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BULGARIA

БЮЛЕТИН ТЕХНОЛОГИЧНО КООПЕРИРАНЕ
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1 **Summary** **TRBA20210721001** Public link Request the address

The company from the Republic of Srpska, Bosnia and Herzegovina is one of the major producers of concrete elements (production of concrete, concrete blocks and concrete pipes) in the Bosnian market. It is looking for technologies for the development of melting of concrete under research / technical cooperation agreements.

3 **Summary** **TRCH20210812001** Public link Request the address

Swiss SME is looking for a board manufacturer that produces or a research & development partner that develops an open-pore, air-permeable, flame retardant, lightweight board. The board size is approximately 3.0 m x 1.2 m. The product can be redeveloped or delivered as already existing board material. It will be used in the building industry. The SME seeks a partner for a manufacturing or a technical cooperation agreement possibly including development.

4 **Summary** **TRAT20210804001** Public link Request the address

An Austrian company develops a system for the automatic information retrieval out of contract documents and the linkage to corresponding business processes. It is looking for companies which are manually dealing with large numbers of similar contracts (supplier, maintenance, service...) in German or English. These shall be used together with the know how in connected business processes in the course of the development. A technical (and subsequent research cooperation: HEU proposal) is envisaged.

5 **Summary** **TRAT20210806001** Public link Request the address

An Austrian company wants to develop an automated pipeline welding system for uneven construction sites. It is therefore looking for a suitable ready-made or near to market detection solution, which is able to detect small variations in edge offsets and welding gaps around the circumference of steel pipes with diameters with more than 600 mm. The system should provide an interface to the welding hardware and should be robust and easy to handle. Partners are sought for a technical cooperation.

6 **Summary** **TRNL20210804001** Public link Request the address

A Dutch hospital is a major care provider in its region and besides investing in medical care facilities it is also involved in contributing to a sustainable environment and society. The hospital is looking for technologies enabling the harvesting of energy at windows of hospital's high-rise buildings and rooftops/facades while simultaneously reducing the heat. The hospital is interested in concluding a technical cooperation agreement. This request is part of an open innovation challenge.

7 **Summary** **TRCL20210803001** Public link Request the address

A Chilean company dedicated to the generation of electric power is looking for European companies specialized and with experience in inductive charging providers to electric cars. They want to find technology and expertise for the automatization of this charge. The company wants to establish a commercial agreement with technical assistance. They are also open to research cooperation.

8 **Summary** **TRNL20210808001** Public link Request the address

Dutch internationally mattress cover knitting company, is producing 5-6 million running meters of cloth a year. Quality checks are still done by the human eye. However, to come to an earlier error detection and less fabrics rejection, the company is looking for an automated optical technology, which controls and analyzes knitted fabrics in different production stages. A technical cooperation agreement is aimed for. This request refers to an innovation challenge published on an open platform.

9 **Summary** **TRNL20210517001** Public link Request the address

A Dutch start-up has developed a water passing tile. The tile is a circular and climate-adaptive product and is made from dredged sediments. Rainwater can still seep into the ground, so heavy rains don't cause sewer systems to overflow and streets to flood. The company is looking to upscale production of the tile and looking for manufacturing partners, with expertise and specific technology for co-development. The company offers a manufacturing and/or technical cooperation agreement.

10 **Summary** **TRPL20210816001** Public link Request the address

A Polish association, acting on behalf of its member, looks for an oxygen-barrier monomaterial film intended for the MAP (modified atmosphere) packaging of thin dry smoked pork sausages. The film must be safe for food contact, form a hermetic packaging (100% airtight), keep products fresh for no less than 120 days and fit vertical and horizontal flow pack machines. The commercial agreement with technical assistance or the technical cooperation agreement are requested.

11 **Summary** **TRNL20210804002** Public link Request the address

A globally supplying Dutch manufacturer of lashing fittings for heavy load transport aims to enable its client in more efficient and safer working. In addition to the supply of lightweight synthetic lashing chains it wants to offer lightweight lashing tensioners. Therefore the company is looking for technology and/or engineering partners to develop such a tensioning device within the framework of a technical cooperation agreement. This request is part of an open innovation challenge.

