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Tecnologías de la Información y las
Comunicaciones - Seguridad

(Abril 2019)

1. Listado de Perfiles

2. Perfiles completos

Listado de Perfiles

	Título	Dabstract	Referencia
1	EDIDP: SME in meteorologic/oceanographic sector is sought for a Defence call (Greek SME preferred)	A French SME specialised in the development of simulation tools – particularly Virtual Terrains Generation – in the defence sector is preparing a proposal for the EDIDP call. The project will develop a universal environment simulator able to manage numerous heterogenous data and release specialised visualisation services for several defence-related activities. To complete the consortium, a Greek SME in the meteorologic/oceanographic area is sought to design and run different scenarios.	RDFR20190318001
2	[Eurostars2 Project] Cloud based English negotiation learning platform	A South-Korean SME is looking for R&D partners to develop a software program which deals with training and consulting business negotiation in English. The proposal will be submitted in the Eurostars2 call (deadline 15th Sep 2019) and is looking for partners to work on the e-learning system as well as negotiation document management system and develop the business model for commercialization of the service.	RDKR20190319001
3	Fast Track to Innovation: looking for an R&D institute or university for developing an innovative solution for automotive manufacturing industries	A Spanish SME is leading a project proposal to the next Fast Track to Innovation programme call. The project aims to develop a new concept of a “Manufacturing Execution System” solution, based on an innovative solution for the data capture in manufacturing industries of the automotive sector, which will improve the decision making process of the companies. The consortium is looking for R&D institutes or universities with advanced knowledge in Industrial Internet of Things (IIoT) communications.	RDES20190328001
4	Italian company seeks partners for a H2020 FTI call: Hierarchical I/O Planning, Placement, and Optimization for Systems 4.0	An Italian emerging EDA (Electronic Design Automation) company, delivering disruptive software solutions to enable and accelerate the 3D-design of electronic products is looking for 3 technological partners to apply for an H2020 EIC FTI. The project’s objective is to customize and demonstrate an advanced I/O planning technology that reduces design time, enabling a higher level of integration of 2.5D and 3D-IC for next generation electronic products in European and extra European markets.	RDIT20190325001
5	A highly sensitive quartz temperature sensor – a method of manufacturing	Bulgarian academic research institute is developed innovative technology for production of highly sensitive quartz resonators, potentially applicable to thermal control even in the range of cryogenic temperatures. The sensor, ready for production, could be used in devices for accurate temperature measuring with high sensitivity and reliability. The team seeks collaboration with EU research institutions and companies for developing devices transforming frequency response into a temperature.	TOBG20190301001
6	Systems for visualization of irregularities on surfaces	Bulgarian research institute has developed automated optical 2D scanning system for visualization of structural irregularities on solid surfaces. The system is simple, non-expensive and allows detection of: mechanical defects, changes in surface electrical characteristics, surface states, chemical composition, the presence of impurities. This method is sensitive, non-destructive, and easy for implementation and could be used in non-destructive technology. The team seeks for service agreement.	TOBG20190320001
7	Novel Electromagnetic Sensor for Contaminations in Fog Based on the Laser-induced Charge Effect	Bulgarian research institute has developed a sensor which is capable of measuring the presence of contamination and estimates its relative concentration. The sensor uses liquid layer that allows for removing the layer of fog condensation at the solid surface and the signal variation due to fog dynamics density variation. It is able to measure only the contribution of the fog admixtures to the surface photo-charge effect signal. The institute offers commercial agreement with technical assistance.	TOBG20190320002
8	Platform that offers a single environment for the visualization and exploitation of all the monitorable signals regardless of their nature or origin.	A Spanish company has developed a platform that offers a single environment for the visualisation and exploitation of all monitorable signals regardless of their nature or origin. They seek to establish services agreements and technical cooperation agreements to expand their international presence. The platform also includes adequate tools for conducting customised analysis sessions at a user level.	TOES20190319003

9	Set of software components for the supervision and monitoring of industrial, energy and smart processes	A Spanish company that has developed a set of software components for the supervision and monitoring of industrial, energy and smart processes, is seeking to establish services agreements and technical cooperation agreements. This product integrates all the available information sources, processes all the capture signals and offers tools for the supervision and analysis of data improving operational business decision-making processes.	TOES20190320001
10	Large worldwide data record system offered for health research projects, vector maps and feasibility/exploratory studies	Spanish research institute focused in primary care offers one of the largest primary care real world data (more than 5,8 million people) including more than 150 available clinical and demographic data variables for different purposes (research projects, feasibility/exploratory studies, etc.). The institute is seeking institutions and companies for research and technical cooperation agreements.	TOES20190320002
11	New technology for development of load cells with integrated MEMS sensor	Bulgarian research organization is working in the field of mechatronics and robotics. The research team offers a new technology and product for development of load cells with integrated MEMS sensor. The innovation is that the new product can be used for measurement of forces from several grams to 1 ton. The sought cooperation type is research partnership agreement.	TOBG20190404001
12	License for a pulse generator circuit with high pulse repetition rate and synchronisation to an external HF signal	A German research institute has developed a pulse generator circuit with high pulse repetition rate and synchronisation to an external high-frequency (HF) signal. High pulse repetition rates are used for a variety of applications in controlling of electro-optical devices as diode lasers, pockels cells, electro-optical modulators or even image intensifiers. The institute looks for partners for the joint further development of the functional model (tech. cooperation agreement) and for licensees.	TODE20190328007
13	License for SQUID-based noise thermometer to measure thermodynamic temperatures in the low-temperature range	A German research institute has developed a SQUID-based (superconducting quantum interference device) noise thermometer to measure thermodynamic temperatures in the low-temperature range. The application of noise thermometers is useful as a reference thermometer at low temperatures (< 1 K), especially below 10 mK. Noise thermometers cover the entire temperature range of at least 0.9 mK to 4.2 K. The research institute is searching for licensees.	TODE20190328009
14	License for mirror component for ultra-stable resonators	A German research institute has developed a novel mirror concept for fabry-perot resonators which leads to a higher frequency stabilization of the resonator with less effort for the temperature stabilization. Fabry-perot resonators are used to stabilize laser systems. The research institute is looking for licensees.	TODE20190328008
15	Microfabrication of multilayer atom and ion traps	A German research institute has developed a process for the microfabrication of multilayer atom and ion traps. Microstructured atom and ion traps are a promising platform for quantum sensors and are well suited to implement future quantum computers. The institute has developed several techniques to manufacture planarized thick film structures that fulfill the stringent requirements set by atom and ion traps. The institute is looking for licensees and technical cooperation agreements.	TODE20190328005
16	Receiver system for fiber-guided ultra-precise frequency signals	A German research institute has developed a receiver system for fibre-guided ultra-precise frequency signals. The system enables the transmission of the signal of an ultra-stable single-frequency laser over long distances in regular telecommunications optical fibres, solves the problem of the connection of a large number of customers to a single fibre link and represents a significant step in the transmission of the time signal of an optical clock. The institute is searching for licensees.	TODE20190328006
17	License for piconewtons transfer standard with micro-electro-mechanical systems (MEMS)	A German research institute has developed a piconewtons transfer standard with micro-electro-mechanical systems (MEMS). This standard enables the calibration of atomic force microscopes as the bending stiffness of their cantilevers can be exactly determined. The offered solution based on a reference surface enables the use of atomic force microscopes as force sensor in pharmaceutical and material research. The institute is looking for licensees and partners for technical cooperation agreements.	TODE20190328003
18	License for a bending neutral pressure distribution plate for the measurement of middle to very large forces	A German research institute has developed a bending neutral pressure distribution plate for the reduction of measuring uncertainties during the measurement of middle (10 kN) to very large forces (higher than 10 MN). Currently such measurements require the connection of several calibrated force transducers	TODE20190328004

