovery after spinal trauma in a preclinical model. A single spinal injection of BoNT/A, one hour after trauma (in the acute phase), reduces inflammation, preserves neurons from cell death and promotes regeneration leading to complete functional recovery from paralysis and to the restoration of spinal sensitivity. Technical, research, licensing and financial cooperation are sought.

Summary TOIT20211104001 Public link Request the address

An italian research team has developed an innovative protective mask that adapts totally to the user's face. It has an upper part with a transparent visor to protect the eyes of the wearer and a lower part with a filtering portion to breathe. The mask could be used in medical field and in all areas of possible social overcrowding to avoid the spread of infective virus. The team is interested in licence, manufacturing, and technical cooperation agreements.

Summary TOIT20211115001 Public link Request the address

An Italian research team proposes a technology in the field of water/wastewater treatment. It provides new macroporous superabsorbent polymeric materials able to remove toxic contaminants from water and soil. Compared to the polymeric systems already known, the proposed material shows a high and improved sequestering and adsorbing capacity. To develop a new filtering device ready for the market, the team is looking for technical, financial, license or joint venture cooperation agreements.

Summary TODE20211020001 Public link Request the address

A German SME has developed a camera system for the reliable foreign object detection in multihead weighers that detects bodies independent of material. As the system can be used at sub-zero temperatures, it is also suitable for frozen food production. License agreements and commercial agreements with technical assistance are sought.

Summary TOIT20200228001 Public link Request the address

An innovative Italian SME, focused on environmental sustainability solutions, has developed a data-driven system providing an original approach to improve material recycling, reducing extraction of primary resources and leading to circular economy and environmental sustainability of the electronics industry. Research agreements, joint venture and technical cooperation agreements are sought.

Summary TODE20211116001 Public link Request the address

A German university developed an optimised amplifier circuit in the field of electric power transmission for e.g. electric vehicles and charging stations. The circuit makes it possible to ramp up the amplifier to its operating point rapidly and with low noise. Licensees are sought. A technical co-operation agreement is also offered to industrial partners.

Summary **TODE20211027001** **Public link** **Request the address**

A German university offers a solution for standardised quantitative diagnosis of sleep bruxism. It is user-friendly and the first bite film was validated in clinical studies. The device is worn by the patient like a night splint and combined with an automated evaluation software. This facilitates monitoring of bruxism activity and personalised therapy planning. Partners are sought for license agreements.

Summary **TOPT20211012001** **Public link** **Request the address**

The Portuguese company operating in the development of renewable energy equipment has developed an urban wind utilization unit for the production of electrical energy to be installed in buildings. The SME needs a partner to take this specific and innovative technology project to the commercialization stage through a joint venture agreement.