12 **Summary** **TRNL20210812001** Public link Request the address

A Dutch healthcare company provides rehabilitation consultation and intervention to children with severe physical disabilities. The company is looking for alternative methods of operation (e.g. eye or touch control) in order to determine the intelligence level of the child with severe physical disabilities. Companies, academics or inventors are sought to provide their own solutions or enhance existing technology via technical cooperation agreement.

13 **Summary** **TRUK20210708001** Public link Request the address

UK IT company has developed a mobile app that tracks weather and the impact it has on long term health conditions and chronic pain. Users will receive real-time, personalised weather forecasts that are tailored to their medical conditions/symptoms. The company is looking for academic or research partners to assist the development of a second beta product and data privacy. They are interested in technical or research cooperation agreements.

14 **Summary** **TOAT20210805001** Public link Request the address

An Austrian SME develops sensor solutions consisting of multiple autonomous, thin and flexible sensors for precise ice detection and temperature measurement on rotor blades. This innovative, retrofittable product increases the energy yield of wind turbines and ensures their safe and optimal operation. Cost savings arise due to increased efficiency and a reduction in on-site inspections. The SME seeks partnerships for licence, technical and commercial agreements with technical assistance.

15 **Summary** **TODE20210406001** Public link Request the address

German research institute working in the field of energy management (EM) offers software tools for optimisation of energy consumption of industrial processes or buildings by means of intelligent control. Long-term partnership is considered with industrial partners in terms of technical cooperation, research cooperation, license agreement and/or commercial agreement with technical assistance.

16 **Summary** **TODE20210728001** Public link Request the address

A German university institute is active in the fields of mechanical engineering and production technologies. They discovered a novel process for the continuous grinding of rotationally symmetrical cutting tools, which can be applied in the production of cutting tools. In order to introduce the patented invention to the market, the institute is now looking for industrial partners, who are interested in a license- or commercial agreement with technical assistance.

17 **Summary** **TOES20210727001** Public link Request the address

A Spanish public entity linked to the public health sector offers a small, light and compact water rescue device to be worn as a snug waist bag by the lifesaver, that incorporates a self-inflating mechanism, generates no resistance for swimming and leaves the lifesavers hands free to carry out preventive lifesaving tasks. The product is already developed and freely available for any entity interested in manufacturing and/or improving it under a manufacturing or technical cooperation agreement

18 **Summary** **TOES20210803001** Public link Request the address

A Spanish company has developed a solution for an integral management and decision-making support of tumour boards in hospitals, that includes centralisation of all information in one place, patient follow-up, decision support system using artificial intelligence and machine learning, patient application and analytics tools to follow-up the board's activities. The company is looking for health institutions treating cancer patients interested in acquiring the license to use the technology.

20 **Summary** **TOJP20210803001** Public link Request the address

A Japanese company specialised in the manufacturing of thread rolling machinery is looking for partner in the EU to license out their anti-loosening bold technology which is the only one of its kind in the industry. The technology has the potential to vastly reduce maintenance needs and increase safety. Therefore, the Japanese company would like to have a mutually beneficial license agreement with EU partners.

21 **Summary** **TOKR20210730001** Public link Request the address

A Korean company has developed VR based therapeutic contents for various types of mental or cognitive disorders. Combining graphene sensors, this solution matches automatically to the user's condition and provides non-drug, non-face-to-face, and low-cost psychiatry VR therapy at home. This company is looking for partners under technical cooperation agreement or research cooperation agreement.

22 **Summary** **TORU20210723001** Public link Request the address

A Russian company is engaged in the development of water purification technologies for various industrial purposes. The technology includes innovative sorbents of their own origin. The products are finely dispersed sorbents obtained as a result of the chemical reaction of natural aluminosilicate with organic compounds. The company is looking for foreign partners to conclude manufacturing agreements.