		together to form a built-up measuring system. Due to the special geometry of the system complex compensation mechanisms become unnecessary. The institute is looking for licensees.	
19	Force measurement device enabling the measurement of tensile and compression force without changes of the measurement setup	A German research institute has developed a force measuring device which enables the measurement of tensile and compressive forces without changes of the measurement setup. Due to the offered redirection device changeover times are eliminated. Hereby new and faster calibrations are possible for the entire tensile and compressive force measuring range with zero passage. Additional advantage is that only one climate chamber is needed. The research institute is looking for licensees.	TODE20190328001
20	License for a built-up measurement transducer system for torques	A German research institute has developed a built-up measurement transducer system for torques based on the interlocking of several transducers. The technology of the research institute allows a multiplication of the calibration area. The measuring principle enables the combination of transducers and hereby the application in greater loads of torque measurement. The institute looks for licensees.	TODE20190328002
21	Leakage sensitivity controller for the prevention of electrocution with plug-n-play use	A Greek inventor with a long-standing experience in the field of sales and distribution of electrocution prevention devices, has developed an innovative leakage sensitivity controller that protects human life against electrocution and simplifies the installation with a plug-n-play interface. The inventor and his team are open to collaborations under manufacturing, joint venture and/or license agreements.	TOGR20190329001
22	A Turkish R&D company looking for partners interested in developing next generation EcoDriving tools	A Turkish company, specialized in engineering services for automotive, is looking to develop a project to reduce commercial vehicle fuel consumptions with a novel methodology the company itself developed. This methodology aims to reduce driver effects on fuel consumption with adaptive tracking. The company use its automotive background in this method. The company is looking for research cooperation agreements to carry out further tryout and prepare a joint work under the H2020 or Eureka call.	TOTR20190321001
23	A Russian company, specialized in custom software development, offers a solution for ophthalmology diagnostics and is looking for technical cooperation and joint venture agreements	A Russian company from Tomsk, specialized in custom software development, offers the technology which allows to define retina condition based on digital photographs from fundus cameras and discover diseases such as diabetic retinopathy or glaucoma. The company is looking for partners interested in technical cooperation and joint venture agreements.	TORU20190315001
24	Russian company specialized in neural networks is looking for international partners for technological cooperation	A Russian company from Moscow specialised in a neural networks, offers solutions for accelerated learning and lower hardware cost. The company is looking for other developers for technical cooperation and end users for commercial agreements with technical assistance, in a wide variety of sectors including metallurgy, finance, transport, education.	TORU20190315002
25	Online solution for marketing strategy definition based on competitors	A Spanish ICT company has developed an innovative tool that analyses the online competitors advertising strategy in real time. It allows the user to launch online advertising campaigns in a more efficient way, finding niche positioning with low levels of competition. The company is looking for license agreements.	TOES20190319002
26	Platform for analysing global competition in different digital marketing channels	A Spanish ICT company has developed a solution for analysing global competition in the different digital marketing channels. It provides insights about the competitors strategies allowing the user to define the best digital marketing strategy according to that. The company is looking for partners for license agreements.	TOES20190321001
27	Automatic gas detection system and alert software for smart industrial monitoring through infrared cameras	A Spanish tech-based company, has developed an automatic gas detection and alert software system for smart industrial monitoring through infrared cameras. It enables exhaustive monitoring and real-time alerting regarding different threats for industries such as gas, fire, flares, liquid leaks, etc. The company is looking for license agreements.	TOES20190326001
28	Application to manage all the keys to access any environment (web, social network, physical place,...)	Spanish ICT start-up has developed an application to operate all the keys to access any environment (web, social network, physical place,...) and the users can have a universal access with their smartphone. It is designed to store, in a safe manner, the set user/pass in the mobile device and be able to share (an encrypted version) with clients a credential. The company is looking for licence agreement.	TOES20190404001

29	Integrated Water Resource Management: from software to policies	A Belgian academic research center has developed a new integrated water resource management decision support software, used by water management stakeholders and scientists. It takes into account natural and anthropogenic loads to assess impacts on the physicochemical quality of waterbodies and associated ecosystems. The water management is extended to economy, climate change scenarios, demographic trends, growth of anthropic pressures... The center is looking for licence and research agreement.	TOBE20190211001
30	Partners sought to co-develop products on the integration of Organic Photovoltaic (OPV) modules	A French company conceives and produces a new generation of low-carbon, flexible and lightweight organic photovoltaic films. This technology can be integrated in smart cities, in urban furniture, transportation, mobile applications, sensors and other consumer products. They are looking for partners to co-develop new products integrating organic photovoltaic modules under research or technical cooperation agreements.	TOFR20190212001
31	An established Slovak research institute has developed a pressure sensor for extreme conditions and is looking for licensees or investors	An established Slovak scientific and research institute has successfully managed a piezoelectric pressure sensor based on GaN material substrate, intended to operate in extreme conditions of high temperature and chemically aggressive environment, with high electron mobility transistor (HEMT) as sensing element. The preferred cooperation types are license agreement or financial agreement.	TOSK20190312001
32	An established Slovak research institute has developed a novel probe for realization of local charge transient analysis and is looking for licensees or investors	Established Slovak scientific and research institute has developed a novel probe for realization of local charge transient analysis. Charge transient microscopy displays the relief or other characteristic of the surface layer with high spatial resolution using a scanning transient microscope probe placed and moved in a short distance from the displayed surface. The preferred cooperation types are license agreement and financial agreement.	TOSK20190325001
33	An innovative Italian start-up offers a technology to optimize the production process of spirulina alga for food uses	An innovative start-up has developed and patented, in collaboration with a multinational, a new technology for optimizing the production process of spirulina for food uses. It is an eco friendly environmental production plant that allows the production of spirulina to be increased for ten times the productions with the same extension of land. The start-up looks for partners who intend to build new plants by using the technology under commercial agreements with technical assistance.	TOIT20190305002
34	Filter unit with microwave resonator offered for a license agreement.	Researchers of a German university developed a filter unit with one or multiple microwave resonators integrated into the filter material to monitor filter load during operation. In this way filter exchange intervals can be adjusted to actual filter capacity. The technology is applicable for filtration of contents out of gases or fluids in the fields of industrial waste air, safety at work, fire service and disaster control. The university offers its invention for a license agreement worldwide.	TODE20190327001
35	Graphene transistor system for measuring electrophysiological signals	A Spanish biomedical research networking center has developed an innovative flexible and versatile graphene-transistor array for measuring electrophysiological signals in biological systems such as brain, heart, kidneys, stomach, cranial nerves, and other regions, looking to establish a license, research cooperation or technical cooperation agreements.	TOES20190321003
36	Development of Magneto-Rheological Elastomer	The Korean SME developed haptic solution technology, originated from a smart material called Magneto-Rheological Elastomer (MRE), the technology brings brand-new tactile sensations such as rhythmical tapping, rubbing and many more to the mobile and entertainment devices. The SME is seeking partners to conclude license agreement and commercial agreements with technical assistance to enter the international market.	TOKR20190329001
37	Improved skin model based on lanoline synthetic membranes	A Spanish research institution has developed a lanolin-based synthetic membrane as percutaneous absorption model for transdermal delivery of actives studies. The system mimics mammalian skin models and may be used in screening tests to estimate the permeability of chemicals through human skin. Industrial partners from the cosmetic industry or dedicated to the manufacture of lab technologies interested in patent licensing and/or in a research collaboration are sought.	TOES20190304001

