



Boletín nº 178 de Oportunidades de Cooperación:
Tecnologías de la Información y las
Comunicaciones - Seguridad

(Julio 2019)

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

1. Listado de Perfiles (45)

	Título	Abstract	Referencia	Cooperación buscada
1	French organizations (R&D centres, clusters or companies) located in the SUDOE territory (Auvergne, Occitanie y Nouvelle Aquitaine) are sought for an Interreg SUDOE programme project	A Spanish university is preparing a project proposal to Interreg SUDOE programme, priority 1. The project aims to develop a computerized tool to support decision-making in the wine sector, offering recommendations to the management, based on the evolution of the different environmental and market variables. The university is looking for French organizations (R&D centres, clusters, companies, associations...) located in the SUDOE territory (Auvergne, Occitanie y Nouvelle Aquitaine).	RDES20190705001	<p>Type of partner sought:</p> <ul style="list-style-type: none"> - Technological centre, scientific and technological park. - Clusters or other association of companies. - Companies (according to the eligibility criteria provided by entity type IV within the framework of the Interreg Sudoe program). <p>Specific area of activity of the partner: Agri-food sector (wine).</p> <p>Task to be performed: To collaborate in the implementation of the project Work Plan (according to the expertise and fields of activity of the organisation, tasks will be assigned after the completion of the project consortium); concretely: analysis, homogenization and storage of the input data; development of a tool to support decision-making; integration and validation of climate predictions; integration and validation of market models; development of artificial intelligence applied to the decision-making processes in the wine sector.</p> <p>EU / International project experience: Preferably to have experience in territorial cooperation programmes. Also, expertise in other EU programmes is very important when the projects already implemented are related to BASOS topics.</p>
2	European Local Law Enforcement Agencies (LLEA – i.e. Local Police) required for a H2020 project proposal aimed at empowering LLEA to fight against crime and terrorism.	A Spanish Public University is in need to complete a consortium with European Local Law Enforcement Agencies (LLEA – i.e. Local Police) for a H2020 project proposal aimed at empowering LLEA to fight against crime and terrorism. The proposal will be submitted to the following topic: Technologies to enhance the fight against crime and terrorism: SUFCT02-2018-2019-2020. As end-users LLEA will participate in defining the standard graphical notation, the system requisites and the testing scenario.	RDES20190627001	<p>Type of Partner Sought: Local Law Enforcement Agencies (Local Police). EU member States Security bodies competent on law enforcement at municipal / local level.</p> <p>Role of Partner Sought: They will participate from the beginning of the project in:</p> <ul style="list-style-type: none"> - Advising on the definition of the standard graphical notation for local law enforcement. - Helping to define the requisites of the system for the local law enforcement context. - Defining and prepare the test scenarios. - Performing the test of the system in each country.
3	JPI Conservation, Protection and Use -An	A Spanish research group is preparing a proposal for the	RDES20190712001	They are searching for different partners to be involved in the proposal:

	Andalusian research group is looking for partners for different profiles under a research cooperation agreement to join a project to protect archaeological sites	<p>Conservation, Protection and Use Joint Call.</p> <p>The project consists of 2 parts: (1) aimed at the building of a device able to inhibit the waves emitted by metal detectors. (2) dedicated to convincing the various parties involved in the protection of the archaeological heritage of the need to act preventively</p> <p>They search technology providers, cultural organizations, end users and public authorities to participate in the project</p>		<p>First part: Experts in electrical engineering, signals and systems</p> <p>To design, build, and test an electronic device that would inhibit or hinder the transmission of metal detector signals within a specific radius of action. This device should be powered by batteries charged with solar energy plates and be vandal-resistant.</p> <p>Second part: Experts in Sociology, communication, public understanding of science</p> <p>Second part of the project: Design and develop a strategy of communication to change the assumptions held by stakeholders in the protection of archaeological heritage that hinder the development of preventive measures for the protection of archaeological sites, taking in to account the device that has been built.</p>
4	Eurostars: A French technological center and a French R&D performing SME are looking for SME partners to develop and refine altogether a novel polymer-derived ceramic based material for 3D printing	A French technological center and a French R&D SME are looking for research and industrial partners (SMEs) to integrate into their consortium. They are developing a project for the September 2019 Eurostars call, focused on developing and refining an innovative polymer-derived ceramic based material for 3D printing. The material will be more cost-efficient, and with properties comparable to the current state of art. The sought partners shall be acquainted with 3D printing and printable materials.	RDFR20190709001	<p>The sought SME partners shall integrate into the Eurostars project proposal either as suppliers or as potential end-users. The suppliers shall be specialized in raw materials for photopolymerisable resins or in polymer derived ceramics.</p> <p>The potential end users shall be interested in silicon carbide ceramic parts.</p> <p>The sought partners will have different tasks/roles which consist in tests (in a realistic environment), in analysis and in validation of the product's abilities, in eventual default detection, in constructive feed-back and in advice on market strategy and eventually necessary changes.</p> <p>This partner research is open for all Eurostars participating countries (with the exception of France).</p>
5	H2020 FTI company search to optimize and develop a market niche (families living in EU mountain areas) innovative cogeneration system fueled by very low cost energy source as forestry wastes	<p>An Italian mechatronics engineering company is developing a proposal for H2020-FTI cut-off 22-10-2019 to validate an innovative micro-cogeneration system fueled by forestry wastes having Stirling engine.</p> <p>Searched partners (by 15 September)</p> <ul style="list-style-type: none"> - SME skilled in production and sale of biomass boilers - SME / Research Center skilled in heat exchange / Stirling systems - commercial distributors. 	RDIT20190705001	<p>Main Partner sought will be a SME company skilled in biomass boiler or micro-cogeneration and already operating on EU market of the biomass domestic heating and /or micro-cogeneration. Partner tasks during the FTI project will be:</p> <ul style="list-style-type: none"> - to develop the boiler system wood chipped fueled suitable to be integrated with the Stirling engine produced by the coordinator; and to test and certify the new mCHP system; - to validate the analysis of the EU potential market and to define a marketing strategy and commercial plan to introduce the new mCHP on the EU market; - to define a agreement with the applicant to produce and sell on EU market the new product. <p>Other searched partners :</p> <ul style="list-style-type: none"> - a SME company or Research Center skilled in heat exchange systems and / or Stirling systems to optimize the engine performances; - a SME consultant company to implement a market analysis and trends about domestic cogeneration and biomass heating; - commercial distributors to analyze the potential market and sell in their countries the new mCHP.
6	EUROSTARS: A Spanish company is looking for	A Spanish company, expert in developing analytical	RDES20190710001	The partner sought for the R&D collaborative project can be an SME