23 **Summary** **TORU20210730001** Public link Request the address

A Russian company is engaged in the development of advanced technologies in the medical field. The organization develops new technology for the system of oral administration of medicines into the blood. The system is designed to be used in combination with medications that otherwise have low oral bioavailability. The company is looking for new partners from the medical field to conclude the commercial agreement with technical assistance or research cooperation agreements.

24 **Summary** **TORU20210804001** Public link Request the address

A Russian university develops innovative solutions in the field of wastewater treatment. The university has developed a water purification technology using innovative reagents-flocculants. Using them in the production and technological process will allow enterprises to reduce costs, energy intensity, and labor intensity of production. The university is looking for foreign partners to conclude a commercial agreement with technical assistance.

25 **Summary** **TORU20210804002** Public link Request the address

A Russian institute has developed an innovative technology for the production of micro-fertilizers to improve plant growth. The developed fertilizer is especially effective in restoring actively cultivated and/or depleted soils. It creates favorable conditions for the growth of the microbiota, which enters into symbiosis with plants. The institute is looking for foreign partners to conclude a commercial agreement with technical assistance.

26 **Summary** **TOSG20210701001** Public link Request the address

A Singapore SME has developed a real-time monitoring system leveraging hardware-based artificial intelligence to detect and alert abnormal behaviours from the elderly while using existing devices such as CCTVs and pressure sensors. The SME tech owner would like to seek license agreements with SMEs or MNEs with a view to commercialisation or possibly find any co-innovation funding calls, if applicable.

27 **Summary** **TOCH20210818001** Public link Request the address

A Swiss SME is applying a technology which uses a new valid approach for analyzing and benchmarking digital markets through extracting search volume data in real time (14'103 channels worldwide; search engines, social networks and e-shops). Results are used for user centric digital transformations, platforms, strategy, evaluations and campaigns assuring digital impact based on reliable data replacing classical market research for any industry. Mutual

28 **Summary** **TOCH20210817001** Public link Request the address

Swiss SME offers expertise and a SaaS solution using state-of-the-art deep learning models that allow users to generate synthetic data. The data is then truly anonymous but can still be used for data insights, analysis and internal/external sharing while staying compliant with privacy regulations. The company is interested in research cooperation agreements (Horizon Europe) and commercial agreements with technical assistance.

29 **Summary** **TOIT20210721001** Public link Request the address

An Italian company offers a technology to provide divers with an augmented visualization of the actual condition and of a hypothetical 3D reconstruction of the archaeological remains. The technology is the first attempt in using the augmented reality in underwater environments for recreational diving activities and in particular for the exploitation of underwater archaeological sites. They offer license, research cooperation and commercial with technical assistance agreements.

30 **Summary** **TOUK20210520001** Public link Request the address

This UK software company has developed a programming tool which compiles, runs, and debugs the code that users are working on to give instant feedback side-by-side with their favourite editor. The company seeks a commercial agreement with technical assistance. The programming tool enables users to watch how their code behaves as they write it. The main advantages of this are that it enables faster iterations, fewer errors, and an improved understanding of the code itself and how the code works.

31 **Summary** **TOSG20210629001** Public link Request the address

A Singapore SME has developed a circular solvent-free mechanochemical bio-refinery technology to achieve in a one-step production process from aquatic waste to valuable biomaterials and biochemicals, which is efficient, cost saving and environmentally friendly as compared to conventional methods. The SME seeks licensing or technical cooperation partnerships with venture partners, MNEs or SMEs.

32 **Summary** **TOUK20210625001** Public link Request the address

A UK-based SME has developed a novel coating technology with anti-bacterial and anti-viral efficacy. Applied to filters it enables filtration and inactivation of bacteria and virus. Developed for face masks the company will further develop and scale the technology. Currently working with a UK research institute and other research organisations they are looking to join a Horizon Europe research consortium with the partnership envisaged as a research and cooperation agreement.

33 **Summary** **TODE20210708002** Public link Request the address

A German research institute based in Munich, offers project support services, expert counselling and reviews on visual computing, which solves real-world problems in advance across many industries. Virtual 3D models provide clear insights into complex systems and provide economic benefits in e.g. urban planning or smart cities. Public funding agencies, public institutions and companies are sought for joint research cooperation.