38	UK based SME offers a partnership to invest in the further development and application of a pumping technology that has no moving parts.	<p>A novel pumping concept which uses low-pressure gas to induce an in pipe vortex, without internal moving parts, using optimized orifices to induce fluid propulsion.</p> <p>This UK engineering design company (previously manufacturer) seeks a commercial technologically based Joint Venture partner or Licensee to invest in:</p> <ul style="list-style-type: none"> - Prototype development (scale/deployment) - Materials choices (metals/polymers) - Research in various applications (Fluids/mixed media/gases) - Manufacturing options 	TOUK20190319001
39	Fuel cells R&D capacities offered with a view to contribute to challenging projects within a project consortium	A Czech university research centre offers collaboration in R&D in fuel cells field. The research team focuses on degradation phenomena in polymer electrolyte fuel cells, synthesis of advanced polymer electrolyte materials with increased thermal and mechanical stability, and theoretical description and numerical modelling of transport processes in electrochemical cells (based on non-equilibrium thermodynamics). The centre is looking for industrial partners for research cooperation agreement.	TOCZ20190313001
40	Environmental Satellite data exploitation in real time and fully automated manner for precision viticulture	An Italian company that provides an advanced decision support system for precision viticulture able to operate world wide, is looking for: 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 center in the ICT sector to further technological improvement of the system, under research or technical cooperation agreement.	TOIT20190401001
41	Technological tool that is able to scan social networks and detect critics, incidents or automatically obtain helpful information for an organization.	<p>The product consist in a technological tool developed in Malaga by a company specialized in technology and consulting services applied to public administrations in a smart city context.</p> <p>The platform is able to scan a whole social network within a predefined geographical limit. It automatically detects the comments that contain helpful information for an organization using semantic algorithms and image recognition software. The company seeks financial, techonological or commercial support.</p>	TOES20190301001
42	Energy saving technology using artificial intelligence seeks commercial agreement with technical assistance	<p>A UK SME is using machine learning and artificial intelligence to provide highly scalable energy demand management products for the UK and international energy markets.</p> <p>The UK company is seeking commercial agreements with technical assistance so they can trial their new product with facilities managers, operations directors, finance directors etc, to deliver lower energy bills and potentially create new revenue streams for building owners and operators.</p>	TOUK20190312001
43	New battery test systems capable of reproducing safe, continuous and pulsed battery charge/discharge	<p>A Spanish research institute working on energy storage has set up a new battery test system adapted to new battery applications.</p> <p>The system offers very flexible configurations needed to test different devices and chemistries. They are looking for a service agreement for testing battery systems, and for technical cooperation agreement for developing advanced testing equipment.</p>	TOES20190318001
44	Industrial wireless sensors for Internet-of-Things applications with customizable platform	<p>A Singapore SME specialising in the design and manufacture of semiconductors and Internet-of-Things (IoT) systems has developed affordable IoT sensors for industrial customers leveraging sensors, wireless communications and power supply technologies, such as solar.</p> <p>The SME has also developed a flexible IoT platform for applications in commercial buildings and factories.</p> <p>The SME seeks to partner SMEs/MNEs via licensing/commercial agreements with technical assistance. e.g installation.</p>	TOSG20190307001
45	Sound absorbing material with nanofibrous resonant membrane	A Czech university has developed a sound absorbing panel with nanofibrous membrane for applications in room acoustic, transportation and noise control. The sound absorbing material solves noise problem of wide frequency spectrum and is lighter and thinner than others. The scientists are looking for partners interested in further research and development based on a technical cooperation agreement and for companies interested in production under a license agreement.	TOCZ20190409001

46	Cooperation with German partners sought for new annamox technology for the removal of nitrogen from municipal and industrial wastewater and sludge	<p>The Dutch SME developed a new technology for the removal of nitrogen from municipal and industrial wastewater. Germany has new rules on nitrogen in sewage treatment plants (STP). The technology will help to reach the new limits and requirements.</p> <p>The company is offering a commercial agreement with technical assistance to a German partner with expertise in the municipal waste water treatment sector, as a main constructor or contractor from specific parts of a sludge line.</p>	TONL20190205001
47	Innovative technology for a high efficiency and zero emission drying of waste sludge or biomass without use of external fossil fuels	<p>An Italian company specialised in design, construction and operation of plants for the disposal of any type of waste and subsequent energy recovery, has developed a new drying technology to treat any kind of waste sludge and biomass. The new technology is featured by no need of fossil fuels: it allows a self-supporting operation either in small or big scale. The company is looking for new partners interested in Commercial agreement with technical assistance or Technical cooperation agreement.</p>	TOIT20190201001
48	Mixed reality training system for dynamic future digital trends foreseeing	<p>A Bulgarian academic research group has developed a prototype of a mixed reality training cyber-physical environment, combining virtual, real and augmented worlds. A multimodal biometric set of psycho-physiological parameters is monitored, stored, analysed and stimulated in a test bed training environment. The idea supports foreseeing analysis towards the new digital Society 5.0 development plans. The research team seeks commercial agreement with technical assistance or services agreement.</p>	TOBG20181214001
49	A method and system for the pagination of a printed publication, and printed publication obtained thereof is offered for licensing.	<p>An SME, with its origin in Lourical, Portugal is searching for licensing partners for novel pagination (see the Picture) for which patents have been applied for but not yet granted. It should be particularly interesting to the reproduction of complex information to printed supports.</p> <p>The ideal partner has the dimension and ambition to challenge the status quo and improve their customers' experience in reading published contents.</p>	TOPT20190121001
50	Smart system for green areas maintenance	<p>An innovative start up based in Milan developed a new smart system able to collect and process all the environmental data necessary for monitoring the maintenance of green areas both in public/private gardens and in football fields. The company is looking for foreign companies in charge of green maintenance services interested in commercial agreement with technical assistance. Company owners have 30 years' experience in the field and are able to adapt the system upon specific requests.</p>	TOIT20181018001
51	Highly sophisticated industrial optical quality control system	<p>A German SME has developed an advanced and highly sophisticated optical quality control system for inline quality assurance in manufacturing of plastic, metal, glass and paper products, requiring surface analysis, print inspection, position control, measurement, and completeness check. The system enables to reduce pseudo-defects rejection to a minimum while ensuring the highest defect detection rate. Partners are sought for commercial agreements with technical assistance.</p>	TODE20190404001
52	Adaptive control system that saves energy and reduces wear	<p>A German university developed an adaptive two-position controller with reduced control-value range for application in engines, pumps, heaters and others. It saves energy and reduces wear. Industrial licensees are sought.</p>	TODE20190404002
53	Drivetrain integrated DC-DC converter for multiple voltage level vehicles	<p>A German university is developing a powertrain integrated DC-DC converter for hybrid vehicles. The new solution has less space requirements and it weighs less than conventional systems. Thus it results in cost savings. Industrial partners are sought to develop the invention to market maturity within technical cooperation and for license agreements.</p>	TODE20190322002
54	Digital twin technology for planning and monitoring cities and construction	<p>A German company with expertise in virtual and augmented reality (VR/AR) and web application development offers a digital twin technology solution for the construction industry and smart cities. It renders it possible to digitally design, simulate, engineer and monitor sites or entire cities, thus saving time, cutting costs and reducing waste. Partners are sought for licensing, commercial agreements with technical assistance or research agreements.</p>	TODE20190328010
55	Diagnostic solution for manufacturing product cost reduction	<p>A Singapore SME has developed a costing diagnostics software for the manufacturing industry to address the concerns of cost wastage. The 99.99% accuracy of the software allows continuous improvement of cost saving activity through modelling. Apart from being accurate, the product also saves time and effort for the</p>	TOSG20190314001

