



HORIZON 2020

 INDUSTRIAL LEADERSHIP

3 offers (2 new)

PARTNER SEARCH OFFERS FOR EUROPEAN PROJECTS

 EUREKA

5 offers

PARTNER SEARCH FOR TECHNOLOGY COOPERATION

 Technology Request

3 offers (3 new)

 Technology Offer

3 offers (3 new)



Industrial Leadership



ID	RDES20190409001	
Call	H2020-JTI-Ecsel-2019: H2020-ECSEL-2019-2-RIA-two stage	
Title	Partners with expertise on hardware and mechanical design of robotic components are sought for a project on educational robotics	
Abstract	<p>A Spanish company working on educational robotics wants to submit a project proposal to the call Ecsel-2019-2-RIA. The project will develop a Mixed Reality (MR) learning system unit comprised of a MR gaming application and a modular reconfigurable educational robot.</p> <p>The objective of the project is the development of a MR learning system unit in order to have a standardised and smart learning solution to stimulate the student's learning pace, engagement and motivation through learning by doing DIY (do it yourself) through building an integrated system by merging two leading technologies: Augmented Reality (AR) and Educational Robotics (ER).</p> <p>Companies, universities and research centres with expertise on hardware design and mechanical design of robotic carcasses and components are sought.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SMEs or larger companies • University • R&D institutions <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Hardware design in the domain of development of Shield / Driver board for Micro: bit controller <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Contribute to the configuration of the educational robot; • Contribute to the extension of the learning modules 	
Link	Full Version: RDES20190409001	
Deadline	Internal Deadline: 01 Sep 2019 — Deadline of the call: 18 Sep 2019	




Industrial Leadership



ID	RDIT20190509001	
Call	H2020-JIT-BBI-2019-SO3-D3: Production of bio-based functional ingredients and additives for high-end markets	
Title	SME with expertise in biomass treatment through steam explosion or hydrothermal process is sought	
Abstract	<p>An Italian company active in the food industry is willing to create new value chains from a production byproduct within a demonstration project under H2020-JTI-BBI 2019 aimed at developing a functional ingredient to meet market requirements in different sectors.</p> <p>The specific challenge is to create integrated value chains with the appropriate business models to produce functional ingredients and additives. In order to address this challenge, an Italian large company active in the food industry is coordinating a consortium of 12 European partners who are currently working to create new value chains from a production byproduct within a project proposal to be presented under H2020 Bio-based Industries Innovation Demonstration 2019. The consortium currently includes companies and research institutes coming from the following countries: Italy, France, Finland, Netherland, Spain and Belgium.</p> <p>The company is looking for an SME, with proven expertise in steam explosion or hydrothermal process at least at pilot scale, able to scale up the production process at a food grade level.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SMEs • Universities • R&D institutions (Ideal partners are preferably SMEs, but expressions of interest issued by research institutes or universities would also be considered) <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • The partner should have expertise in lignocellulosic biomass treatment through steam explosion or hydrothermal process at least at pilot scale (with a reactor size of more than 30 L). <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • The selected partner will be required to scale up the production process at a food grade level. 	
Link	Full Version: RDIT20190509001	
Deadline	Internal Deadline: 15 Jun 2019 — Deadline of the call: 04 Sep 2019	




Industrial Leadership

ID	RDIT20190325001	
Call	H2020-EIC-FTI-2018-2020: Fast Track to Innovation (FTI)	
Title	New software solution enabling a much higher integration of 2.5D and 3D electronic circuits for Artificial Intelligence and IoT electronic designs	
Abstract	<p>The project aims at launching onto the market a new software solution enabling a much higher integration of 2.5D and 3D electronic circuits for Artificial Intelligence and IoT electronic designs, which dramatically reduces design time. In order to perform this demonstration, the project involves key stakeholders of the electronic design value chain such as, an ASIC Design house, an IoT and an AI engineering firm and eventually an EDA vendor.</p> <p>The Italian company provides software solutions to enable and accelerate the 3D design of latest generation electronic products. It has just successfully applied to and won the EU Grant SME instrument phase 1 and 2.</p>	
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> • SMEs or larger companies • Universities • R&D institutions 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> • Design House or Semiconductor company specialized in ASIC development using standard EDA tools • AI & IoT company • R&D Organization, University, Technology-based company specialized on developing modern collaboration tools for product lifecycle management 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> • Integration of the new customization capabilities • Providing relevant electronic design use cases for the demonstration of the I/O planning and optimization technology • Providing input for eliciting the requirements of the design collaboration tools and participating in the acceptance testing cycle 	
Link	Full Version: RDIT20190325001	
Deadline	Internal Deadline: 31 Jul 2019 — Deadline of the call: 22 Oct 2019	




