



Boletín nº 177 de Oportunidades de Cooperación: Tecnologías de la Información y las Comunicaciones - Seguridad

(Junio 2019)

1. **Perfiles de Cooperación**
2. **Informes Tecnológicos**
3. **Próximos Eventos**

1. Listado de Perfiles (41)

	Título	Abstract	Referencia	Cooperación buscada
1	[EUROSTARS2] A Korean IT security company is looking for R&D partner in developing the next-generation intelligent security gateway and cloud-based integrated security information analysis system based on edge computing for IoT system security	A Korean SME specialized in an IT security evaluation and cloud-based security solutions is preparing a project proposal under EUROSTARS2. The R&D project is about further developing and designing the integrated analysis engine system and secured gateway based on edge computing which could prevent and manage cyber-attack on IoT sensors and devices in a cloud environment. R&D partner with knowledge in cloud security, machine learning, big data analysis or blockchain is sought.	RDKR20190507001	<ul style="list-style-type: none"> - Type of partner sought: companies, private/public Institutions, universities - Specific area of activity of the partner: cloud security service, machine learning, big data analysis, cloud security solutions, Block chain - Task to be performed: cooperative R&D and co-development of integrated analysis platform for cyber-attack prevention
2	Eurostars: R&D performing SMEs with expertise in medical device development and competence in microtechnology, optoelectronics, plastic injection, data collection and analysis and mobile applications sought.	A Swiss university together with a Swiss start-up, is preparing a Eurostars proposal. The aim is to develop an innovative smart device for urine measurements. The device could be used worldwide as a personalised tracker of metabolic parameters. R&D performing SMEs already involved in the EU medical field, and with expertise in e.g. microtechnology, optoelectronics, plastic injection, data analysis and mobile applications are sought for a research cooperation.	RDCH20190603001	<p>The specific area of activity of the partner: The consortium is looking for partners active in the medical devices area. The requested expertise is in microtechnology, mobile application, internet of things, data collection and analysis, optoelectronics and plastic injection systems. To create an eligible consortium the partner should be an R&D-performing SME according to Eurostars guidelines (https://www.eurostars-eureka.eu/content/eurostars-eligibility-guidelines).</p> <p>The tasks to be performed by the partners sought are to participate in the technical development of the medical device. Furthermore, they should help to develop a solid business model, respecting the requirements for certification and commercialisation needs.</p>
3	EUROSTARS: Spanish SME is looking for a partner specialized in voice recognition for the development of an educational platform for children with psysical and mental impairment	A Spanish SME, specialized in educational technologies, is preparing a Eurostars proposal for the development of an educational platform adapted to children with any kind of physical or mental impairment (visual, intellectual, hearing and motor disabilities). In order to carry out the project, a partner with expertise in voice recognition technologies is sought.	RDES20190621001	<p>The kind of partner sought is a company with experience in the development of voice recognition software that can be integrated with a digital platform, is multi-language and ideally can work offline.</p> <p>The partner sought must be located in a country eligible for Eurostars projects.</p>
4	[Eurostars] French SME looking for R&D-industrial partner in the field of sensors for mobility and autonomous systems to develop a mobility system designed for blind people	In order to complement the team for Eurostars project, a French SME is seeking European or eligible Eurostars (not French) SME specializing in sensors and cameras for mobility applications, including light detection and ranging (LIDAR) and 3D. The objective of the project is to develop a solution, including a comprehensive number technological bricks, hardware and software, specially suitable for blind persons in their pedestrian mobility.	RDFR20190612002	<p>Industrial and research European or eligible Eurostars SME (not French one) or startup, specialized in R&D and production of sensors and associated processing software ; focus on relatively slow moving and medium precision devices.</p> <p>The partner would contribute to the project with key components to be integrated along the development and the industrialization of the target system. These components will carry special features and dimensions suitable for the application</p>
5	FETOPEN-01-2018-2019-2020 French engineering centre looking for SME partner to set-up a millimeter wave based radar demonstrator to address detection purposes	A French engineering centre is looking for a SME partner (research partnership) to complete a consortium of several European partners, willing to respond in 2019 to the FET-Open-01 call. The objective is to set-up a millimeter wave based radar demonstrator. This device shall notably address the detection of hydration defects	RDFR20190524001	<p>The sought partner shall be a SME (respect the official European Union's criteria for a small and medium-sized enterprise).</p> <p>The partner shall be familiar with millimeter wave based radar technologies and know their market.</p>

	in the health sector	(e.g. human body) in the health and paramedical sector. The researched SME's task within the project will be the demonstrator's validation/testing in a realistic environment		<p>Furthermore, it would be a clear advantage if he/she has experience in international collaborative projects.</p> <p>Moreover, the partner shall be able to perform the device's testing and validation in a realistic and practical environment. This feed-back will be essential for the product's capability to meet the market's needs and successfully compete against other stakeholders.</p> <p>Lastly, the SME shall be positioned in one of the following sectors:</p> <ul style="list-style-type: none"> > Health > Pharmaceutique sector > Paramedical sector > Biology
6	[EUREKA/Eurostars2] Partners sought for development of products that apply on smart environmental sensor	<p>The Korean SME specializes in developing and manufacturing dust / humidity / temperature sensors. They are looking for partners by submitting the proposal of Eurostars2. The project aims to develop small environmental sensor modules for plant, farm, and home which require multiple atmosphere information.</p> <p>Potential partners should have expertise in sensor understanding, networking, and services to enable this product to be deployed in a smart environment.</p>	RDKR20190604001	<p>- Type of partner sought : Companies, public institutions, private institutions</p> <p>- Specific area of activity of the partner: Potential partners should have expertise in sensor understanding, networking, and services to enable this product to be deployed in a smart environment.</p> <p>- Task to be performed : Collaborate on products, services, and designs for smart environments. Partners should be able to collaborate on products, services and designs for environmental sensors which are applicable on home appliance, automotive, and smart factory under research cooperation agreement.</p>
7	[EUREKA/EUROSTARS2] Partners sought for plasma lightng technology development	<p>A Korean company has been developing a variety of investigating devices including inspection of solar light. Its main technology is plasma lighting system with low maintenance fee and low power consumption along with long life compared to existing lighting system. The company is looking for partners to perform the technology to be more advanced under research cooperation agreement with a proposal of Eurostars2 and Eureka.</p>	RDKR20190528001	<p>- Type of partner sought: SMEs, large companies, research institute</p> <p>- Specific area of activity of the partner: Partners should be familiar with plasma technology that is applicable on lighting system and prefers to be manufacturer and research and development.</p> <p>- Task to be performed: Partners should perform R&D for more advanced technology and functions on plasma lighting system, and it wishes to enter European market under research cooperation agreement.</p>
8	Smart sensors to optimise the performance of wind turbines	<p>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 company is looking for partnerships for licence, commercial and technical agreements.</p>	TOAT20190605001	<p>Partners with experience in rail infrastructure, renewable resources, power infrastructure and aircraft are of particular interest. In addition organisations involved in condition monitoring (in harsh environments) are sought as well as operators/owners of facilities/machines/infrastructure who want to implement condition monitoring, condition-based maintenance, etc.</p> <p>The SME wishes to work together with owners/operators of facilities in harsh environments to address their sensor and measuring needs. This cooperation is envisaged as a technical cooperation agreement.</p> <p>Cooperation with VARs (value added resellers) in the form of a commercial agreement with technical assistance is also of interest so that the parties can work together using the offered sensors to enhance and optimise an existing product range. The goal would be to find partners to exploit new and/or develop existing areas of application in current or alternative sectors. An ideal partner should have experience in rail, aeronautics, renewables or power transmission and can therefore</p>