	an engineering company experienced in electronics and mechanical solutions	instrumentation, is working on an Eurostars proposal as coordinator. The aim of the project is to develop a high efficient screener based on a new detection technology. To do this, an engineering company is searched as a partner, for the development of the electronics, the sampling system and the automatization under research cooperation agreement.		specialized in R&D. It should have expertise in engineering processes such as electronic development, mechanical designing and automatization. The role is based on a cooperation agreement for developing a new screening solution. The partner sought must be located in a country eligible for Eurostars projects.
7	Eurostars2: A Korean company is looking for R&D partners to develop an evaluation for nearly zero energy solar architecture	A Korean SME mainly focuses on solar energy conservation and eco-friendly items, using Photovoltaic (PV) modules with the aim of developing a nearly zero energy solar architecture. The company looks forward to developing ecological methodologies for greenhouse gas mitigation in the building sector, national or international application of technology, and research proposal under the Eurostar2 programme for the related area in interest with potential partners.	RDKR20190626001	- Type of partner sought: Company, Research Institutions, University, Non-profit organizations such as Green Climate Fund (GCF) - Specific area of activity of the partner: The areas should include energy conservation related and solar energy (photovoltaic solar) greenhouse gas mitigation in building sector, building integrated renewable energy system to advance zero energy solar architecture. - Task to be performed: The partner is expected to carry out a development of ecological methodology for greenhouse gas mitigation in building sector and research proposal for the related area in interest, under the research cooperation agreement.
8	LC-SC3-RES-16-2019: development of solutions based on renewable sources that provide flexibility to the energy system	For the call H2020 LC-SC3-RES-16-2019, a French university wants to coordinate a project aiming at the development of a cloud-based virtual power plant that aggregates the capacities of intermittent distributed renewable energy resources (DRER). Partners sought to complete the consortium in a research agreement: distribution system operator (DSO) or a transmission system operator (TSO), a specialist in big data analysis / stochastic predictions, or an ICT company involved in electrical grids.	RDFR20190619001	Several partners are sought to complete the consortium : - Distribution system operator (DSO), - Transmission system operator (TSO), - Specialist in big data analysis / stochastic predictions, - Companies specialized in complex cloud / ICT systems for electric grids. They will have to bring their expertise & R&D on these tasks: - Multiagent-based control and modeling - Data analysis (weather, trading, demand) / flexibility analysis - Forecasting uncertainties - Cybersecurity - Blockchain development / Smart contract - Energy management - Distributed Ledger Technology business modeling / ancillary services - SmartGrid demonstrator (e.g. FlexGrid) - Regulatory affairs knowledge
9	A Korean company developing and manufacturing Energy Storage System (ESS) based on lithium ion battery seeks cooperation partners for licensing their battery packaging technology	A Korean company developing energy storage system (ESS) and battery packaging solution based on a cylindrical lithium-ion battery are looking for a European partner who wish to receive technology know-how through a license agreement. The battery produced is applicable to any field in need of battery such as ESS,communication,electric boat,and electric power vehicle. It's well-known for their lightweight,high-efficiency,long-lasting battery life,as well as for low maintenance costs etc	TOKR20190619001	- Type of partner sought : Enterprises - Specific area of activity of the partner : Any types of companies using batteries including inverter and solar companies - Task to be performed : Agency, distributor, licensee, joint venture
10	A Polish company offers professional engineering, research and development services to international partners	A Polish small engineering, research and development company provides services for measurement equipment, optical and vision systems, control, monitoring systems, simulations and optimization, programming, mechanical and electronic design. The company offers services for industry, R&D institution,	TOPL20190708001	The company is looking for: industry, hi-tech companies, start-ups, inventors, industrial research units,