		management and engineers.	
		The SME seeks partnerships with MNEs and SMEs of all sizes through technology licensing agreements.	
56	Artificial intelligence-based hardware biometric authentication system	<p>A Singapore SME has developed a biometric security and verification solution leveraging hardware-based artificial intelligence to facilitate content security. It provides local storage as an option and addresses data security needs and is ideal for scenarios where biometric security has to be maintained locally without dependency on cloud infrastructure.</p> <p>The company seeks to partner SMEs of all sizes or MNEs through licensing agreements.</p>	TOSG20190314002
57	Cleaning robot swarm	A German university developed a navigation method for cleaning robots. The robots in the swarm divide the space between each other which makes the cleaning efficient and with low multiple coverage. The university offers a license and a technical cooperation agreement.	TODE20190312001
58	Bulgarian research organization offers license for braille screen device	A Bulgarian research team is working in the field of creating 3D models of historical objects and 3D printing of tactile matrices for visually impaired people. The researchers offer a new braille screen device helping visually impaired people, which offers advantages related to the technical development of the screen. The research team is looking for companies interested in a license agreement.	TOBG20190130001
59	Seeking technological cooperation partner for scaling up of anaerobic treatment of biodegradable waste liquids	A Spanish university offers a new anaerobic treatment of complex wastewater with biogas production, which is optimized for the agrofood sector. The new treatment is conformed by a bioreactor. A support material is used, in a non-arranged way, increasing the active biomass accumulation capacity and allowing downwards flow in the digestion tank. Industrial partners specialized in designing and installing depuration plants are sought for a technical cooperation or licence agreement.	TOES20190312001
60	A novel and multifunctional biomarker for cancer	A German research team has demonstrated the link between Thrombospondin Type-1 Domain containing 7A Protein and various cancer types and presents a new way to use this tumor specific to improve cancer treatment efficiency by early diagnosis. Sought are industrial or institutional partners involved in the development and/or production of cancer biomarkers, cancer diagnosis/therapy, and research of cancer treatment for licensing, transfer of rights, knowledge transfer, or R&D cooperation.	TODE20190221001
61	Automation separating system for consumer goods sought	A consumer goods manufacturer located in the Western part of Austria is seeking an automation separating system. The solution should move articles with different shapes into trays. Potential partners are industrial companies with an existing solution, or they are keen to customize a suitable solution together with the Austrian company under a technical cooperation agreement.	TRAT20190401001
62	Structured data for audit process	<p>Dutch company, part of an international accountancy & advisory firm is looking for companies that can help to develop a solution to turn unstructured data from different sources into structured information for the audit process without losing the trace to its original source.</p> <p>Collaboration based on a Research Cooperation Agreement or a Technical Cooperation Agreement.</p> <p>This Technology Request refers to an innovation challenge published on an open innovation platform.</p>	TRNL20190328003
63	Seeking companies with know how in biogas and fertilizer production plants, interested in collaborating within a project to be launched in Senegal	An Italian company skilled in planning and managing urban and industrial facilities, has carried out a feasibility study regarding a biowaste recovery project aimed at fertilizer and energy production to be implemented in Dakar, Senegal. The project is expected to be funded according to the Cotonou Agreement. It is looking for companies with know how in biogas and fertilizer production plants, interested to be involved in the project activities through a Technological Agreement.	TRIT20190402001
64	Dutch based international company specialized in Customs & Trade Control is looking for a solution in the sense of an automated classification system according to Harmonised System standards (World Trade Organisation) and value validation.	<p>Dutch company specialized in Customs & Trade Control supports clients with all customs- and cross-border handling transactions.</p> <p>Due to increasing e-commerce, the import flow of a variety of products from outside EU, mainly China, is growing and subject to customs regulations which is done manually. Therefore company is looking for an automated system for classification of goods and value validation in co-creation or as a partner in the frame of a services or technical cooperation agreement.</p>	TRNL20190328001

65	Energy saving technology for IT equipment and software applications sought by Dutch telecom provider	Dutch telecom company with various networks providing telecom, IT and television services is looking for technology to reduce and monitor energy of software applications and hardware. For example by making the data traffic and usage responsive or using more energy efficient software coding. The company aims to set up a cooperative pilot project to demonstrate the potential of the technology within the framework of a services agreement. This challenge is published on an open innovation platform.	TRNL20190408001
66	An Italian company is looking for high resolution photomasking techniques for imprinting customised chromed glass lenses	An Italian company offers advanced lighting solutions and services for architectural light projections and various events, by using dedicated projectors and special lenses, varying in size, materials and design. The company is looking for a high resolution photomasking technique for finely imprinting customised lenses of chromed glass. The company is interested in existing solutions, possibly to be further customised or developed jointly, under a commercial or technical agreement.	TRIT20190312001
67	Spanish SME seeks partners providing a railway track section in Germany, United Kingdom or Ireland to run pilot tests of its innovative railroad environment monitoring device under technical cooperation agreement.	Spanish beneficiary of SME instrument phase 2 is developing a measurement device, which records geometrical parameters of railroad lines and seeks partners able to provide a railroad stretch to carry out pilot tests in Germany, United Kingdom or Ireland. A technical cooperation scheme is intended, whereby the SME could both get a valuable feedback from the field experience of the partner and gather requirements of infrastructures helping the technological development of the device.	TRES20190325001
68	A Chinese company is seeking oil vapor recovery and process solutions and on-line monitoring system for gas stations	This is a Chinese group company specialized in manufacturing of oil tank gauges for filling stations and tank trucks, leak sensors and monitors as well as double-wall FRP oil tanks. They are seeking novel technologies and products related to oil vapor recovery and process solutions and on-line monitoring system for gas stations. Ideally the company is looking for a technology license.	TRCN20190315001

Partnering Opportunity

Research & Development Request

EDIDP: SME in meteorologic/oceanographic sector is sought for a Defence call (Greek SME preferred)

Summary

A French SME specialised in the development of simulation tools – particularly Virtual Terrains Generation – in the defence sector is preparing a proposal for the EDIDP call. The project will develop a universal environment simulator able to manage numerous heterogenous data and release specialised visualisation services for several defence-related activities. To complete the consortium, a Greek SME in the meteorologic/oceanographic area is sought to design and run different scenarios.

Expiration Date 02 June 2019
Reference RDFR20190318001

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Partnering Opportunity

Research & Development Request

[Eurostars2 Project] Cloud based English negotiation learning platform

Summary

A South-Korean SME is looking for R&D partners to develop a software program which deals with training and consulting business negotiation in English. The proposal will be submitted in the Eurostars2 call (deadline 15th Sep 2019) and is looking for partners to work on the e-learning system as well as negotiation document management system and develop the business model for commercialization of the service.