				<p>contribute to further developing the product in terms of ice detection, temperature measurement or SHM.</p> <p>Partners interested in licencing the technology are also of interest.</p>
9	<p>Dutch SME in Tubular Ultrafiltration & Forward Osmosis membranes is looking for partners to develop new applications for existing products (UF) and new products (FO)</p>	<p>An SME in Tubular Membranes for Ultra-Filtration and Forward Osmosis (UF and FO) located in the Netherlands is searching one or more partners to further develop new applications for existing tubular ultra filtration membrane products as well as for Forward Osmosis technology. The client is considering a technical cooperation agreement</p>	<p>TONL20190521001</p>	<p>The client is looking for (a) partner(s) in order to find new applications for their existing Tubular Ultra Filtration modules and systems. Preferably in the Oil&Gas and Zero-Liquid-Discharge industry, although other industries will be considered too.</p> <p>The client will provide support in know how and expertise of the membrane development and the membrane particularities, based on its 50 years experience and the behaviour of the membranes in current applications.</p> <p>Furthermore, the client is also looking for (a) partner(s) to develop new Tubular Forward Osmosis applications on a larger scale. The client has patent rights to this technology.</p> <p>In order to develop new applications the potential partner is expected to have expertise in a certain industry (e.g. food & beverage, zero-liquid-discharge ect).</p> <p>To develop the new application the client is looking for a technical cooperation agreement. After the technology is successfully developed for a new application, the new application can be licensed to the company for certain countries and/or regions with exclusivity to distribute the technology and application.</p>
10	<p>Bioinformatics based platform enabling precision medicine, nutrition and cosmetics through the discovery of biomarkers</p>	<p>A Greek SME has developed a platform enabling precision medicine, nutrition and cosmetics through the discovery of biomarkers, which focuses on analysis of complex life-science and biological data. This solution expedites prognosis and diagnosis process for certain diseases through the isolation of biomarkers, which are confidently related to the cause of the disease. The Greek SME is looking for partners to cooperate with under commercial, financial or research cooperation agreement.</p>	<p>TOGR20190517001</p>	<p>Commercial agreement with technical assistance: The company provides a cloud-driven suite of bioinformatics tools, able to integrate biological data from various sources and provide comprehensive results and meaningful knowledge to biology researchers. Potential partners are organisations conducting molecular biology related research such as pharmaceuticals companies.</p> <p>Financial Agreement: The company has initiated, this year, a Seed funding round for the further development of the provision platform and the commercialization of its own experimental verified biomarkers. Company is looking for funds in the area of health and personalised medicine with connections to pharmaceuticals companies and clinical research organisations specialised in pre-clinical and clinical trials.</p> <p>Research cooperation agreement: The company offers biological data analytics (bioinformatics) services towards the discovery of biomarkers. This R&D services can be utilised by R&D departments, research laboratories and applied research companies activated in the industry of pharmaceuticals, nutrition and cosmetics.</p>
11	<p>Trusted, system independent IoT data sharing solution</p>	<p>An Austrian start-up developed a system-independent, peer-to-peer data sharing solution for IoT data with the capability of data verification across systems. The solution allows the receiving company to verify the data integrity even though confidential data of the dataset are not sent. By that a trusted cooperation between companies and the establishment of new business models is enabled. The company is looking for commercial, license, technical and research agreements.</p>	<p>TOAT20190529001</p>	<p>The Austrian company is interested to cooperate with:</p> <p>1. Companies that plan to develop new business models. This can be end-users that want to integrate the developed technology for this purpose or consulting companies who give advice to companies regarding the establishment of new business models (consulting firms, cloud provider, telecom provider, ...). In this case a commercial agreement with technical assistance is sought.</p>