		<p>university. The cooperation on the basis of a research cooperation agreement, services agreement, technical cooperation agreement is considered.</p>		<p>universities or research institutes, laboratories.</p> <p>The cooperation on the basis of the research cooperation agreement, services agreement or technical cooperation agreement is considered for clients from various countries. The company is open for the new challenges in the new sectors from international markets.</p> <p>The company is also looking for consortia preparing project proposals with demand for standardization activities. The company is able to join projects as a partner or subcontractor.</p> <p>The development of a standardization strategy based on research results and the support to realize this strategy are tasks that could be carried out by the organization being involved in an engineering and R&D project.</p>
11	Remote electrocardiograph monitoring technology	<p>Serbian start-up company developed a technology for electrocardiograph (ECG) monitoring. On the basis of 3 leads ECG recording, the technology enables reconstruction of 12-lead ECG signals and therefore, it can accurately identify a heart attack. The company is looking for financial and joint venture agreements with industrial partners.</p>	TORS20190618001	<p>The potential partner should be a company already present on the mobile health market. They should be able to recognise the advantages of this technology and willing to cooperate in the form of financial or joint venture agreement.</p> <p>The potential partner for financial agreement should offer financing for further development, certification and medical validation of the technology.</p> <p>The cooperation via joint venture agreement should include joint activities in developing marketable products and providing support and know-how. Joint ventures with business partners will be considered with the aim of creating a network for technology distribution in Europe and other international markets.</p>
12	Seismic-acoustic-electronic sensors and signal processing for the same	<p>A Ukrainian Institute actively conducts scientific and technical research and development into seismic acoustic-electronic sensors. The Institute has a good scientific-technical-material base for research and many years of experience. The Institute is looking for long-term partners interested in joint research and market promotion of seismic systems for technical means under commercial, technical or research agreement.</p>	TOUA20190506001	<p>Type of Partner: Entrepreneurs and research organizations with experience in the development of seismic acoustic-electronic sensors.</p> <p>Areas of partners' activity: research of microcontroller system which provides initial analysis of seismic signals of sensors.</p> <p>The tasks facing the partner: cooperation in designing and promotion on the market high-sensitive and highly informative technical means of protection, creation of production capacities, marketing services by commercial, technical or research agreement.</p>
13	Structure health monitoring (SHM) systems with prediction of breaking load and residual life of materials based on non-destructive acoustic emission testing	<p>A Ukrainian SME builds on order innovative systems for periodic or continuous monitoring of various structures, such as construction objects, port facilities, air planes. The system software contains a secret know-how for acoustic assessing of the status of structures, including prediction of burst load and residual resource. The company is looking for commercial agreements with technical assistance with owners of plant and large equipment.</p>	TOUA20190701001	<p>Proposal will be interested for enterprises that looking to monitor the quality of equipment. Companies wish to conclude a commercial agreement. In addition, since the use of equipment requires prior training, technical assistance is offered.</p>
14	H2020 - SU-ICT-02-2020 Cyber security : a French SME expert in the IoT sector is searching for a consortium	<p>A French SME with expertise in secure IoT devices design is looking for partners and a project coordinator interested in the field of cybersecurity and IoT. It targets the H2020 Cybersecurity SU-ICT-02-2020 call in the topic of "Designing and developing privacy-friendly and secure software and hardware". The cooperation sought is under a research cooperation agreement.</p>	TOFR20190627002	<p>The French SME is looking for partners to complete the following roles:</p> <ul style="list-style-type: none"> - A project coordinator - Research Institute or universities with competencies in: cryptography, treatment of data and machine learning, software security assessment and formal methods - Industrial partner or public institution (city) which could test the service developed in the project

				<p>The SME does not targets specific countries.</p> <p>Examples of project ideas could be:</p> <ul style="list-style-type: none"> - developing methods/software/algorithms to improve and automate the security assessment and threat detection all along the IoT device development and product lifecycle: conception, development, also when it is deployed, used, and updated. This take into account ML and AI. - topics in the field of cryptography, key distribution protocols for IoT, or blockchain
15	<p>German SME with biogas plants know-how offers licence agreements as well as commercial agreements with technical assistance - focus on chicken dung handling possible</p>	<p>A German SME active in the field of biogas plants offers its engineering knowhow for sustainable production of electricity and its access to process technology and equipment. Core competences among others are the processing and treatment of industrial and municipal sludge, organic waste, and agricultural residues. A new focus is given to chicken dung handling. The company offers licence agreements and is looking for partners that are interested in a commercial agreement with technical assistance.</p>	<p>TODE20190513001</p>	<p>Licence Agreement:</p> <p>Activity: Construction sector in the field of earthworks, concrete works, steel works, piping, cabling. Type: SME</p> <p>Role: Providing info-and- contact desk services for relevant clients. Managing parts of the communication between new clients and German company. Realizing the involvement of one or more mentioned working packages of the item "activity".</p> <p>Commercial agreement with technical assistance:</p> <p>Activity: Businesses with a focus on agitators and pumps, valves, sensors, gas holder, or automatization. Type: SME</p> <p>Role: Implementing the product portfolio of the German partner and providing marketing services for an upgrading turnover.</p>
16	<p>UK-based SME with innovative genetic carrier screen offering the technology to end users for testing and feedback</p>	<p>A UK-based SME has developed an innovative genetic screening technology, in collaboration with an academic partner, testing for 5000 genetic diseases in carriers enabling couples to take informed action when planning a pregnancy. The SME is looking for clinical partners, such as Genetic or IVF clinics, who want to offer the technology to their patients. It is expected that the partnership will be in the form of a commercial agreement with technical assistance or a technical cooperation agreement</p>	<p>TOUK20190701002</p>	<p>The UK-based SME is looking to partner with genetic clinics, in vitro fertilisation clinics (IVF) and gynaecology clinics as well as other clinics that currently outsource genetic testing. The SME will offer their testing services to the partner and will expect the partner to provide feedback on performance to enable further development.</p> <p>The SME is particularly interested in working with partners who deal with genetically high risk couples or couples from ethnic minorities.</p> <p>It is envisaged that the partnership will take the form of a commercial agreement with technical assistance or a technical cooperation, dependent on partner circumstances.</p>
17	<p>Greek inventor of an innovative gearless mechanism that can alter the speed of a rotating shaft and can be used as a gearbox, seeks partner for financial and technical co-operation</p>	<p>A Greek mechanical engineer has invented a gearless mechanical system consisting of solid parts, which in the form of one stage can alter the speed of a rotating shaft by $\frac{1}{2}$ or 2, and by powers of $\frac{1}{2}$ or 2 as multistage. The inventor is interested in finding partners for financial co-operation in order to invest in the patenting of this technology. He is also interested in the possibility of technical co-operation (for the creation of prototypes).</p>	<p>TOGR20190702001</p>	<p>Two types of partners are sought as follows:-</p> <ul style="list-style-type: none"> - financial cooperation in order to invest in the invention and finance the application for patents abroad (including annual patent fees and possible legal expenses). This agreement would also include support for the protection and promotion of the invention. - technical cooperation (that also has to include full coverage of the costs for the application of the patents for various countries, the first annual fees in relation to them and other related expenses such as legal expenses, etc) for the creation of prototypes that exhibit the characteristics of at least two versions / types of the invention in order to demonstrate the technology to