Expiration Date 15 August 2019
Reference RDKR20190319001

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Partnering Opportunity

Research & Development Request

Fast Track to Innovation: looking for an R&D institute or university for developing an innovative solution for automotive manufacturing industries

Summary

A Spanish SME is leading a project proposal to the next Fast Track to Innovation programme call. The project aims to develop a new concept of a "Manufacturing Execution System" solution, based on an innovative solution for the data capture in manufacturing industries of the automotive sector, which will improve the decision making process of the companies. The consortium is looking for R&D institutes or universities with advanced knowledge in Industrial Internet of Things (IIoT) communications.

Expiration Date 30 April 2019
Reference RDES20190328001

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Partnering Opportunity

Research & Development Request

Italian company seeks partners for a H2020 FTI call: Hierarchical I/O Planning, Placement, and Optimization for Systems 4.0

Summary

An Italian emerging EDA (Electronic Design Automation) company, delivering disruptive software solutions to enable and accelerate the 3D-design of electronic products is looking for 3 technological partners to apply for an H2020 EIC FTI. The project's objective is to customize and demonstrate an advanced I/O planning technology that reduces design time, enabling a higher level of integration of 2.5D and 3D-IC for next generation electronic products in European and extra European markets.

Expiration Date 31 July 2019
Reference RDIT20190325001

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Partnering Opportunity

Technology Offer

A highly sensitive quartz temperature sensor – a method of manufacturing

Summary

Bulgarian academic research institute is developed innovative technology for production of highly sensitive quartz resonators, potentially applicable to thermal control even in the range of cryogenic temperatures. The sensor, ready for production, could be used in devices for accurate temperature measuring with high sensitivity and reliability. The team seeks collaboration with EU research institutions and companies for developing devices transforming frequency response into a temperature.

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Partnering Opportunity

Technology Offer

Systems for visualization of irregularities on surfaces

Summary

Bulgarian research institute has developed automated optical 2D scanning system for visualization of structural irregularities on solid surfaces. The system is simple, non-expensive and allows detection of: mechanical defects, changes in surface electrical characteristics, surface states, chemical composition, the presence of impurities. This method is sensitive, non-destructive, and easy for implementation and could be used in non-destructive technology. The team seeks for service agreement.

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Partnering Opportunity

Technology Offer

Novel Electromagnetic Sensor for Contaminations in Fog Based on the Laser-induced Charge Effect

Summary

Bulgarian research institute has developed a sensor which is capable of measuring the presence of contamination and estimates its relative concentration. The sensor uses liquid layer that allows for removing the layer of fog condensation at the solid surface and the signal variation due to fog dynamics density variation. It is able to measure only the contribution of the fog admixtures to the surface photo-charge effect signal. The institute offers commercial agreement with technical assistance.

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Partnering Opportunity

Technology Offer

Platform that offers a single environment for the visualization and exploitation of all the monitorable signals regardless of their nature or origin.

Summary

A Spanish company has developed a platform that offers a single environment for the visualisation and exploitation of all monitor-able signals regardless of their nature or origin. They seek to establish services agreements and technical cooperation agreements to expand their international presence. The platform also includes adequate tools for conducting customised analysis sessions at a user level.

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Partnering Opportunity

Technology Offer

Set of software components for the supervision and monitoring of industrial, energy and smart processes

Summary

A Spanish company that has developed a set of software components for the supervision and monitoring of industrial, energy and smart processes, is seeking to establish services agreements and technical cooperation agreements. This product integrates all the available information sources, processes all the capture signals and offers tools for the supervision and analysis of data improving operational business decision-making processes.

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Partnering Opportunity

Technology Offer

Large worldwide data record system offered for health research projects, vector maps and feasibility/exploratory studies

Summary

Spanish research institute focused in primary care offers one of the largest primary care real world data (more than 5,8 million people) including more than 150 available clinical and demographic data variables for different purposes (research projects, feasibility/exploratory studies, etc.). The institute is seeking institutions and companies for research and technical cooperation agreements.

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Partnering Opportunity

Technology Offer

New technology for development of load cells with integrated MEMS sensor

Summary

Bulgarian research organization is working in the field of mechatronics and robotics. The research team offers a new technology and product for development of load cells with integrated MEMS sensor. The innovation is that the new product can be used for measurement of forces from several grams to 1 ton. The sought cooperation type is research partnership agreement.

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Partnering Opportunity

Technology Offer

License for a pulse generator circuit with high pulse repetition rate and synchronisation to an external HF signal

Summary

A German research institute has developed a pulse generator circuit with high pulse repetition rate and synchronisation to an external high-frequency (HF) signal. High pulse repetition rates are used for a variety of applications in controlling of electro-optical devices as diode lasers, pockels cells, electro-optical modulators or even image intensifiers. The institute looks for partners for the joint further development of the functional model (tech. cooperation agreement) and for licensees.

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Partnering Opportunity

Technology Offer

License for SQUID-based noise thermometer to measure thermodynamic temperatures in the low-temperature range

Summary

A German research institute has developed a SQUID-based (superconducting quantum interference device) noise thermometer to measure thermodynamic temperatures in the low-temperature range. The application of noise thermometers is useful as a reference thermometer at low temperatures (< 1 K), especially below 10 mK. Noise thermometers cover the entire temperature range of at least 0.9 mK to 4.2 K. The research institute is searching for licensees.

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Partnering Opportunity

Technology Offer

License for mirror component for ultra-stable resonators

Summary

A German research institute has developed a novel mirror concept for fabry-perot resonators which leads to a higher frequency stabilization of the resonator with less effort for the temperature stabilization. Fabry-perot resonators are used to stabilize laser systems. The research institute is looking for licensees.

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Partnering Opportunity

Technology Offer

Microfabrication of multilayer atom and ion traps

Summary

A German research institute has developed a process for the microfabrication of multilayer atom and ion traps. Microstructured atom and ion traps are a promising platform for quantum sensors and are well suited to implement future quantum computers. The institute has developed several techniques to manufacture planarized thick film structures that fulfill the stringent requirements set by atom and ion traps. The institute is looking for licensees and technical cooperation agreements.

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Partnering Opportunity

Technology Offer

Receiver system for fiber-guided ultra-precise frequency signals

Summary

A German research institute has developed a receiver system for fibre-guided ultra-precise frequency signals. The system enables the transmission of the signal of an ultra-stable single-frequency laser over long distances in regular telecommunications optical fibres, solves the problem of the connection of a large number of customers to a single fibre link and represents a significant step in the transmission of the time signal of an optical clock. The institute is searching for licensees.

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Partnering Opportunity

Technology Offer

License for piconewtons transfer standard with micro-electro-mechanical systems (MEMS)

Summary

A German research institute has developed a piconewtons transfer standard with micro-electro-mechanical systems (MEMS). This standard enables the calibration of atomic force microscopes as the bending stiffness of their cantilevers can be exactly determined. The offered solution based on a reference surface enables the use of atomic force microscopes as force sensor in pharmaceutical and material research. The institute is looking for licensees and partners for technical cooperation agreements.

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Partnering Opportunity

Technology Offer

License for a bending neutral pressure distribution plate for the measurement of middle to very large forces

Summary

A German research institute has developed a bending neutral pressure distribution plate for the reduction of measuring uncertainties during the measurement of middle (10 kN) to very large forces (higher than 10 MN). Currently such measurements require the connection of several calibrated force transducers together to form a build-up measuring system. Due to the special geometry of the system complex compensation mechanisms become unnecessary. The institute is looking for licensees.