				<p>2. Producers of industrial machines that are willing to integrate the verification solution in its products. In this case a license agreement is sought.</p> <p>3. Chip manufacturer active in the field of data security. In this case a research cooperation or a technical cooperation is sought for integration of the solution into its "trust execution environment". The company is open for white label solutions.</p> <p>4. Operators of platforms that collect data from different sources and put these data at somebodies disposal for specific purposes ("data monetization platforms"). The developed technology could be used to share verified data between these platforms and data buying or data selling companies without involvement of a third party. In this case a license agreement is sought.</p> <p>The Austrian company thinks that the awareness for the importance of data verification is comparable high in the business areas healthcare, aerospace and energy utilities. So maybe companies active in these business fields may be especially interested. But the Austrian company is open cooperate with companies from any business area.</p> <p>The Austrian company offers to accompany cooperating companies depending on their specific needs:</p> <ul style="list-style-type: none"> - Implementation of machine data generation and collection (OPC-UA, ...) - Implementation of the software solution as described in the profile - Consultancy about the usage possibilities (business models) of the developed solution - Implementation of innovative financing solution for pay-per-use models together with PricewaterhouseCoopers and several financial institutions. - Research cooperation for the integration of the verification solution in industrial machines. <p>Bigger companies with an own IT department may not need any relevant advice by the Austrian company to implement the software in its exiting IT system.</p>
12	<p>AI based simulation for efficient development of advantageous concrete mixtures</p>	<p>An Austrian company developed a software for optimization of existing concrete mixtures and the design of new ones, with new materials, tailored for specific applications. Concrete mixtures can be achieved 10x faster and resulting mixtures are 6x stronger. Reduction of cement content in mixtures and usage of alternative constituents reduces costs and CO2 emissions of new mixtures. The Austrian company is interested in license, joint venture, technical and research and financial agreements.</p>	TOAT20190613001	<p>Type of partner sought:</p> <ol style="list-style-type: none"> 1) Large construction companies 2) Cement manufacturing companies 3) Companies and R&D institutes with a focus on materials research for application of concrete for special purposes and 3D printing. 4) Companies and R&D institutes with a focus on materials research for polymer mixtures 5) Investors <p>Role of partner sought:</p> <ol style="list-style-type: none"> 1) End-user using the developed technology for the optimization of its own processes. In this case a license agreement is sought. 2) Partners with an existing network to share the knowledge gained through a cooperation. In this case a license agreement or a joint venture is sought. In specific in Asia the company is open for a joint venture. 3) Partner for a further adaption of the existing AI for (i) optimization of

				concrete for 3D printing, (ii) the use of alternative constituents in concrete (glass, ash,...), (iii) special applications of concrete or (iv) the adaption of the AI for polymer mixtures. In these cases, a technical cooperation agreement or a research agreement is sought. 4) Potential investors with the capability to carry on negotiations with larger investors and cooperation partners. The company is of the opinion that an investment of 500.000€ - 800.000 € would enable a fast growth, the establishment of an extensive (inter)national sales network and the establishment of an own laboratory. An own laboratory would enable the company to conduct advanced R&D activities and to accept orders from concrete processing companies.
13	Multicamera tracking and high resolution 3D stereo vision	A Croatian company has developed an innovative method of tracking objects in 3D multi-camera environment. The method includes a panoramic camera, PTZ (Pan Tilt Zoom) full body camera, auto zoom and auto-tracking of people over a wide area. They also feature high-resolution 3D stereo images. The 3D position is marked for each pixel in the stereo image for easy, automated and fast 3D mapping. Looking to sign a joint venture, technical cooperation or commercial agreement with technical assistance.	TOHR20190301001	The company is searching for partners that can implement the technology in products and/or enhance the practical use of the technology. The target partners would be operating in sectors such as: video surveillance, 3D mapping, automatic fire detection systems, automotive, warehouse automatization or entertainment technology. The potential partners could develop the products through a technical cooperation agreement or commercial agreement with technical assistance and it is possible to provide exclusivity in some application area. They are also open to investors for further develop of technology and its applications.
14	Fast, automated generation of high performance simulators for microprocessors	An Austrian company has developed a platform for virtual exploration, simulation, and verification of microprocessor architectures. Via a generator tool, a microprocessor architecture description can be automatically transformed into a simulator software tool for the respective microprocessor architecture within minutes with outstanding performance. So the duration and costs of the whole simulation process can be extremely reduced. The company is looking for technical cooperation agreements.	TOAT20190523001	Type of partner sought: companies Role of partners sought: They are looking for pilot customers requiring an easily re-targetable simulator tool for their microprocessor- architecture or microprocessor- technology developments. They will work with pilot customers by providing guidance, development support, and training to generate a microprocessor simulation for their specific architecture.
15	Non-enzymatic lactate sensor system for intensive care applications	Continuous measurement of lactate during emergency or intensive care is very important as it is a critical parameter to lactate acidosis and the mortality rate. A group within a German research institute, specialised in bio-electro-mechanical systems and sensors therefore seeks partners to develop a new lactate potentiometry based sensing approach that would eliminate the problems from currently used enzymes. Envisaged partnerships are a research or technical co-operation or a license agreement.	TODE20190617001	Type of partner sought: industry partners, academy/ research organisation Specific area of activity of the partner Manufacturer: - medical devices/applications, leading the project, giving input to the following aspects: market perspectives, prototyping/read out units, subsequent product needs, including design, lifetime, sensing parameters; - special chemicals/polymer synthesis; develop and providing special chemicals, such as fluorinated polymers and Ionophors, Ionic Sites, - electrochemical sensors, for view on subsequent production, therefor support with process development and scaling of batch prototyping User: - Implant surgery, Intensive Care, Bioreactors, support with knowledge from the medical perspective relating to surgery, test scenarios, handling and Medical devices approval procedure (FDA, MDR, IVDR...) Research organisation: - calculations of polymer chemicals Tasks to be performed by the types of partner sought:

				<p>To develop a lactate sensor system for medical applications partners from several fields of activity are needed:</p> <ul style="list-style-type: none"> - Catheter manufacturer, willing to include additional features like sensors and realizing a subsequent commercial distribution; - Medical equipment manufacturer (hardware/software/packaging) to combine the sensor/catheter unit to a readout Hardware, including the integration into a clinical data management system; - Intensive care physicians to accompany the whole process from layout to test under conditions of use; <ul style="list-style-type: none"> - Specialists for medical certification issues (EU-wide, FDA?); - A company with experience in development and synthesis of special chemicals (fluorinated) for use as sensor materials, such as Ionophores, Ionic sites, polymers; - A sensor manufacturer for developing under the focus of scalable production processes;
16	London-based global navigation satellite system (GNSS) manufacturer looking for agricultural machinery manufacturers for precision agriculture	The company is a London-based tech startup focused on low-power high-precision geolocation technology for self-driving vehicles for the agricultural sector at low cost. The company is offering a license to agricultural machinery manufacturers willing to use its technology in Sweden, Denmark, Germany, Italy and in The Netherlands.	TOUK20190604001	The company is looking for commercial partners, essentially agricultural machinery manufacturers, that are interested in incorporating its technology and solution for precision agriculture. The cooperation will be envisaged under the framework of a license agreement.
17	Simple low-loss power converter allowing great energy savings.	A Swiss research institute has invented and tested a new topology for switched mode power converters. Combined with the right method of control, this nearly eliminates switching losses and allows designs with >99% of efficiency (high energy savings). Also, electromagnetic interferences (EMI) are considerably reduced. On top of all its advantages, this new topology is simple and easy to drive. The institute is now looking for cooperation in form of licensing and further development.	TOCH20190605001	<p>The specific area of activity of the partner:</p> <ul style="list-style-type: none"> - Manufacturers of power electronic equipment. - Manufacturers of photovoltaic inverters. - Manufacturers of electrical drive systems. <p>The tasks to be performed by the partner sought:</p> <ul style="list-style-type: none"> - Design, manufacturing and sales of switched mode power converters using the proposed topology in a licensing model. - Partnership in future research projects to further develop and enhance the proposed switched mode power converter.
18	Grapevine genome of cultivars sequencing system for wine production concerning quality and safety	Italian bio-informatics SME offers a system for RiboNucleicAcid RNA-seq analysis of different grapevine genome cultivars. It's a knowledge base implementing a set of bioinformatics tools for the analysis of grapevine genomes, focused to improve knowledge of its varieties on adaptability to different climatic conditions, phenological phases, diseases, geographic locations. Wine producers, agriculture farm, agro-industry firm partners are sought for technical cooperation and/or license agreement.	TOIT20190513001	<ul style="list-style-type: none"> - Type of partner sought: companies - SMEs and large companies, as well. - Specific area of activity of the partner: especially the wine producers, partners from the wine industry, agriculture farm, agro-industry firm. -Type of agreements: license agreement to utilize the bioinformatics tools and/or technical cooperation agreement for further possible development of this technology
19	An electrical stable electrochemical sensor device based on Electrolyte-Gated Field-Effect Transistor (EGFET)	<p>A Spanish Research Institution has developed an Electrolyte-Gated Field-Effect Transistor (EGFET) with enhanced electrical stability. These new EGFETs operate in aqueous environment, and are stable for more than 12 hours under uninterrupted operation, greatly surpassing current state-of-the-art EGFETs. The increased stability makes them suitable for real life applications.</p> <p>Industrial partners are sought to collaborate through patent licence and research cooperation agreements.</p>	TOES20190529001	<p>Industrial partners in the electronics or biosensors sectors interested in the development and commercialization of the product under a license agreement are sought.</p> <ul style="list-style-type: none"> -Licensing agreement: the partner would license the technology to carry out the final development and commercialization of the product. _research cooperation agreement: The partner and the institution could undertake a joint effort to further develop and optimize the product, addressing to specific needs of the market.

20	Licenses offered for photo-thermoelectric cell for conversion of thermal energy into electricity	A Spanish research institution has developed a photo-thermoelectric cell with spectral selectivity to visible and infrared lights. If the cell is part of a thermoelectric generator, the device allows the conversion of the heat produced by incident radiation into electrical energy. This technology can also be used to take advantage of the residual heat of machines or electrical circuits. An industrial partner is sought to collaborate through a patent license agreement.	TOES20190213001	Industrial partner from the energy industry is being sought to collaborate through a patent license agreement. The partner role will be: (i) produce the cells and, (ii) commercialize the cells.
21	Lithuanian tech SME offers a tech solution for integrated stock control on e-marketplace	Lithuania based electronic data interchange (EDI) provider serving more than 2,000 customers with a volume of 18 million electronic documents carried annually is looking for a partner to work under commercial agreement with technical assistance, who would be interested introducing software product suitable for the native market.	TOLT20190527001	Partner sought is expected to be a product owner, who is conducting part or all of his business activity using online market place. Partner would be expected to sign a commercial agreement, with which they would receive a further technical support integrating the technology with their systems.
22	Novel technology for continuous flow or off line multiparametric analysis of particles, emulsions, powders and microcapsules in complex fluids	An Italian company patented a technology for multiparametric characterization of micro and nanoparticles for a cheaper, faster and efficacious characterization in biological, industrial and environmental complex fluids and effective quality control processes during lab scale or industrial production. Continuous Flow Analysis of particles in fluids coupled with Flow Field Fractionary devices is possible. Technical partnerships and/or commercial agreement with technical assistance are sought.	TOIT20190621002	Type: industrial and academic players involved in the Research and Development and Quality Control of product based on micro and nanoparticles, emulsions, capsules and powders in the fields of pharmaceuticals and healthcare, agropharma and agriculture, food and beverage production, cosmetics, pigments. Role: improvement and advancement of existing methods and products, adaptation and integration of the proposed technology into analytical, inspection, quality control and monitoring applications; The proposer offers commercialization of the technology, installation and technical assistance and implementation support.
23	Smart monitoring solutions for health and agriculture offered to partners for technical, research and services agreements.	A Spanish company offers a complete set of services for IoT implementation in companies and entities. The IoT solutions, fully integrated, collect and analyse data, finding tendencies and providing valuable information for decision making. Its experts (specialised on big data and software development) will develop the MVP (Minimum Viable Product) test it and bring it to the market. Partnership sought is a service, technical, research or commercial agreement with technical assistance.	TOES20190516001	- Companies (mainly SMEs, but open to any other one) on health or agricultural sector in need of technical assistance for their development. - Companies, universities or research and technology centres interested in research cooperation agreements to integrate the technology and know-how offered to develop new projects.
24	Turkish new technology electric boiler inventor is looking for license or manufacturing agreements	The Turkish inventor has developed an electric boiler that is 80% more efficient compared to natural gas boilers and is looking for license or manufacturing agreement possibilities.	TOTR20190506001	The Turkish inventor is not a manufacturer, so he is looking for investors or manufacturers in the heating industry who are willing to manufacture the electric boiler under a manufacturing agreement or license agreement. The inventor is also ready to negotiate to fully sell all rights regarding the electric boiler.
25	Full automatic pattern construction for the garment industry and other textile processing industries	A small Hungarian family-owned SME specialized in garment production and IT solution development is offering a new construction method that is entirely different from the empiric methods used for garment pattern construction. It shortens the pattern design time by around two order of magnitude. The technology can be used for garment production and small scale customized or made-to-measure garment production. The company is looking for a joint venture partner to set up a new legal entity.	TOHU20190613001	Type of partner sought: Innovative garment manufacturer which is open to novelties Specific area of activity of the partner: Preferable production of personalized, custom-tailored uniforms and made-to-measure garments. The partner should be dedicated to supporting further development of the project by its resources and expertise. Task to be performed: The partner company is to contribute with capital and expertise in a newly created joint venture company. The partner company could exploit the exclusive use of the already available patterns in its production. The joint company will continue the development of newer patterns, and also to develop and operate an online shop for selling downloadable custom-tailored patterns for end-users.
26	UK company is looking for investors or industrial partners for a novel combined	UK company offers an electrical energy storage system to provide an efficient and low cost backup generation for wind and solar. It provides a novel compressed air cycle for	TOUK20190605001	UK Company is looking for financial, joint venture or technical cooperation agreement. Ideal partners would include companies operating in the