				<p>possible end-users. This agreement would also include support for the promotion of the invention.</p> <p>Once patent applications and related fees issues have been agreed on, the inventor is willing to discuss other aspects of collaboration, such as concession on royalties per technology sector, or entire sale of the intellectual property rights.</p>
18	Organic derivatives for the manufacture of electronic devices	A Spanish research institution has developed organic derivatives, low cost, with possibility of modifying its molecular structure, including different substitutions, improving the properties of electronic semiconductor. These molecules present not only interesting electronic properties which make them active for the manufacture of solar cells, specifically organic photovoltaic cells, but also an intense blue color witch allows it so be used as a dye in the textile industry.	TOES20190702001	Industrial partners from the energy, electronic and textile are being sought to collaborate through a patent licence agreement. The partner role will be: (i) produce the product and, (ii) commercialize the product.
19	A young German company offers innovative grippers and services for highly flexible handling by robots in production or logistics	A German spin-off of a local university specializes in the development and sale of highly adaptable grippers for robots in production and logistic applications. Therefore the SME offers individual industrial grippers which enable industrial producers and logistics companies to manufacture and transport customized products cost-effectively and automatically. The SME is looking for technical, commercial with tech. assistance and research cooperation agreements to further develop the product.	TODE20190711001	<p>The German company is targeting for commercial partnerships with technical assistance and research/technology cooperation.</p> <ul style="list-style-type: none"> - looking for distribution partners or wholesalers in the field of integrated automation, motion & drive solutions and for system integrators for commercial agreements with technical assistance to integrate the system in existing robot cells - for the further development of the grippers the company is looking for research cooperation.
20	Decision support system for precision kiwi fruit cultivation	Italian ICT company provides an advanced decision support system for precision kiwi fruit cultivation able to operate world wide. The company is looking to partner with: industrial or commercial partners in the agrifood sector under a commercial agreement with technical assistance; industries interested in IPR acquisition under a license agreement; companies or research centers in the ICT sector to further technological improvement of the system under research or technical cooperation agreement.	TOIT20190703001	<p>The company is looking in for:</p> <ul style="list-style-type: none"> - industrial partners, in the agrifood sector, for the installation and improvement of the system under a commercial agreement with technical assistance; - industries, also in the agrifood sector, interested in IPR acquisition, under a license agreement; - commercial partners for the distribution and reselling of the services systems, under a commercial agreement with technical assistance; - companies or research center that work in the ICT and agrifood sector, to further development of the system, under research cooperation or technical cooperation agreement.
21	A French SME offers a software technology which strongly isolates safety and non-safety critical applications to be executed in a same hardware platform	French SME specialized in virtualization technology for embedded devices offers ISO-26262 certified solutions to enable consolidation of mixed-critical systems in Automotive, Industrial, edge IoT. This solution reduces the number of hardware components necessary to build increasingly complex systems while preserving the best-in-market execution isolation needed to guarantee security and safety constraints. The company is interested in technical, business and research cooperation agreement.	TOFR20190122001	<p>Industrial partners wishing to integrate, extend and deploy the company technology, in particular in automotive, industrial, IoT edge.</p> <p>Commercial partners wishing to spread the company technology.</p> <p>Academic and industry partners wishing to collaborate in European RIA & IA projects on mixed-critical virtualization, embedded systems, connected cars, 5G, cybersecurity, virtualized hardware-accelerated artificial intelligence, IoT.</p> <p>The company is interested in technical and business cooperation agreement with electronics system integrators in the Automotive, Industrial, edge IoT domains, to deploy its virtualization technology and customize it to specific use cases.</p> <p>As SME experienced with H2020 European research projects, it's also interested in research cooperation in the framework of European programs, such as although not limited to the following H2020 calls for proposals: ICT-13-2019-2020 ICT-15-2019-2020</p>

				ICT-20-2019-2020 ICT-24-2019-2020 SU-ICT-02-2020 SC1-DTH-02-2020 EIC-FTI-2018-2020 LC-SC3-SCC-1-2018-2019-2020 H2020-FETHPC-2018-2020
22	A Dutch Control monitoring and tuning software company is looking for partners for research or technical cooperation	A Dutch SME offers control monitoring and tuning software for industrial processes, wind turbines and smart grids. The company looks for research proposals to join, and apply their knowledge. The envisaged partnership would be research cooperation agreement or technical cooperation agreement.	TONL20190702001	The company is looking for industrial partners for research and development projects or technical cooperation to implement their expertise on challenging controller problems.
23	Flexible plastic displays for consumer electronics, car interiors, digital signage and other applications	A UK company has developed flexible plastic displays for full colour and video. Early adopters come from the automotive, digital signage and consumer electronics segments but the technology is suited to a variety of product applications across different industries. Electronic products developers are sought for technical cooperation agreements.	TOUK20190709001	- Type of partner sought: industry. - Specific area of activity of the partner: developers of electronic products for both consumer and industrial applications. - Task to be performed by the partner sought: to send a non-confidential description of their new product idea, and initial questions so as to get a conversation going.
24	A completely novel CCU (carbon capture and utilisation) technology that turns large parts of the chemical industry carbon-neutral or carbon-negative	A small UK company has designed and patented a device that turns CCU thermodynamically favourable. Methane, CO2 and air react in a coupled device of a solid oxide fuel cell and electrolysis cell. Financiers and large corporates are sought to fund the building of a demonstrator. Technical co-operation is sought with industry and academia for the demonstrator, around fuel cell chemistry and gas chromatography.	TOUK20190711001	Type of partner sought: industry and academia. Specific role of partner sought: the finance industry or large chemicals businesses are invited to fund the building of the demonstrator. Industrial or academic co-operators are needed for the demonstrator, with particular skills in SOFC chemistry and/or gas chromatography.
25	Energy storage in multifunctional structural composite material	A non-profit Spanish research institute from Madrid has developed a laminar composite material simultaneously having excellent structural properties and high energy storage efficiency. The cooperation types are license and research cooperation agreements, preferably with companies in the automotive and aviation fields.	TOES20190530001	The research center is searching for potential partners from the automotive and aeronautics fields to establish license agreements, preferably industry, but they are also open to academic and other research organisation for research cooperation agreements.
26	High performance 2D electrodes for Li-ion batteries	A non-profit Spanish research institute from Madrid has developed a novel inexpensive and scalable molecular reactor method for the synthesis of 2D metal oxides (Co3O4, Fe2O3, MnO2, NiO etc). These nanosheets demonstrated excellent Li-ion storage performance when tested as anode material in Rechargeable Li-ion batteries. The cooperation types are license agreements and technical cooperation agreements.	TOES20190624002	They are looking for partners/ collaborators for license agreements and technical cooperation agreements in the area of energy storage and batteries who are capable of: 1. Scaling up of the synthesis of newly developed 2D-metal oxide anode materials. 2.Fabrication of pouch and cylindrical type Li-ion batteries composed of the newly developed 2D- metal oxide anodes. 3.Fabrication, validation, and commercialization of the newly developed Li-ion batteries containing 2D electrodes.