34 **Summary** **TODE20210819001** Public link Request the address

A German SME develops a multi-application 2nd life battery storage and fast charging system to foster e-mobility. The integrated system enables new business models on an innovative technological basis which also works in areas with poor grid infrastructure, e.g. rural areas. The company looks for partners for technical cooperation agreement in the fields of battery module reconditioning and affiliated manufacturing technology, power electronics, battery & energy management systems.

35 **Summary** **TOSK20210316001** Public link Request the address

Established Slovak scientific research institute has developed a highly effective composite sorbent for the removal of contaminants from water for drinking purposes. These are mainly heavy metals such as arsenic, antimony, chromium, cadmium, lead and others. The composite sorbent can be also used in wastewater treatment, including wastewater from chemical and electronic industry. The cooperation types they would like to cooperate via is license agreement.

36 **Summary** **TOIT20210714002** Public link Request the address

SME based in North-eastern Italy has developed an innovative diagnostic device, conceived as a Point Of Care test for measuring total bilirubin concentration in whole blood samples from newborns. The companies is willing to get in contact with SMEs and R&D institutions to improve the technology currently used, in the frame of research, technical cooperation and manufacturing agreements.

37 **Summary** **TOFR20210728001** Public link Request the address

The French biotech company is specializing in botany and phytochemistry. The SME is providing R&D services to actors of the plant industy to assess the product's safety and analyze the active ingredients. The team of phamacologists, botanists and toxicologists has also experience in the product development and scaling up processes. The company wants to expand and start new research cooperation agreements in Europe.

39 **Summary** **TODE20210603001** Public link Request the address

A German institute for applied research, active in the field of translational biomedical engineering, has developed a novel inhalator platform with a breath triggered drug release system for (preterm) neonates, enabling highly efficient inhalative delivery of medication. The technology offer also includes a related test bench for characterising the new inhalator platform. The research institute is looking for partners under a research, licensing or commercial agreement with technical assistance.

40 **Summary** **TODE20210723001** Public link Request the address

A renowned German university institute is active in the field of measuring and control technologies. The institute developed a novel process for the predefined adjustment of individual sensors and bridge circuits. With this process, the sensors can be specifically adjusted to a predefined value even during a production process. The institute is looking for research cooperation partners and suitable industrial partners for the licensing of the patented invention.

41 Summary TODE20210802002 Public link Request the address

A German university institute developed a novel device and method for the diagnosis and treatment of hearing disorders. The technology is a miniaturized device which determines the activity of the half-cell channel connexin 26 (Cx26). Cx26 is a crucial protein for human hearing quality. The method enables a visualization of mutations, affecting the activity of the half-cell. The university is looking for collaboration partners under a license or commercial agreement with technical assistance.

42 Summary TODE20210721001 Public link Request the address

A research institute at a large German university developed a patented, novel imaging optical system for contactless dermatological diagnostics, which visualizes diagnostically relevant information such as disease characteristics of the skin and links these with corresponding overview images for localization and documentation. The university institute is looking for collaborations under a licensing or commercial agreement with technical assistance.

43 Summary TODE20210812001 Public link Request the address

A German university institute active in the fields of optical systems, photonics and laser technology developed a patent-pending laser Liquid Crystal on Silicon (LCoS) headlamp which can significantly increase traffic safety and driving comfort. The invention produces high-energy white light in front of vehicles in combination with chromatic images and projections on the road surface. The institute is now looking for licensees for the patent-pending invention.

44 Summary TODE20210729001 Public link Request the address

A German university has developed a new method that makes biosensors faster and up to 10 times more sensitive than current ones. Applications are among others in diagnostics. The university offers a license agreement to industrial partners active in sensor production and diagnostics.

45 Summary TOPL20210809001 Public link Request the address

A Polish medical university has designed and produced a surgical instrument that is used for the surgical treatment of scoliosis. As it is ready to be introduced to the market, the university is looking for commercial and license agreements with foreign partners worldwide.