	<p>steam turbine and compressed air energy storage cycle</p>	<p>heat pumping the condensing energy from steam turbines and gives higher efficiency. It also could enhance a range of steam plant including emission free thermal storage, hydrogen and natural gas. UK company is looking for investors or industrial partners for financial, joint venture and technical cooperation agreement.</p>		<p>energy market or power plant operators, who are interested in this system's development through a joint venture or technical cooperation agreement.</p> <p>The system might have a good synergy with other energy storage technologies such as batteries and flywheels, therefore company is also interested in talking to companies from relevant sectors and willing to have joint venture or technical cooperation agreement with them.</p> <p>UK Company is also interested in partnership with investors via financial agreement.</p>
27	<p>UK SME offering low-cost cloud-based data solution supporting data governance around GDPR seeks to collaborate in market-testing and identify new customers</p>	<p>A UK-based ICT SME specialising in helping companies solve complex data challenges, has developed a low-cost cloud-based data discovery software solution to support company needs for data governance and regulatory initiatives such as GDPR, Solvency II, and International Financial Reporting Standards. Commercial partners are sought to collaborate in market-testing the GDPR focused solution and find new customers under licensing agreements.</p>	TOUK20190314003	<p>License agreement offered to companies participating in solving data challenges in general, more specifically data governance around GDPR, e.g.</p> <ul style="list-style-type: none"> - companies that are already consulting in the GDPR space needing to create a personal data inventory for the customers. - companies working in the GDPR data space, seeking to use or resell data discovery solutions. - companies working with GDPR technologies such as metadata scanning technologies that need a way to classify personal data, where the respective technologies could be integrated.
28	<p>Crisis management software solutions for forest fire</p>	<p>Spanish SME geoinformatics consultancy offers services and expertise in geographical information systems (GIS) tools for emergency incident management, this includes dispatching and tracking, real-time operational simulation of the progression and behaviour of forest fires, assessment of fire risk, creation of vegetation fuel maps through novel remote sensing techniques.</p> <p>Partners interested in cooperation in future R&D proposals are sought under research cooperation agreement.</p>	TOES20190403001	<p>Partners sought are academia, research organisations or companies interested in building a strong R&D consortium under research cooperation agreement.</p> <p>Partners should carry out activities/research related with the crisis management and/or public safety sector or at least their activities/research should be related with these topics.</p> <p>Specifically, the partners should be focused in at least in these areas:</p> <ul style="list-style-type: none"> • Development of IT (information technology) solutions and services to allow the management of the several phases of the emergency cycle, from prevention, preparedness to response and recovery. • Technology aspects such as earth observation and/or in situ sensors for the automatic detection and gathering and assimilation of real-time or near real-time field information (weather sensors, forest fire behavior sensors, vegetation fuels information, forest fire detection sensors, emergency warning systems, etc.)"
29	<p>Tailor-made protein engineering for companies and research organisations</p>	<p>A Czech biotech SME offers its expertise in protein engineering, computational approaches and related state-of-the-art software tools. They provide powerful protein optimization services e.g. thermal stabilization of proteins for medical applications or effective enzymes for production of fine chemicals. Partners sought are companies or R&D organisations utilising such proteins in their industrial processes or within research projects for commercial or research cooperation agreement.</p>	TOCZ20190529001	<p>Partner sought: A company or a research institute with a need of a specific protein or enzyme to be stabilized or optimized.</p> <p>The Czech Company would like to work with its partners on long-term basis, either on contract basis (commercial agreement with technical assistance) or within research consortium research cooperation agreement).</p> <p>The partnership would utilise the company's R&D and manufacturing competencies/capacities.</p>