27	Ultralong life Mg batteries based on engineered cathodes	A non-profit Spanish research institute from Madrid has designed and synthesized metal oxide cathodes for Mg batteries. Superior intercalation of Mg-ions results in the high energy density. Cathodes of high capacity (up to 250 mAh/g) and ultralong life (>3000 cycles). They are interested in license and technical cooperation agreements.	TOES20190530002	<p>They are looking for partners/ collaborators in battery research area for license and technical cooperation agreements capable of:</p> <ol style="list-style-type: none"> 1. Scaling up of the newly developed defect engineered cathode materials. 2. Fabrication of pouch and cylindrical type Mg batteries composed of the newly developed defective cathodes. 3. Fabrication, validation, and commercialization of the newly developed ultralong life Mg batteries.
28	Ultrafast charging Li-ion batteries based on nanostructured electrodes	A non-profit Spanish research institute from Madrid has developed high capacity nanostructured anodes (1D and 2D morphologies) for ultrafast-charging Li-ion batteries. The cooperation types are license and technical cooperation agreements.	TOES20190702004	<p>The research center is looking for partners/ collaborators in the energy storage area for license and technical cooperation agreements that are capable of:</p> <ol style="list-style-type: none"> 1. Scaling up of the newly developed defective metal oxide based anode materials. 2. Fabrication of pouch and cylindrical type Li-ion batteries composed of the newly developed defective anodes. 3. Fabrication, validation and commercialization of the newly developed ultrafast-charging Li-ion batteries.
29	UK company offers virtual reality discovery engine	UK company is developing a set of solutions that enable virtual reality content to be compatible and accessible across all devices such as mobile, virtual reality head sets and laptops via a proprietary WebVR interface. They are also developing an "Exploration Engine" to help users browse and discover new content. The UK company is looking for virtual reality content owners or publishers to partner via a commercial agreement with technical assistance.	TOUK20190620001	<p>UK company is looking for telecommunication operators and telecommunication companies on the route to 5G. They are also interested in virtual reality content publishers and owners.</p> <p>Ideal partners can be news and media broadcasters, museums, art galleries and independent artists. UK company is willing to enter into commercial agreement with technical assistance.</p> <p>Potential partners will be able to access a freeware of their discovery engine SDK (Software Development Kit) during the project development phase in 2019-2020.</p>
30	Activity monitoring algorithm using a smartphone and/or wristband is offered as a service or as a licence agreement	A Slovenian research institute is offering an algorithm for activity recognition with a smartphone and an optional wristband. The algorithm uses context-specific machine-learning models and therefore does not depend on the position of the smartphone on the body. The algorithm outperforms several consumer devices in terms of accuracy in real-life setting. The algorithm is available via licensing or technical cooperation agreement to companies and researchers developing wellbeing applications.	TOSI20190613001	<p>The research institute is looking for:</p> <ol style="list-style-type: none"> a) industrial partners who are interested in obtaining a licence for activity monitoring algorithm – licencing agreement and b) companies or research institutions who would like to use the service (SaaS) through API - technical cooperation agreement. <p>These are especially:</p> <ul style="list-style-type: none"> - companies that develop and sell healthcare and lifestyle applications; - companies that develop, produce and sell wearable wireless wellbeing, sport and fitness devices; - companies that offer solutions for remote patient or elderly monitoring, on-site professional healthcare monitoring and home/office/work environment monitoring; <p>research institutions active in ambient intelligence, wellbeing, e-health, elderly support, sport tracking and other activity related research and development activities.</p> <p>Partners interested in technical cooperation agreement will be able to use the activity algorithm in their application via SaaS service, which is offered by the Slovenian research institute.</p>