46 Summary TOUK20210719001 Public link Request the address

A UK company has developed a realistic and dynamic digital simulation relating to the basics of business finance. The company combines a deep experience of financial game simulations with a unique digital platform and together with a collaborative partner have created a product which brings learning to life in a fun and impactful way. It is looking for international partners under licensing agreements or commercial agreements with technical assistance.

47 Summary TODE20210802001 Public link Request the address

A research team of a German University of Applied Science would like to participate in projects under the Horizon Europe's Africa Initiative and/or enter in direct cooperation with companies. The team is specialised in research for Doing Business in Africa. In a comprehensive approach, new profitable business models and strategies are identified and developed along the whole value chain, also having potential to foster Africa's development. Cooperation could be under a research agreement.

48 Summary TOUK20210810001 Public link Request the address

A UK company has developed and validated a robotic platform crawling complex underwater objects such as ship hulls, turbine foundations etc. It carries built-in and optional tools for weld inspections, monitoring, water jetting, maintenance etc. Businesses and departments doing inspection and maintenance jobs in oil and gas, wind and ship care sectors are sought for commercial agreements with technical assistance.

49 Summary TODE20210805001 Public link Request the address

A young German company has developed an IT tool for the analysis and optimization of manual processes in hospitals, logistics or production sites. Wearable sensors and artificial intelligence allow for the automated monitoring and analysis of work processes. Advantages are time and cost savings and improved working conditions. Partners sought are companies from the mentioned sectors or respective service providers for commercial agreements with technical assistance or license agreements.

50 Summary TOHU20210816001 Public link Request the address

Pre-clinical Hungarian CRO offers dry powder inhalation exposure technology for pre-clinical pharmacokinetics (PK) and pharmacodynamics (PD) studies. The service allows the requestor to assess the efficacy of his active pharmaceutical ingredient (API) on a pulmonary animal model following acute or repeated nose-only dry powder inhalation administration. The company is looking for partners for research or technical cooperation.

51 Summary TOLV20210805001 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 agreements for one of its technologies. The company provides a set of molecular tests for breast cancer diagnosis that will help doctors make treatment decisions and monitor the progress of treatment.

52 Summary TOBG20210722001 Public link Request the address

Bulgarian SME developer and manufacturer of innovative natural botanical extraction systems producing a higher yield in shorter time is searching for a partnership under commercial agreements with technical assistance. Producers of oils, food ingredients and also re-sellers are sought for introducing the system and developing specific applications.

53 Summary TOPT20210727001 Public link Request the address

The Portuguese SME developed an innovative and disruptive technology unit for solar panels, promising to increase production of clean energy and consequently profit. The SME is looking for large companies that produce electronic components, companies that produce products for solar energy that seek to increase their portfolio, or companies that generate renewable solar energy wanting new technology incorporation, for license, commercial or manufacturing agreement.

54 Summary TOES20210727002 Public link Request the address

A Spanish multidisciplinary university has developed a new device that allows to replicate in vivo the clinical conditions of application of percutaneous electrolysis using in vitro needles, effectively separating the cathodic (therapeutic) effects from those produced at the anode. It allows to carry out controlled tests on different microorganisms, cells or tissues, simulating specific clinical conditions with the use of different types of needles. They seek a license agreement.

55 **Summary** **TOBE20210805001** Public link Request the address

A Belgian SME, active in plasma technology, is developing a new coating technology for deposition of truly biocidal nanocoatings in one single step. It is a dry and clean coating process that can be applied both on three-dimensional (3D) products and roll-to-roll (R2R) substrates. The company is looking for suppliers of complementary technologies and/or potential end users to further develop and scale this new coating technology under a research or technical cooperation agreement.

56 **Summary** **TONL20210720001** Public link Request the address

A Dutch SME is specialized in programming industrial robots in combination with machine vision. The extensive practical expertise and in-depth knowledge is of great value for smaller system integrators and machine builders with limited budgets. The SME is interested in a commercial agreement with technical assistance to machine builders and system integrators that need programming assistance for the robot – machine vision application.