				<p>It is expected that certain technical knowledge would be transferred towards to partners.</p> <p>The application fields are very broad - the company has collaborated with partners from the fields of environmental biotechnology, military research, diagnostics, healthcare, cosmetics, pharmacology, food additives and agriculture. The company has also collaborated with various public research institutions within funded (international) R&D projects where its know-how has been utilised to reach common goals. Thus, new partners might be active in the above-mentioned fields, but also in other relevant ones.</p>
30	Meteorological radar products for agriculture	An Italian research team has developed a C-band dual-polarization Doppler weather radar. The radar is capable of providing seamless monitoring of precipitation within a distance of 150 km from the radar from which products for a variety of applications can be obtained (eg. upcoming of dangerous weather conditions). The researchers are interested in technical cooperation agreements.	TOIT20190614001	<p>The type of partnership considered is technical cooperation agreement. The partner sought could be any kind of company or entity that is interested in weather radar products to be used in sectors such as agriculture, transports, insurance, renewable energy. The purpose is to share resources and skills to further the development of the technical aspects of the technology.</p>
31	Brussels based company offering hardware and software for charging stations for electrical vehicles seeks a commercial, joint venture or license agreement in Germany, Denmark and/or Italy	Well-established Brussels company provides the charging stations for e-vehicles and a web-based dashboard for the monitoring and managing of the charging activities. The charging stations provide power from 3.7kW up to 22kW, corresponding to a charge of 100km of autonomy in 1h. Simple and advanced version available with an option to leverage on machine to machine communication, IoT, and energy management. Commercial, joint venture or license agreement in Germany, Denmark and/or Italy is sought.	TOBE20190618001	<p>Company already active in the electrical vehicle charging field for a commercial, joint venture or license agreement. The agreement would be based on a license agreement for software and royalties/commissions for the hardware development. The targeted countries, although non exclusive, are Germany, Denmark and/or Italy.</p>
32	Maintenance management software, integrated with warehouse management to minimize logistics costs through predictive analysis	<p>An Italian company working in aeronautic field has developed software and APPs in order to manage maintenance, operation, logistics, technicians/pilots training for last generation aircraft. The SME makes data analysis to optimize the handling of the fleet and the warehouse.</p> <p>The considered type of agreement is commercial agreement with technical assistance with companies/partners of public and private transports interested to adopt the proposed solution.</p>	TOIT20190528001	<p>The Italian SME is interested in commercial agreements with technical assistance with companies/partners of public and private transports interested to perform cheaper maintenance by optimizing inventory management through predictive analysis, with the possibility to plan the work flow in the medium and long term with support of dynamic dashboards.</p> <p>This software is suitable also for aeronautical technicians training schools.</p> <p>Technical service will be provided for first stage implementation. Afterwards, maintenance and technical support will be given for a right use and exploitation of the technology.</p>
33	Catch tracking system to manage fishing fleets or fish markets	An Italian ICT company has developed a catch tracking system using APP, QR Code and batch management and supervision software able to manage fleets of fishing boats or fish markets. The SME is looking for partners interested both to test and to further develop and to optimize the system. The types of agreements sought are technical cooperation and financial agreement.	TOIT20190610001	<p>The company is looking for collaborations with institutes and organizations connected to fishing, private or public bodies that manage fleets of fishing boats and / or fish markets, in order to demonstrate the system.</p> <p>Moreover the company is looking for partners to further develop and optimize the system.</p>
34	A Korean company is looking for a manufacturer of smart device to collaborate in developing AI-based human (or system) behaviour/action anticipation system	A Korean company as a SaaS(Software as a Service) and solution provider in IoT device monitoring, remote access control, screen sharing, and video handling, is looking for a smart device manufacturer based in Switzerland or Israel to collaborate in developing AI based human(or system) behaviour anticipation technology and its implementation in smart device. The partner should be from either Switzerland or Israel only to apply for bilateral R&D project which has been agreed at national level.	TRKR20190522001	<p>- Type of partner sought: Company, manufacturer</p> <p>- Specific area of activity of the partner: Device manufacturers who have their needs to monitor devices, instruments, smart wearables in a real time and limitless locations</p> <p>- Task to be performed: Manufacturer of device is sought for upgrading the device. For example, the manufacturer can upgrade the device for 5G network</p>

				environment and diversifying or expanding the service location. The type and depth of upgrade are open for discussion.
35	Airborne robotic assistant sought via commercial, license or research cooperation agreement	UK company developing 3D imaging solutions for healthcare, education and energy markets is looking for international partners and collaborators to help bring their robotics systems to market, particularly an indoor, airborne robotic assistant. Cooperation is envisaged to take form of a commercial agreement with technical assistance, license or research cooperation agreement.	TRUK20190529001	<p>The company have developed and tested a prototype system which was met with considerable enthusiasm from its target user group. They now wish to accelerate the development to bring this product to the market quickly.</p> <p>The UK company wish to learn about the state-of-the-art in the field of robotics and machine vision and identify specialists with a view to collaboration and technology transfer. This is envisaged as a commercial agreement with technical assistance or as a research cooperation agreement, depending on the circumstances of the partner. License agreements will also be considered where mutually beneficial.</p>
36	Finnish accelerator program is looking for start-ups and growth companies with new technologies	A Finnish corporate venturing house is looking for new technologies from start-ups and growth companies to apply for an accelerator program in the maritime field. Applicants are expected from focus areas which are such as waste management, new materials, energy efficiency, artificial intelligence, operational efficiency and transparency and safety. The deadline for proposal submissions is August 11th 2019.	TRFI20190620001	<p>The company is looking for scale-ups and SME's with ideas that fit the conditions of the desired solution outlined through these challenges.</p> <p>The cooperation model can be commercial agreement with technical assistance, technical cooperation or licensing.</p>
37	Open Innovation Call: Seeking collaborators and test-bedding partners for leading Singapore corporations	<p>This is an open innovation call by a group of large corporations in Singapore that seeks technological solutions from SMEs or research institutions across six themes in opportunities for co-innovation/test-bedding with its portfolio companies via potential licensing or joint venture partnerships:</p> <ol style="list-style-type: none"> 1) Artificial Intelligence 2) Automation & Robotics 3) Internet of Things 4) Safety & Security 5) Smart Mobility 6) Sustainability 	TRSG20190606001	<p>The Singapore MNEs are looking to establish innovative development collaborations with SMEs across different types of partnership frameworks, such as licensing and joint venture agreements.</p> <p>The partner would offer its technological expertise or solutions through test-bedding or co-innovation opportunities.</p>
38	Looking for the supply of 38 high performance and shaped multi-layer insulation blanket assemblies for particle accelerator superconducting magnets.	The European Organization for Nuclear Research (CERN) is looking for the supply of 38 multi-layer insulation (MLI) blankets assemblies of five different types depending on the magnet to be insulated, for the Large Hadron Collider (LHC) which is the world's largest and most powerful particle accelerator. In order to reduce even further the radiative heat load, all cold surfaces are covered with MLI blankets. CERN is looking for suppliers, through public tender procedure.	TRFR20190624001	<p>The partner sought is an industrial company able to fulfil and demonstrate all the requirements.</p> <p>The supply shall include the following deliverables and activities:</p> <ul style="list-style-type: none"> • Design file (including fabrication drawings); • Procurement of raw material and components; <ul style="list-style-type: none"> • Pre-series manufacturing; • Series manufacturing; • Technical documentation; • Packing of the Supply; • Shipping to CERN, if so requested. <p>Following the expression of interest, the company can be invited to tender to be issued in 3rd quarter 2019.</p>
39	Sensors to measure the filling level of waste bins are sought by a German city council	A German city council is seeking an industrial partner who can provide smart sensor systems for the city's waste bins. The waste bin filling level should be measured based on a long range wide area network (LoRaWAN). Partners are sought to equip the waste bins within a commercial agreement with technical assistance.	TRDE20190618001	A company is sought who can provide the smart sensor solution for the bins within commercial agreements with technical assistance. The partner is expected to accompany the implementation of the new system and to support the initial tests with the interface connection.
40	Open innovation call: Seeking solutions in trade, logistics, supply chain and transport for leading Singapore corporations	This Technology Request is an open call by leading Singapore corporations seeking innovative solutions in the areas of trade, logistics and connectivity, supply chain and transport, across themes such as blockchain, resource optimisation, artificial	TRSG20190619001	The Singapore corporations are looking to establish innovative development collaborations with start-ups, SMEs and research institution partners across different types of partnership frameworks, including