				Partners interested in obtaining a licence for the activity algorithm are expected to be able to integrate the source code of the activity algorithm in their applications, e.g. on a smartphone, wrist-worn or any other smart wearable device. The authors of the activity algorithm are able to adapt the source code in case of specific requirements of a partner.
31	Biomechanical muscular asymmetry measurement device for fitness	A Slovenian company has developed the first connected isometric muscular asymmetry measurement device for mass use in fitness. It measures peak torque and muscular asymmetry which is crucial for proper planning of performance training and rehabilitation to prevent injuries or speed up recovery. Partners from Italy are sought for commercial agreements with technical assistance or technical cooperation agreements.	TOSI20190614001	<p>Ideally the future partner is fitness or wellness center. Possible partners could also be the sport and medical faculties and research centers or companies offering services, equipment and technical support to fitness, sport, wellness or rehabilitation centers.</p> <p>Task to be performed by the new partner is the installation of the new isometric muscular asymmetry measurement devices in the fitness/wellness/rehabilitation facilities and to run new added value services for their customers. The measuring protocol is simple to administer. Based on the data obtained, the Slovenian company will prepare the analysis of the data and assist in training programme preparation (tailored to the customer's needs, e.g. injury prevention, rehabilitation, performance improvement). Ideally, the partner should be active in recruiting clients willing to undertake measurement.</p> <p>The planning, installation, setting up the devices, customization, training of the partner's employees, will be supported by the Slovenian company. There is also a scope for technical cooperation agreements and joint development and customization of the devices based on the users' feedback and testing of possible new business models.</p>
32	Real time measurement of radicals in industrial plasma devices for surface modification	A spin-out company of a Slovenian research institute is offering a device for real time control of stability and uniformity of treatment parameters in industrial plasma reactors. The company is looking for industrial users and manufacturers of plasma reactors for technical cooperation agreement.	TOSI20190703001	<p>Type of partner sought: The Slovenian company is seeking manufacturers and industrial users of plasma reactors for technical cooperation agreement. Possible applications of the companies sought are in all industrial sectors where plasma reactors are used in production.</p> <p>Activity of Partner: The partner sought develops and sells plasma reactors for manufacturing industries or have existing plasma reactors in use in their production. Partner should have an ambition to improve the efficiency of their existing plasma reactors and will be willing to pool resources with Slovenian company to jointly qualify the LOCS device for the market.</p> <p>Specific role of partner sought: Partner company should have available resources (test facility/plasma treatment application) for setting up an operational testbed for testing of the real-time plasma control technology and to finalize the development with the Slovenian company.</p>
33	Portuguese company offers a precise monitoring technology for aquaculture systems. Commercial agreements and technical	Portuguese company is specialized in enabling precision aquaculture with underwater sensors, satellite data and numerical models that deliver data in real-time to the cloud. The	TOPT20190711001	The Portuguese company is looking for universities, R&D centers and environmental centers that wish to develop projects in the aquaculture or environmental area.

	cooperation agreements are sought.	SME is looking for universities, research centers or environmental centers interested in the technology offered. Commercial agreements and technical cooperation agreements are sought.		<p>The type of partnership sought are:</p> <ul style="list-style-type: none"> - Commercial agency with technical assistance for entities developing projects with an interest in acquiring the technology and incorporating into their systems. - Technical cooperation agreement with universities and R&D centers with interest in study ways to improve the technology, realizing which are the features that can be incorporated.
34	System for optimization of production at paper mills	An SME in north Sweden's paper production district has developed, implemented and refined a system that measures the effectiveness of paper plant's machines in real time. By doing this the mills can easily analyse and optimize the production. An example shows that the system can save up to 10% of production costs, but 3-5 % after implementation is more to expect. The SME is now looking for commercial agreements with technical assistance with mills and their ICT-suppliers in Germany and Austria.	TOSE20190524001	The SME is now looking for commercial agreements with technical assistants with paper mills directly and (ICT)-suppliers to paper mills, to implement the system and trim it into production to achieve cost savings.
35	Nanoimprint lithography on full wafers that saves process steps by directly producing a hard etch mask or functional optical layer	A Dutch spin-off SME is specialized in nanoimprint lithography. Most important advantage is the ability to make very high resolution nano and micro structures on large wafers of up to 300 millimetres at easy scalable volume and low costs through a reduction of process steps. The SME is interested in commercial agreements with technical assistance to companies interested in developing and producing both low and high volume wafer based nanostructured products.	TONL20190620001	<p>Type of partner: Industry, research connected to industry</p> <p>Partners: Manufacturers of wafer based products with nano patterns, foundries, organizations with in-house wafer production. The desired partner(s) should be interested in a cost effective, robust, high quality and high yield process and the reduction of a number process steps in the value chain of producing wafer based products.</p> <p>Role of the partner: The partner is desired to manufacture wafer based products and/or to be active in the value chain of the production of wafer based products.</p> <p>The Dutch SME offers solutions for reducing a number of process steps by directly producing hard-etch masks or functional layers based on a Substrate Conformal Imprinting Lithography Technology.</p>
36	Coating, painting, glueing and cleaning of complex 3D-geometries	A German company offers to transfer their innovative nail polishing application system to industrial coating and cleaning tasks. The technology improves quality, increases resource efficiency and saves time wherever uneven surfaces occur or where edges cause problems, e.g. in medical devices, decoration, metalworking, automotive or aerospace industry and others. Industrial licensees are sought, who would like to adapt the technology to their requirements.	TODE20190708001	<p>The German company is looking for industry partners who are interested in licensing the technology and adapting it to their individual applications.</p> <p>The company would support the adjustment process. Here they offer mainly consulting and patent licensing. However cooperative projects with machine manufacturers for the adjustment are possible within the license agreement.</p>
37	Soluble lead flow battery and conditioning method	A German university offers a new solution for energy storage devices that contain an electrochemical cell. The process stabilises cell performance and leads to an increased cell and battery life. The invention is ideal for renewable energy applications. Industrial partners are sought for license agreements.	TODE20190701002	The university offers access to rights for commercial use as well as the opportunity for further co-development to industrial companies within license agreements. Partners would be involved in energy storage device manufacturing and research. They would contribute to taking the lab-tested invention and developing it to market readiness.