57 **Summary** **TOSG20210729001** Public link Request the address

A Singapore based SME has developed silver nanowire-based technology as a coating material for the fabrication of conductive, flexible and transparent substrates, which is suitable as an indium tin oxide (ITO) replacement. The technology provider is interested in licensing, research cooperation or commercial agreements with technical assistance with SMEs and MNEs of all sizes, especially with companies from Germany or France, to jointly participate in joint innovation opportunities.

58 **Summary** **TOSG20210729002** Public link Request the address

A Singapore based SME has developed copper-based inks for printing on printed electronic circuits that are a potentially cheaper alternative to conventional conductive silver inks. The technology provider is interested in licensing or commercial agreements with technical assistance with SMEs and MNEs of all sizes—especially with companies from Germany or France - to jointly participate in joint innovation opportunities.

59 **Summary** **TOTR20210812001** Public link Request the address

A Turkey based university has developed a new a composite leaf spring system for suspension systems of vehicles. It can be used for EVs, trucks, trails, military vehicles, train wagons where lightness, thermal loads and corrosion affects are important. The product can be easily applied and it is more durable than steel under heavy loads.

The university is seeking industrial partners from EVs, automotive, composite, logistics sectors under technical cooperation and licensing agreements.

60 **Summary** **TODE20210730001** Public link Request the address

A German university offers nanoparticles for cell-type specific therapeutic delivery of small interfering ribonucleic acids (siRNA) and other effector drugs. This is a more efficient option in oncology treatment that can target different cell types. Companies with a focus on oncology are sought for license agreements.

61 **Summary** **TODE20210802003** Public link Request the address

A German company from the water industry offers an innovative solution that makes ideal use of large-volume channels for stowage space, flood protection and flow control and that also removes the sediments settled in the channels via flushing waves. The pollution in the receiving waters is thus reduced. Partners are sought for commercial agreements with technical assistance.

62 **Summary** **TOES20210728003** Public link Request the address

A Spanish private network of hospitals with a large multidisciplinary team and the most advanced technology, seeks a consortium to participate in the HORIZON-HLTH-2021-STAYHLTH-01 call or other relevant European programmes. Their strengths are diagnosis, ophthalmology, oncology and surgery. Cooperation and research agreements are searched.

63 **Summary** **TOES20210728001** Public link Request the address

A Spanish Group of entities supporting a city hall in urban and environmental initiatives is involved in a project to prevent the contamination of the Mediterranean with the wastes coming from the rainwater discharged in a riverbed in their area. They search for partners to share the knowledge and results of the current project in order to implement them in other Mediterranean ecosystems and generate new project ideas to collaborate under a research or technical cooperation agreement.

64 **Summary** **TOIT20210803001** Public link Request the address

An Italian SME working in the customization of Heating Ventilation and Air Conditioning (HVAC) and refrigeration systems for the marine and military sectors is looking for partners for a joint venture agreement to realize a new customized cooling system for vehicles and telecommunication devices operating under heavy conditions.

65 **Summary** **TODE20210729003** Public link Request the address

A German university has developed a process in which selective oxidations for the synthesisation of materials are possible under non-hazardous conditions. On the one hand, one can rely on the specificity of the oxidation by corresponding enzymes, on the other hand, one avoids dealing with hydrogen peroxide as a residue. The university offers a licensing agreement and, if desired, a research cooperation agreement.

66 **Summary** **TODE20210729002** Public link Request the address

A German university has developed a charge-sensitive amplifier whose sensitivity and bandwidth are about 50 times higher than conventional amplifier circuits and which does not require cooling like other approaches. The university offers a license and a research cooperation agreement.

67 **Summary** **TOES20210722002** Public link Request the address

A Spanish research centre with a long-qualified experience in the characterization and development of antimicrobial, antiviral and antifungal surfaces, and having supported companies in the improvement of their products concerning those properties, would like to join consortia to participate in proposals for the topic “Antimicrobial, antiviral and antifungal nanocoatings” (RIA) HORIZON-CL4-2021-RESILIENCE-01-02 or another research collaborations under a research partnership agreement.