		<p>intelligence and fintech.</p> <p>Startups, SMEs or research institutions are invited to apply and offer their solution to the Singapore corporations via licensing or technical cooperation through industry or test-bedding projects.</p>		<p>licensing and technical cooperation agreements.</p> <p>The partner would offer its technological expertise or solutions through test-bedding or co-innovation opportunities.</p>
41	<p>A Chinese robotic company is seeking the expert in remotely operated vehicle and underwater vehicle</p>	<p>The Chinese company is focused on robotics and devoted to intelligent products and services. With the increasing demands for underwater robots, the company plans to invest in R&D and manufacturing in the very domain.</p> <p>It is looking for the remotely operated vehicle and underwater vehicle technical assistance. Potential cooperation could be via the technical cooperation agreement.</p>	TRCN20190610001	<p>Any entity who is active and has expertise in underwater the vehicle industry, no matter in the R&D or manufacturing.</p>

2. Informes Tecnológicos

1. [Informe «How robots change the world. What automation really means for jobs and productivity» \(Oxford Economics\)](#)
2. [European Innovation Scoreboard y Regional Innovation Scoreboard 2019 \(Comisión Europea\)](#)
3. [Informe «Unpacking E-commerce Business. Models, Trends and Policies» \(OCDE\)](#)
4. [European Private Business Survey 2019. Time to act: moving from good to great in times of uncertainty and digital transformation \(PwC\)](#)
5. [Informe «Hacia un ecosistema español de Inteligencia Artificial: una propuesta» \(Félix Arteaga y Andrés Ortega, Real Instituto Elcano\)](#)
6. [Informe «The advance of automation. Business hopes, fears and realities» \(The Economist Intelligence Unit y UiPath\)](#)
7. [Informe de Innovación Turística en España 2019 \(ESADE y EY\)](#)
8. [Informe «The Future Computed: AI and Manufacturing» \(Greg Shaw, Microsoft\)](#)
9. [Informe: Perspectives on Cloud Outcomes. Expectation vs. Reality. A Global Survey of IT Executives \(Accenture\)](#)
10. [How can Europe raise its game? EY Attractiveness Survey Europe. La apuesta por la digitalización dispara la inversión extranjera directa en España \(EY\)](#)
11. [VII edición del Observatorio de Marcas en Redes Sociales 2019 \(IAB Spain, Gestación y Epsilon Technologies\)](#)
12. [Informe «Las Tecnologías de la Información en España, 2018» \(AMETIC\)](#)
13. [Guía del Mercado Laboral 2019 \(Hays\)](#)
14. [Women in Digital Scoreboard 2019 – Country Reports \(Comisión Europea\)](#)
15. [Informe «Titans of Tech 2019 All Change at the Top» \(GP Bullhound\)](#)
16. [Informe: Queens, knights and TowerCos. Telecom chess. Staying ahead in the game \(Arthur D. Little\)](#)
17. [Global Entertainment & Media Outlook 2019–2023 \(PwC\)](#)
18. [The Deloitte Global Millennial Survey 2019. Societal discord and technological transformation created a generation disrupted \(Deloitte\)](#)
19. [Informe «Artificial Intelligence in Society» \(OCDE\)](#)
20. [The Digital Economy and Society Index \(DESI\) 2019 \(Comisión Europea\)](#)
21. [Estudio Anual de Redes Sociales 2019 \(IAB Spain y Elogia\)](#)
22. [Informe COTEC 2019 \(Fundación COTEC\)](#)
23. [Informe «Innovation Geographies. Global Research 2019» \(JLL\)](#)
24. [Informe: 5G in industrial operations. How telcos and industrial companies stand to benefit \(Capgemini Research Institute\)](#)
25. [Informe «Latin America's missing middle: Rebooting inclusive growth» \(McKinsey Global Institute\)](#)
26. [OECD SME and Entrepreneurship Outlook 2019 \(OCDE\)](#)
27. [Informe «I'd blush if I could. Closing gender divides in digital skills through education» \(UNESCO y EQUALS Skills Coalition\)](#)
28. [How can Europe sustain its digital drive? EY Attractiveness Survey. Foreign investment in technology and digital industries in Europe \(EY\)](#)
29. [Planeta Chatbot Insights: Analizando el uso de los entornos conversacionales \(Planeta Chatbot\)](#)
30. [IMD World Competitiveness Yearbook 2019 \(IMD\)](#)