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Partnering Opportunity

Technology Offer

Force measurement device enabling the measurement of tensile and compression force without changes of the measurement setup

Summary

A German research institute has developed a force measuring device which enables the measurement of tensile and compressive forces without changes of the measurement setup. Due to the offered redirection device changeover times are eliminated. Hereby new and faster calibrations are possible for the entire tensile and compressive force measuring range with zero passage. Additional advantage is that only one climate chamber is needed. The research institute is looking for licensees.

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Partnering Opportunity

Technology Offer

License for a built-up measurement transducer system for torques

Summary

A German research institute has developed a built-up measurement transducer system for torques based on the interlocking of several transducers. The technology of the research institute allows a multiplication of the calibration area. The measuring principle enables the combination of transducers and hereby the application in greater loads of torque measurement. The institute looks for licensees.

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Partnering Opportunity

Technology Offer

Leakage sensitivity controller for the prevention of electrocution with plug-n-play use

Summary

A Greek inventor with a long-standing experience in the field of sales and distribution of electrocution prevention devices, has developed an innovative leakage sensitivity controller that protects human life against electrocution and simplifies the installation with a plug-n-play interface. The inventor and his team are open to collaborations under manufacturing, joint venture and/or license agreements.

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Partnering Opportunity

Technology Offer

A Turkish R&D company looking for partners interested in developing next generation EcoDriving tools

Summary

A Turkish company, specialized in engineering services for automotive, is looking to develop a project to reduce commercial vehicle fuel consumptions with a novel methodology the company itself developed. This methodology aims to reduce driver effects on fuel consumption with adaptive tracking. The company use its automotive background in this method. The company is looking for research cooperation agreements to carry out further tryout and prepare a joint work under the H2020 or Eureka call.

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Partnering Opportunity

Technology Offer

A Russian company, specialized in custom software development, offers a solution for ophthalmology diagnostics and is looking for technical cooperation and joint venture agreements

Summary

A Russian company from Tomsk, specialized in custom software development, offers the technology which allows to define retina condition based on digital photographs from fundus cameras and discover diseases such as diabetic retinopathy or glaucoma. The company is looking for partners interested in technical cooperation and joint venture agreements.

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Partnering Opportunity

Technology Offer

Russian company specialized in neural networks is looking for international partners for technological cooperation

Summary

A Russian company from Moscow specialised in a neural networks, offers solutions for accelerated learning and lower hardware cost. The company is looking for other developers for technical cooperation and end users for commercial agreements with technical assistance, in a wide variety of sectors including metallurgy, finance, transport, education.

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Partnering Opportunity

Technology Offer

Online solution for marketing strategy definition based on competitors

Summary

A Spanish ICT company has developed an innovative tool that analyses the online competitors advertising strategy in real time. It allows the user to launch online advertising campaigns in a more efficient way, finding niche positioning with low levels of competition. The company is looking for license agreements.

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Partnering Opportunity

Technology Offer

Platform for analysing global competition in different digital marketing channels

Summary

A Spanish ICT company has developed a solution for analysing global competition in the different digital marketing channels. It provides insights about the competitors strategies allowing the user to define the best digital marketing strategy according to that. The company is looking for partners for license agreements.

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Partnering Opportunity

Technology Offer

Automatic gas detection system and alert software for smart industrial monitoring through infrared cameras

Summary

A Spanish tech-based company, has developed an automatic gas detection and alert software system for smart industrial monitoring through infrared cameras. It enables exhaustive monitoring and real-time alerting regarding different threats for industries such as gas, fire, flares, liquid leaks, etc. The company is looking for license agreements.

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Partnering Opportunity

Technology Offer

Application to manage all the keys to access any environment (web, social network, physical place,...)

Summary

Spanish ICT start-up has developed an application to operate all the keys to access any environment (web, social network, physical place,...) and the users can have a universal access with their smartphone. It is designed to store, in a safe manner, the set user/pass in the mobile device and be able to share (an encrypted version) with clients a credential. The company is looking for licence agreement.

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Partnering Opportunity

Technology Offer

Integrated Water Resource Management: from software to policies

Summary

A Belgian academic research center has developed a new integrated water resource management decision support software, used by water management stakeholders and scientists. It takes into account natural and anthropogenic loads to assess impacts on the physicochemical quality of waterbodies and associated ecosystems. The water management is extended to economy, climate change scenarios, demographic trends, growth of anthropic pressures... The center is looking for licence and research agreement.

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Partnering Opportunity

Technology Offer

Partners sought to co-develop products on the integration of Organic Photovoltaic (OPV) modules

Summary

A French company conceives and produces a new generation of low-carbon, flexible and lightweight organic photovoltaic films. This technology can be integrated in smart cities, in urban furniture, transportation, mobile applications, sensors and other consumer products. They are looking for partners to co-develop new products integrating organic photovoltaic modules under research or technical cooperation agreements.

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Partnering Opportunity

Technology Offer

An established Slovak research institute has developed a pressure sensor for extreme conditions and is looking for licensees or investors

Summary

An established Slovak scientific and research institute has successfully managed a piezoelectric pressure sensor based on GaN material substrate, intended to operate in extreme conditions of high temperature and chemically aggressive environment, with high electron mobility transistor (HEMT) as sensing element. The preferred cooperation types are license agreement or financial agreement.

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Partnering Opportunity

Technology Offer

An established Slovak research institute has developed a novel probe for realization of local charge transient analysis and is looking for licensees or investors

Summary

Established Slovak scientific and research institute has developed a novel probe for realization of local charge transient analysis. Charge transient microscopy displays the relief or other characteristic of the surface layer with high spatial resolution using a scanning transient microscope probe placed and moved in a short distance from the displayed surface. The preferred cooperation types are license agreement and financial agreement.

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Partnering Opportunity

Technology Offer

An innovative Italian start-up offers a technology to optimize the production process of spirulina alga for food uses

Summary

An innovative start-up has developed and patented, in collaboration with a multinational, a new technology for optimizing the production process of spirulina for food uses. It is an eco friendly environmental production plant that allows the production of spirulina to be increased for ten times the productions with the same extension of land. The start-up looks for partners who intend to build new plants by using the technology under commercial agreements with technical assistance.

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Partnering Opportunity

Technology Offer

Filter unit with microwave resonator offered for a license agreement.

Summary

Researchers of a German university developed a filter unit with one or multiple microwave resonators integrated into the filter material to monitor filter load during operation. In this way filter exchange intervals can be adjusted to actual filter capacity. The technology is applicable for filtration of contents out of gases or fluids in the fields of industrial waste air, safety at work, fire service and disaster control. The university offers its invention for a license agreement worldwide.

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Partnering Opportunity

Technology Offer

Graphene transistor system for measuring electrophysiological signals

Summary

A Spanish biomedical research networking center has developed an innovative flexible and versatile graphene-transistor array for measuring electrophysiological signals in biological systems such as brain, heart, kidneys, stomach, cranial nerves, and other regions, looking to establish a license, research cooperation or technical cooperation agreements.

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Partnering Opportunity

Technology Offer

Development of Magneto-Rheological Elastomer

Summary

The Korean SME developed haptic solution technology, originated from a smart material called Magneto-Rheological Elastomer (MRE), the technology brings brand-new tactile sensations such as rhythmical tapping, rubbing and many more to the mobile and entertainment devices. The SME is seeking partners to conclude license agreement and commercial agreements with technical assistance to enter the international market.