68 **Summary** **TOES20210701001** Public link Request the address

A Spanish construction company, asphalt mixes producer with own quarries and experienced in EU projects, is looking for partners for a proposal to be prepared for Horizon Europe “HORIZON-CL4-2022-TWIN-TRANSITION-01-17: Integration of hydrogen for replacing fossil fuels in industrial applications (IA)”. The company will act as a demonstrator and they look for partners and a coordinator for the consortium (hydrogen suppliers, R&D centres, communication management, other demonstrators…).

69 **Summary** **TODE20210804001** Public link Request the address

A German diagnostic SME has developed an auto-fluorescence analyser for non-invasive and invasive medical applications. The technology is based on a real-time measurement of the NADH enzyme. The functional prototype can detect the oxygen level and the vitality of the tissue, which is relevant in many diagnostic contexts, also in COVID infections. The SME is looking for partners interested in production and marketing within a license agreement or commercial agreement with technical assistance.

70 **Summary** **TOES20210618002** Public link Request the address

A Spanish university has developed a new technology aimed at obtaining rockrose extracts with high antioxidant capacity due to their levels of polyphenols and flavonoids, through the use of fluids in conditions below their critical point (subcritical conditions). The type of associations sought are license agreement with any size SME or MNE from pharma, food or chemical sectors.

71 **Summary** **TOES20210728002** Public link Request the address

Two Spanish universities have registered a new accessory that allows controlling the visual and body posture of whoever wears it, including a vibration sensor as a warning system. The types of association sought are license agreement and/or manufacturing agreement with any industry size, private or public authorities.

72 **Summary** **TOES20210727005** Public link Request the address

Spanish university researchers have patented a gypsum-based material that improve properties for construction, especially as coating where high fire resistance is required. This material is made up of iron and steel industry waste so its resistance and durability are guaranteed, as well as a high degree of performance, implementation and resistance to fire. The types of association sought are license agreement and manufacturing agreement with any industry size, academia or R&D institutions.

73 **Summary** **TOES20210610001** Public link Request the address

Curved poles rotor with agglomerated permanent magnets for synchronic three-phase motors, increasing torque and performance more than a 20% against known electric motors with rectangular poles, are offered by a Spanish research group under license and manufacturing agreement.

74 **Summary** **TOES20210611001** Public link Request the address

A method based on the use of cross-linked copolymers membrane, which act as colorimetric sensors, for the detection and / or quantification of divalent metals: mercury [Hg (II)] and copper [Cu (II)]; and anions: nitrite (NO_2^-), is offered by a Spanish research group under license and / or manufacturing agreement. This patented method is applicable in different matrices, both aqueous mediums and food products.

75 **Summary** **TOES20210729001** Public link Request the address

Spanish university has developed a web application, which allow draw conclusions about the transport or logistics processes that are currently implemented, and the prediction of the conditions of the trips in the near future, being able to plan or anticipate different situations allowing an optimization of their activities. The types of association sought are lincensed, financial or commercial agreement with industry, academia and R&D institutions in the sectors of logistic, transport or courier

76 **Summary** TOES20210322001 Public link Request the address

Researchers from a Spanish university have developed two self-compacting concrete with recycled concrete sand and gravel, one with low retraction, characterised by its composition bases on Portland cement as the first binder, ground granulated iron and steel slag as the second binder, and white ladle furnace slag as the third binder. Its composition achieves excellent durability, sustainability and aesthetic results. They seek license agreements for further development, testing and adaptation.

77 **Summary** **TOES20210722001** Public link Request the address

A Spanish university and a genomics research institute have developed a new in vitro method to evaluate the presence of chromosomal alterations. The probe's multifunctional character opens the door to a powerful diagnostic, prognostic or monitoring kit for different types of cancer and diseases of genetic origin where these alterations are present. Both entities are looking for partners working in diagnostics/oncology, which are interested in licensing the patented technology.

78 **Summary** **TOES20210625001** Public link Request the address

A Spanish university has developed two new biomarkers for the diagnosis of pediatric B-cell acute lymphoblastic leukemia. The technology makes it possible to recognize and evaluate patients who develop the disease and thus supports in therapeutic decision-making. The university is looking for partners interested in licensing this patented technology.