- [31. Informe: Tech for Good. Using technology to smooth disruption and improve well-being \(McKinsey Global Institute\)](#)
- [32. The dawn of banking in the post-digital era. Accenture Banking Technology Vision 2019 \(Accenture\)](#)
- [33. Informe «Intelligent Automation in Energy and Utilities. The Next Digital Wave» \(Capgemini Research Institute\)](#)
- [34. Informe «Interfaces de voz: mercado y usuarios» \(Sngular\)](#)
- [35. Informe «The Trust Opportunity: Exploring Consumer Attitudes to the Internet of Things» \(Consumers International e Internet Society\)](#)
- [36. Informe «The Next Frontier in Digital and AI Transformations» \(BCG y BCG Henderson Institute\)](#)
- [37. Informe «AI Governance: A Holistic Approach to Implement Ethics into AI» \(World Economic Forum\)](#)
- [38. Benchmarking competencies for digital performance. An EIU study of digital-competency hurdles and solutions \(The Economist Intelligence Unit\)](#)
- [39. Estudio sectorial e informe de tendencias en la industria del turismo \(Giorgio Ascolese y Joantxo Llantada, We Are Marketing\)](#)
- [40. Recommendation of the Council on Artificial Intelligence. OECD Legal Instruments \(OCDE\)](#)
- [41. Informe eSalud 2019. La tecnología al servicio del paciente \(Essencial Marcom Agency\)](#)

4. Próximos Eventos

	Title	Start Date	End Date	Country	City
1	BE: Transfer between Mathematics & Industry 2019	23-jul-2019	23-jul-2019	Spain	Santiago de Compostela
2	Matchmaking event for the games industry: gamesmatch@gamescom 2019	20-ago-2019	22-ago-2019	Germany	Cologne
3	FIVEbio Tour. The Organic Wine Fair International Inward trade mission to Navarre (Spain)	02-sep-2019	03-sep-2019	Spain	Navarre region
4	SPACE 2019 - Livestock and agriculture brokerage event	10-sep-2019	13-sep-2019	France	Rennes
5	B2B meetings at EMO Hanover 2019	16-sep-2019	20-sep-2019	Germany	Hanover
6	Outgoing Lithuanian company mission to Gdynia film festival	17-sep-2019	19-sep-2019	Poland	Gdynia
7	Autonomous Vehicles Summit Matching	19-sep-2019	20-sep-2019	Slovakia	Bratislava
8	ICT PROPOSERS' DAY 2019 H2020 – Misión Andaluza (Acudimos, preguntame)	19-sep-2019	20-sep-2019	Finland	Helsinki
9	Silver Day Normandie 2019	27-sep-2019	27-sep-2019	France	Granville
10	European Company Mission to The United Arab Emirates (UAE)	30-sep-2019	04-oct-2019	United Arab Emirates	Dubai
11	Open4Business 2019 International Matchmaking Event and Conference	03-oct-2019	04-oct-2019	Hungary	Pécs
12	B2B matchmaking event Contact-Contract 2019 during MSV (International Engineering Fair)	07-oct-2019	09-oct-2019	Czechia	Brno
13	SPACE week 2019 in Rome - brokerage event	09-oct-2019	10-oct-2019	Italy	Rome
14	Meet in Italy for Life Sciences 2019 - MIT4LS2019	16-oct-2019	18-oct-2019	Italy	Trieste
15	DRONETECH 2019 Brokerage Event	18-oct-2019	19-oct-2019	Poland	Toruń
16	Life Science Partnering 2019	28-oct-2019	28-oct-2019	Austria	Innsbruck
17	Nuclear Physics Innovation, Sevilla 2019 – transfer of innovative technology and knowledge from nuclear physics laboratories to the industrial sectors	06-nov-2019	08-nov-2019	Spain	Sevilla
18	Match4Industry Business Matching Event 2019	06-nov-2019	07-nov-2019	Turkey	Kocaeli
19	The 14th EU-China Business & Technology Cooperation Fair (Chengdu)	11-nov-2019	13-nov-2019	China	Chengdu
20	Outgoing company mission to VR Days Europe 2019	11-nov-2019	15-nov-2019	Netherlands	Amsterdam
21	TECHINNOVATION 2019	11-nov-2019	13-nov-2019	Singapore	Singapore
22	B2B Matchmaking Precision Fair 2019	13-nov-2019	14-nov-2019	Netherlands	Veldhoven

23	The 14th EU-China Business & Technology Cooperation Fair (Qingdao)	13-nov-2019	15-nov-2019	China	Qingdao
24	Healthcare Brokerage Event at MEDICA 2019 (Acudimos – Pregúntame)	18-nov-2019	20-nov-2019	Germany	Düsseldorf
25	ICT Cluster and SME Mission 2019	19-nov-2019	22-nov-2019	Japan	Yokohama & Tokyo
26	Smart City brokerage event 2019 (Acudimos – Pregúntame)	19-nov-2019	20-nov-2019	Spain	L'Hospitalet de Llobregat (Barcelona)
27	SMM2019 - Smart Manufacturing Matchmaking 2019	20-nov-2019	22-nov-2019	Italy	Rende, Calabria, Italy
28	International Brokerage Event INDUSTRIAL BRIDGE 2019	27-nov-2019	27-nov-2019	Poland	Szczecin
29	Outgoing ICT company mission to Tech Industry 2019	28-nov-2019	30-nov-2019	Latvia	Riga
30	Innovations to reach a Circular Tourism Destination: Brokerage Event	28-nov-2019	29-nov-2019	Spain	Palma de Mallorca
31	Food Africa Cairo, The 4th International Trade Exhibition for Food & Beverages	08-dic-2019	10-dic-2019	Egypt	Cairo
32	International Brokerage Event in the Conference of the Parties (COP25)	11-dic-2019	11-dic-2019	Chile	Santiago
33	Nanotech Mission to Japan for EU SMEs and Clusters 2020	28-ene-2020	31-ene-2020	Japan	Yokohama & Tokyo
34	Outgoing company mission to Content Tokyo 2020	03-abr-2020	05-abr-2020	Japan	Tokyo

Si está interesado en participar en alguno de los eventos o en alguno de los perfiles de cooperación recogidos en las tablas anteriores, puede contactar conmigo Jaime Durán (Agencia Andaluza del Conocimiento) en el 955 007 497 o por mail tic.aac@juntadeandalucia.es