38	<p>A range extender technology package is offered as a subsystem for hybrid power management systems to be used in automotive, marine and power generation applications</p>	<p>A Dutch SME has developed a compact range extender technology to be used for hybrid motor applications in transport and power generator areas.</p> <p>The main advantages are reduced fuel consumption, compact light weight design and ready to use base technology, resulting in a faster and cheaper full scale development cycle.</p> <p>The SME is interested in a commercial agreement with technical assistance with researchers and manufacturers of hybrid motors or other hybrid power based systems.</p>	<p>TONL20190704001</p>	<p>Type of partner: Industry or research institutes</p> <p>Partners: Manufacturers of hybrid motors and/or hybrid power management systems. Development departments or research institutes for hybrid motors and/or hybrid power management systems.</p> <p>Role of the partner: The manufacturer and/or researcher of the hybrid motor and/or hybrid power management system is desired to provide the specifications for their application. Also it is expected that the manufacturer and/or researcher becomes co-developer and manufacturer of the final application.</p> <p>The Dutch SME offers the range extender technology package and will give support to come to a quick win-win and a final successful application of the hybrid power system.</p>
39	<p>Non-destructive measuring method and instrument to gain information about the mechanical characteristics directly on the metal component</p>	<p>A mechatronic Italian small engineering company (NACE 72.1) developed an innovative non-destructive method and instrument to measure mechanical characteristics, directly on the component eliminating the need to laboratory tensile testing on a sample. It offers commercial agreements with technical assistance to measuring instruments distributors, and license agreement to manufacturers of metalworking machines, metal processing industries, G&Oil and chemical industries.</p>	<p>TOIT20190705001</p>	<p>SME measuring instruments distributors, for distribution, marketing and assistance in EU countries (commercial agreement with technical assistance)</p> <p>SME companies that:</p> <ul style="list-style-type: none"> - manufacture semi-finished metals obtained from foundry, moulding, extrusion; - manufacture equipments, machinery and large carpentry for building, chemical, gas&oil, energy industries; - offer engineering and industrial services of quality assurance and process control. <p>These companies to test and implement the new measurement method for the quality control of final /semi-finished products (license agreement).</p> <p>Medium and big Chemical, Gas&Oil, Steel mills companies, to test and implement the new measurement method to monitoring the critical components reliability during the plants maintenance phase (license agreement).</p>
40	<p>German research team looks for partners for further development of a promising wave energy converter concept</p>	<p>A German SME would like to develop a wave energy converter further. The converter based on the "New Bristol Cylinder" concept - a known but unexplored concept. The company seeks for cooperating and self-financing partners in research, engineering and demonstration activities. Cooperation is possible via a research/technical cooperation agreement, preferably in joint projects with industrial partners and research partners who are prepared to take coordination role or under a financial agreement.</p>	<p>TODE20190619001</p>	<p>The company seeks for cooperating and self-financing partners in research, engineering and demonstration activities. The partners should have technological expertise in marine technology, mooring, sea cabling, electrical engineering, control technology, monitoring, hydraulic and civil engineering, energy supply and/or installation and maintenance of marine structures.</p> <p>Together with our partners, the research team would like to:</p> <ul style="list-style-type: none"> - Develop the concept further - Prove the technical feasibility - Prove the economic viability of the concept - Make use of available solutions - Connect to industrial partners to adapt for foreign markets - Use testing and demonstration facilities

				- Develop a product of market readiness. The company looks for a cooperation in the frame of a research or technical cooperation agreement, preferably in joint projects with industrial partners and research partners. Preferred is a partner who takes over the coordination role. A cooperation under a financial agreement is also possible.
41	New green plastic produced with milk scraps from non-edible milk	An Italian University spin-off has developed and patented a method for the production of new 100% biodegradable and compostable plastic materials, based on natural polymers, made from milk scraps, from non-edible milk, using an eco-sustainable synthesis. The company is looking for partners interested in producing and commercializing this kind of material under license agreement with technical assistance.	TOIT20190626001	Partners sought are agrofood companies, interested to offer an ecological and biodegradable packaging and reduce waste disposal costs. They will also be able to take advantage of a real path of support that leads to the replacement of traditional plastic with bioplastics.
42	A Portuguese company is looking for a partner for a joint venture agreement to take an urban wind utilization unit to the commercialization stage.	The Portuguese SME operating in the development of renewable energy equipment has developed a specific and innovative technology project, an urban wind utilization unit for the production of electrical energy to be installed in buildings, and is looking for a partner to take it to the commercialization stage through a joint venture agreement.	TOPT20190709001	This company is looking for industrial partners wanting to establish a joint venture agreement. Companies from the construction sector or equipment manufacturers are welcome. The expertise of the partners should contribute to lead the product - an urban wind utilization unit for the production of electrical energy to be installed in buildings - to the commercialization stage
43	Greek organisation that provides certification services seeks innovative technologies in the fields of environment, bioplastics, food and sustainability.	A Greek subsidiary of an international organisation that provides certification services for security, safety, quality, environment and resource management is looking for companies abroad that could provide them with effective and innovative technologies in the fields of environment, bioplastics, food and sustainability under a commercial agreement with technical assistance. Also, effective and innovative services are sought under services agreement.	TRGR20190612001	The organisation wishes to: - identify providers (companies/industry) of innovative technologies with a view to collaboration and technology transfer. This is envisaged as a commercial agreement with technical assistance as they require additional technical help to support the transfer, and/or - companies that could provide them with innovative services under a services agreement, on the following areas: - management systems - products' certification - industrial inspections - verification solutions in the sectors of environment, bioplastics, food, sustainability, LCA, EPD.
44	Bespoke Direct Current Current Transducers (DCCTs) required for the largest particle physics accelerator in the world	The European Organisation for Nuclear Research (CERN) is looking for the supply, under manufacturing agreement, of 32 bipolar voltage output Direct Current Current Transducers (DCCTs) with two nominal current ratings ranging of 14 kA to 18 kA and a 12 hour stability of less than 0.5 parts in 10 ⁶ (ppm), for the Large Hadron Collider (LHC) which is the world's largest and most powerful particle accelerator. CERN is looking for suppliers of 32 pieces, through public tender procedure.	TRCH20190626001	The partner will be able to deliver the transducers according to the CERN suppliers guidelines and characteristics required, under a manufacturing agreement.
45	Software and hardware partners sought for further development of a brain activity capture	A Midlands based UK company specialising in neuroscience for the sport and fitness sector is seeking hardware developers to	TRUK20190709001	Hardware and software partners can be from industry, academia or research organisations.

system to be integrated into a variety of applications

aid with the development of a brain activity sensor system which uses electroencephalography (EEG) to track brain signals during a variety of activities. The company is also seeking software developers to develop an application which can take data from the hardware system and present it to a user/s mobile device. Technical cooperation agreements are envisaged.