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Partnering Opportunity

Technology Offer

Improved skin model based on lanoline synthetic membranes

Summary

A Spanish research institution has developed a lanolin-based synthetic membrane as percutaneous absorption model for transdermal delivery of actives studies. The system mimics mammalian skin models and may be used in screening tests to estimate the permeability of chemicals through human skin. Industrial partners from the cosmetic industry or dedicated to the manufacture of lab technologies interested in patent licensing and/or in a research collaboration are sought.

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Partnering Opportunity

Technology Offer

UK based SME offers a partnership to invest in the further development and application of a pumping technology that has no moving parts.

Summary

A novel pumping concept which uses low-pressure gas to induce an in pipe vortex, without internal moving parts, using optimized orifices to induce fluid propulsion. This UK engineering design company (previously manufacturer) seeks a commercial technologically based Joint Venture partner or Licensee to invest in: - Prototype development (scale/deployment) - Materials choices (metals/polymers) - Research in various applications (Fluids/mixed media/gases) - Manufacturing options

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Partnering Opportunity

Technology Offer

Fuel cells R&D capacities offered with a view to contribute to challenging projects within a project consortium

Summary

A Czech university research centre offers collaboration in R&D in fuel cells field. The research team focuses on degradation phenomena in polymer electrolyte fuel cells, synthesis of advanced polymer electrolyte materials with increased thermal and mechanical stability, and theoretical description and numerical modelling of transport processes in electrochemical cells (based on non-equilibrium thermodynamics). The centre is looking for industrial partners for research cooperation agreement.

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Partnering Opportunity

Technology Offer

Environmental Satellite data exploitation in real time and fully automated manner for precision viticulture

Summary

An Italian company that provides an advanced decision support system for precision viticulture able to operate world wide, is looking for: 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 center in the ICT sector to further technological improvement of the system, under research or technical cooperation agreement.

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Partnering Opportunity

Technology Offer

Technological tool that is able to scan social networks and detect critics, incidents or automatically obtain helpful information for an organization.

Summary

The product consist in a technological tool developed in Malaga by a company specialized in technology and consulting services applied to public administrations in a smart city context. The platform is able to scan a whole social network within a predefined geographical limit. It automatically detects the comments that contain helpful information for an organization using semantic algorithms and image recognition software. The company seeks financial, techonological or commercial support.

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Partnering Opportunity

Technology Offer

Energy saving technology using artificial intelligence seeks commercial agreement with technical assistance

Summary

A UK SME is using machine learning and artificial intelligence to provide highly scalable energy demand management products for the UK and international energy markets. The UK company is seeking commercial agreements with technical assistance so they can trial their new product with facilities managers, operations directors, finance directors etc, to deliver lower energy bills and potentially create new revenue streams for building owners and operators.

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Partnering Opportunity

Technology Offer

New battery test systems capable of reproducing safe, continuous and pulsed battery charge/discharge

Summary

A Spanish research institute working on energy storage has set up a new battery test system adapted to new battery applications. The system offers very flexible configurations needed to test different devices and chemistries. They are looking for a service agreement for testing battery systems, and for technical cooperation agreement for developing advanced testing equipment.

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Partnering Opportunity

Technology Offer

Industrial wireless sensors for Internet-of-Things applications with customizable platform

Summary

A Singapore SME specialising in the design and manufacture of semiconductors and Internet-of-Things (IoT) systems has developed affordable IoT sensors for industrial customers leveraging sensors, wireless communications and power supply technologies, such as solar. The SME has also developed a flexible IoT platform for applications in commercial buildings and factories. The SME seeks to partner SMEs/MNEs via licensing/commercial agreements with technical assistance. e.g installation.

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Partnering Opportunity

Technology Offer

Sound absorbing material with nanofibrous resonant membrane

Summary

A Czech university has developed a sound absorbing panel with nanofibrous membrane for applications in room acoustic, transportation and noise control. The sound absorbing material solves noise problem of wide frequency spectrum and is lighter and thinner than others. The scientists are looking for partners interested in further research and development based on a technical cooperation agreement and for companies interested in production under a license agreement.

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Partnering Opportunity

Technology Offer

Cooperation with German partners sought for new annamox technology for the removal of nitrogen from municipal and industrial wastewater and sludge

Summary

The Dutch SME developed a new technology for the removal of nitrogen from municipal and industrial wastewater. Germany has new rules on nitrogen in sewage treatment plants (STP). The technology will help to reach the new limits and requirements. The company is offering a commercial agreement with technical assistance to a German partner with expertise in the municipal waste water treatment sector, as a main constructor or contractor from specific parts of a sludge line.

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Partnering Opportunity

Technology Offer

Innovative technology for a high efficiency and zero emission drying of waste sludge or biomass without use of external fossil fuels

Summary

An Italian company specialised in design, construction and operation of plants for the disposal of any type of waste and subsequent energy recovery, has developed a new drying technology to treat any kind of waste sludge and biomass. The new technology is featured by no need of fossil fuels: it allows a self-supporting operation either in small or big scale. The company is looking for new partners interested in Commercial agreement with technical assistance or Technical cooperation agreement.

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Partnering Opportunity

Technology Offer

Mixed reality training system for dynamic future digital trends foreseeing

Summary

A Bulgarian academic research group has developed a prototype of a mixed reality training cyber-physical environment, combining virtual, real and augmented worlds. A multimodal biometric set of psycho-physiological parameters is monitored, stored, analysed and stimulated in a test bed training environment. The idea supports foreseeing analysis towards the new digital Society 5.0 development plans. The research team seeks commercial agreement with technical assistance or services agreement.

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Partnering Opportunity

Technology Offer

A method and system for the pagination of a printed publication, and printed publication obtained thereof is offered for licensing.

Summary

An SME, with its origin in Louriçal, Portugal is searching for licensing partners for novel pagination (see the Picture) for which patents have been applied for but not yet granted. It should be particularly interesting to the reproduction of complex information to printed supports. The ideal partner has the dimension and ambition to challenge the status quo and improve their customers' experience in reading published contents.

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Partnering Opportunity

Technology Offer

Smart system for green areas maintenance

Summary

An innovative start up based in Milan developed a new smart system able to collect and process all the environmental data necessary for monitoring the maintenance of green areas both in public/private gardens and in football fields. The company is looking for foreign companies in charge of green maintenance services interested in commercial agreement with technical assistance. Company owners have 30 years' experience in the field and are able to adapt the system upon specific requests.

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Partnering Opportunity

Technology Offer

Highly sophisticated industrial optical quality control system

Summary

A German SME has developed an advanced and highly sophisticated optical quality control system for inline quality assurance in manufacturing of plastic, metal, glass and paper products, requiring surface analysis, print inspection, position control, measurement, and completeness check. The system enables to reduce pseudo-defects rejection to a minimum while ensuring the highest defect detection rate. Partners are sought for commercial agreements with technical assistance.

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Partnering Opportunity

Technology Offer

Adaptive control system that saves energy and reduces wear

Summary

A German university developed an adaptive two-position controller with reduced control-value range for application in engines, pumps, heaters and others. It saves energy and reduces wear. Industrial licensees are sought.

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Partnering Opportunity

Technology Offer

Drivetrain integrated DC-DC converter for multiple voltage level vehicles

Summary

A German university is developing a powertrain integrated DC-DC converter for hybrid vehicles. The new solution has less space requirements and it weighs less than conventional systems. Thus it results in cost savings. Industrial partners are sought to develop the invention to market maturity within technical cooperation and for license agreements.

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Partnering Opportunity

Technology Offer

Digital twin technology for planning and monitoring cities and construction

Summary

A German company with expertise in virtual and augmented reality (VR/AR) and web application development offers a digital twin technology solution for the construction industry and smart cities. It renders it possible to digitally design, simulate, engineer and monitor sites or entire cities, thus saving time, cutting costs and reducing waste. Partners are sought for licensing, commercial agreements with technical assistance or research agreements.

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Partnering Opportunity

Technology Offer

Diagnostic solution for manufacturing product cost reduction

Summary

A Singapore SME has developed a costing diagnostics software for the manufacturing industry to address the concerns of cost wastage. The 99.99% accuracy of the software allows continuous improvement of cost saving activity through modelling. Apart from being accurate, the product also saves time and effort for the management and engineers. The SME seeks partnerships with MNEs and SMEs of all sizes through technology licensing agreements.

Reference TOSG20190314001

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Partnering Opportunity

Technology Offer

Artificial intelligence-based hardware biometric authentication system

Summary

A Singapore SME has developed a biometric security and verification solution leveraging hardware-based artificial intelligence to facilitate content security. It provides local storage as an option and addresses data security needs and is ideal for scenarios where biometric security has to be maintained locally without dependency on cloud infrastructure. The company seeks to partner SMEs of all sizes or MNEs through licensing agreements.

Reference TOSG20190314002

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Partnering Opportunity

Technology Offer

Cleaning robot swarm

Summary

A German university developed a navigation method for cleaning robots. The robots in the swarm divide the space between each other which makes the cleaning efficient and with low multiple coverage. The university offers a license and a technical cooperation agreement.

Reference TODE20190312001

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Partnering Opportunity

Technology Offer

Bulgarian research organization offers license for braille screen device

Summary

A Bulgarian research team is working in the field of creating 3D models of historical objects and 3D printing of tactile matrices for visually impaired people. The researchers offer a new braille screen device helping visually impaired people, which offers advantages related to the technical development of the screen. The research team is looking for companies interested in a license agreement.

Reference TOBG20190130001

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Partnering Opportunity

Technology Offer

Seeking technological cooperation partner for scaling up of anaerobic treatment of biodegradable waste liquids

Summary

A Spanish university offers a new anaerobic treatment of complex wastewater with biogas production, which is optimized for the agrofood sector. The new treatment is conformed by a bioreactor. A support material is used, in a non-arranged way, increasing the active biomass accumulation capacity and allowing downwards flow in the digestion tank. Industrial partners specialized in designing and installing depuration plants are sought for a technical cooperation or licence agreement.

Reference TOES20190312001

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Partnering Opportunity

Technology Offer

A novel and multifunctional biomarker for cancer

Summary

A German research team has demonstrated the link between Thrombospondin Type-1 Domain containing 7A Protein and various cancer types and presents a new way to use this tumor specific to improve cancer treatment efficiency by early diagnosis. Sought are industrial or institutional partners involved in the development and/or production of cancer biomarkers, cancer diagnosis/therapy, and research of cancer treatment for licensing, transfer of rights, knowledge transfer, or R&D cooperation.

Reference TODE20190221001

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Partnering Opportunity

Technology Request

Automation separating system for consumer goods sought

Summary

A consumer goods manufacturer located in the Western part of Austria is seeking an automation separating system. The solution should move articles with different shapes into trays. Potential partners are industrial companies with an existing solution, or they are keen to customize a suitable solution together with the Austrian company under a technical cooperation agreement.

Reference TRAT20190401001

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Partnering Opportunity

Technology Request

Structured data for audit process

Summary

Dutch company, part of an international accountancy & advisory firm is looking for companies that can help to develop a solution to turn unstructured data from different sources into structured information for the audit process without losing the trace to its original source. Collaboration based on a Research Cooperation Agreement or a Technical Cooperation Agreement. This Technology Request refers to an innovation challenge published on an open innovation platform.

Reference TRNL20190328003

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Partnering Opportunity

Technology Request

Seeking companies with know how in biogas and fertilizer production plants, interested in collaborating within a project to be launched in Senegal

Summary

An Italian company skilled in planning and managing urban and industrial facilities, has carried out a feasibility study regarding a biowaste recovery project aimed at fertilizer and energy production to be implemented in Dakar, Senegal. The project is expected to be funded according to the Cotonou Agreement. It is looking for companies with know how in biogas and fertilizer production plants, interested to be involved in the project activities through a Technological Agreement.

Reference TRIT20190402001

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Partnering Opportunity

Technology Request

Dutch based international company specialized in Customs & Trade Control is looking for a solution in the sense of an automated classification system according to Harmonised System standards (World Trade Organisation) and value validation.

Summary

Dutch company specialized in Customs & Trade Control supports clients with all customs- and cross-border handling transactions. Due to increasing e-commerce, the import flow of a variety of products from outside EU, mainly China, is growing and subject to customs regulations which is done manually. Therefore company is looking for an automated system for classification of goods and value validation in co-creation or as a partner in the frame of a services or technical cooperation agreement.

Reference TRNL20190328001

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Partnering Opportunity

Technology Request

Energy saving technology for IT equipment and software applications sought by Dutch telecom provider

Summary

Dutch telecom company with various networks providing telecom, IT and television services is looking for technology to reduce and monitor energy of software applications and hardware. For example by making the data traffic and usage responsive or using more energy efficient software coding. The company aims to set up a cooperative pilot project to demonstrate the potential of the technology within the framework of a services agreement. This challenge is published on an open innovation platform.

Reference TRNL20190408001

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Partnering Opportunity

Technology Request

An Italian company is looking for high resolution photomasking techniques for imprinting customised chromed glass lenses

Summary

An Italian company offers advanced lighting solutions and services for architectural light projections and various events, by using dedicated projectors and special lenses, varying in size, materials and design. The company is looking for a high resolution photomasking technique for finely imprinting customised lenses of chromed glass. The company is interested in existing solutions, possibly to be further customised or developed jointly, under a commercial or technical agreement.

Reference TRIT20190312001

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Partnering Opportunity

Technology Request

Spanish SME seeks partners providing a railway track section in Germany, United Kingdom or Ireland to run pilot tests of its innovative railroad environment monitoring device under technical cooperation agreement.

Summary

Spanish beneficiary of SME instrument phase 2 is developing a measurement device, which records geometrical parameters of railroad lines and seeks partners able to provide a railroad stretch to carry out pilot tests in Germany, United Kingdom or Ireland. A technical cooperation scheme is intended, whereby the SME could both get a valuable feedback from the field experience of the partner and gather requirements of infrastructures helping the technological development of the device.

Reference TRES20190325001

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Partnering Opportunity

Technology Request

A Chinese company is seeking oil vapor recovery and process solutions and on-line monitoring system for gas stations

Summary

This is a Chinese group company specialized in manufacturing of oil tank gauges for filling stations and tank trucks, leak sensors and monitors as well as double-wall FRP oil tanks. They are seeking novel technologies and products related to oil vapor recovery and process solutions and on-line monitoring system for gas stations. Ideally the company is looking for a technology license.

Reference TRCN20190315001

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