Working in collaboration, the desired partners will collectively develop a system which can record brain activity during a variety of activities and display results in a user friendly format via a mobile app.

Hardware partners: to aid with the development of an EEG capture system to be integrated into a number of applications.

Specific areas of expertise which are desirable but not essential;

- sensor development,
- electroencephalography EEG,
- photoplethysmography PPG,
- processors,
- amplifiers,
- PCB polychlorinated biphenyls
- Bluetooth,
- mobile integration.

Software partners: Development of software which can be integrated with their algorithms and hardware. Specific areas of expertise which are desirable but not essential;

- iOS,
- android,
- API,
- bluetooth,
- firmware,
- electroencephalograph (EEG) processing,
- user experience UX design.

2. Informes Tecnológicos

1. [Informe «The advance of automation. Business hopes, fears and realities» \(The Economist Intelligence Unit y UiPath\)](#)
2. [European Private Business Survey 2019. Time to act: moving from good to great in times of uncertainty and digital transformation \(PwC\)](#)
3. [Aerospace & Defense Technology Vision 2019. Harness the engine of innovation. Elevate customer experience to soar in a post-digital world \(Accenture\)](#)
4. [Informe «El mercado laboral digital a debate: plataformas, trabajadores, derechos y WorkerTech» \(Fundación COTEC, Ouishare y Malt\)](#)
5. [Study on mapping Internet of Things innovation clusters in Europe \(Comisión Europea\)](#)
6. [Informe «Breaking Through Disruption: Embrace the Power of the Wise Pivot» \(Accenture\)](#)
7. [Informe «Inteligencia artificial: personalizando la experiencia de cada cliente» \(Multinacionales por marca España\)](#)
8. [Informe «Caterpillars, Butterflies, and Unicorns: Does Digital Leadership in Banking Really Matter?» \(Accenture\)](#)
9. [Informe «Tecnología con propósito. El impacto social de la empresa en la era digital» \(Observatorio Empresarial Contra la Pobreza\)](#)
10. [Informe «Future of Logistics» \(BID\)](#)
11. [Barómetro Digital 2019 \(Asociación Española de Anunciantes-aea e ISDI\)](#)
12. [Informe «La Consultoría Española – El Sector en Cifras 2018» \(Asociación Española de Empresas de Consultoría – AEC\)](#)
13. [Informe «Smart Manufacturing. The Rise of The Machines» \(GP Bullhound\)](#)
14. [Estudio anual eCommerce 2019. España \(IAB Spain y Elogia\)](#)
15. [Informe «Industria 4.0. 26 buenas prácticas en grandes empresas nacionales e internacionales» \(Orange y Evoca\)](#)
16. [Informe «Future Positive: how companies can tap into employee optimism to navigate tomorrow's workplace» \(BCG Henderson Institute y Harvard Business School\)](#)
17. [Informe «Big Data. 29 buenas prácticas en grandes empresas nacionales e internacionales» \(Orange y Evoca\)](#)
18. [Informe «Top 10 Strategic Technology Trends for 2019» \(Gartner\)](#)
19. [Informe «Ciberseguridad. 30 buenas prácticas en grandes empresas nacionales e internacionales» \(Orange y Evoca\)](#)
20. [Dossier de indicadores del Índice de Economía y Sociedad Digital 2019 \(ONTSI\)](#)
21. [Informe «Internet of Things. 29 buenas prácticas en grandes empresas nacionales e internacionales» \(Orange y Evoca\)](#)
22. [Dossier de Indicadores del Índice de Desarrollo Digital de las Mujeres en España y Europa \(ONTSI\)](#)
23. [Informe «Why addressing ethical questions in AI will benefit organizations» \(Capgemini Research Institute\)](#)
24. [Informe «Top 10 Emerging Technologies 2019» \(World Economic Forum\)](#)
25. [Informe «Transformación Digital en Retail. 35 buenas prácticas en grandes empresas nacionales e internacionales» \(Orange y Evoca\)](#)
26. [Telecomunicaciones y Audiovisual. Informe Económico Sectorial. España. 2018 \(CNMC\)](#)
27. [Informe «Los sindicatos ante los retos tecnológicos» \(Fundación Cotec y Éticas Foundation\)](#)
28. [Informe «Reinventing Cybersecurity with Artificial Intelligence: the new frontier in digital security» \(Capgemini Research Institute\)](#)
29. [Informe «La digitalización y la IA en España: una perspectiva desde el ámbito educativo» \(Multinacionales por Marca España\)](#)

3. 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	<u>ICT PROPOSERS' DAY 2019 H2020 – Misión Andaluza (Acudimos, preguntanos)</u>	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	<u>Nuclear Physics Innovation, Sevilla 2019 – transfer of innovative technology and knowledge from nuclear physics laboratories to the industrial sectors (Co-organizamos, preguntanos)</u>	06-nov-2019	08-nov-2019	Spain	Sevilla
	<u>Visita empresarial WEBSUMMIT 2019 (Hay bolsa de viaje – Solicítala online)</u>	03-nov-2019	08-nov-2019	Portugal	Lisbon
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

				s	
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 – Pregúntanos)	18-nov-2019	20-nov-2019	Germany	Düsseldorf
25	<u>ICT Cluster and SME Mission 2019</u>	19-nov-2019	22-nov-2019	Japan	Yokohama & Tokyo
26	Smart City brokerage event 2019 (Acudimos – Pregúntanos)	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