EUREKA EURIPIDES

ID	RDKR20171206001	
Call	EUREKA—Eurostars2	
Title	A Korean company specializing in compound semiconductor substrates and templates is seeking a partner to integrate power electronic devices on their substrates	
Abstract	<p>A Korean manufacturer of compound semiconductor substrates (supporting material) and templates (thin layer of substrate) based on nitride semiconductors for Ultra High Brightness (UHB), High brightness (HB) LED and Power electronics applications is looking for an R&D partner for Eurostars 2 (in 2018). The company has expertise in growth technologies of nitride semiconductors and mechanical polishing and chemical mechanical polishing technologies for the GaN, AlN, AlGaIn compositions.</p> <p>As result of the cooperation, the Korean company will have a chance to improve the adaption effect of GaN substrate for power electronic devices and the possible partner will obtain the new version of power electronic devices with excellent properties at their application.</p> <p>The partner should be able to integrate the structure of power electronic devices on the company's substrate.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • Industry SME • Research institute, university, company <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Fabrication technology expertise of power electronic devices <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Integration of the power electronic devices on the company's GaN wafer or template 	
Link	Full Version: RDKR20171206001	
Deadline	Internal Deadline: 02 Sep 2019 — Deadline of the Call: 12 Sep 2019	




EUREKA Eurostars

ID	RDFR20190415001	
Call	EUREKA Eurostars 2	
Title	Development of a new performing display technology	
Abstract	<p>The company is looking for collaboration to develop new lighting display technologies, offering greater battery life, outdoors readability, improved image quality and high resolution, while being mass-manufacturable at low cost compared to current LED pixelized products. The company has designed the lighting system in such a way that any microelectronics foundry is able to manufacture it. The project will support the scale-up of the lighting system of the display to larger silicon slices, accelerating the manufacturing process. This technology is able to introduce a revolution in the display technologies.</p> <p>The French SME is specialised in the development and manufacturing of an innovative 3D LED display technology, since 2011.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SMEs & large companies • R&D Institutions <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Expertise in component pick & place and mass transfer of microLeds (with a small size typically 30µmx30µm) <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Providing the appropriate machine or solution to realize the pick & place • Mass transfer of microleds 	
Link	Full version: RDFR20190415001	
Deadline	Internal Deadline: 30 May 2019 — Deadline of the call: 12 Sep 2019	




EUREKA Eurostars

ID	RDES20190328002	
Call	EUREKA Eurostars 2	
Title	Development of multifunctional biodegradable nanocapsules against bacterial diseases	
Abstract	<p>The aim is to develop multifunctional biodegradable nanocapsules against bacterial diseases. The Spanish SME is experienced in the development and manufacturing of biodegradable polyurethane micro and nanocapsules.</p> <p>The project will encompass from lab developing of nanoparticles to testing them in preclinical analysis in vitro as well as in vivo. The outcome of the project would be to patent the product, create a spin-off and obtain funding to perform clinical phases 2 years after the project finalization.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME • R&D Institution • University <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Hospitals groups, research entities or biotech and/or pharmaceutical enterprises • Experienced in in vitro tests to verify the drug selectivity and delivery to the chosen bacteria, the nanocapsules efficiency and the interaction with biofilms and in vivo assays to test the biodistribution and efficacy <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • In vitro and in vivo pre-clinical tests 	
Link	Full Version: RDES20190328002	
Deadline	Internal Deadline: 31 May 2019 — Deadline of the call: 12 Sep 2019	




EUREKA Eurostars

ID	RDKR20181228001	
Call	EUREKA Eurostars 2	
Title	Development of a medical patch based on a soluble micro-needle technology	
Abstract	<p>Even though the method of injection has been developed to overcome the limitations of taking medicines, this also has raised various problems. For this reason, many experts have conducted research to come up with its substitutions and eventually have developed TDDS (Transdermal Drug Delivery System) technology. The microneedle technology has been developed as part of the TDDS technology, and so as the dissolving microneedle method. Microneedles are about a quarter thinner than the thickness of human hair, and it is relatively effective in delivering cosmetic ingredients deep into the skin with just a little pain or irritation.</p> <p>The medical dissolving micro-needle to be developed should at least reach the level of pre-clinical trials through this R&D cooperation</p>	
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> R&D Institution Company 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Bio or Pharmaceuticals industry 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> Provide the drug that'll be used in medical patches to be developed Controlling medication dosage ratio, and effectiveness verification 	
Link	Full Version: RDKR20181228001	
Deadline	Internal Deadline: 31 Aug 2019 — Deadline of the call: 12 Sep 2019	



EUREKA Eurostars



ID	RDKR20190225001	
Call	EUREKA Eurostars 2	
Title	Inspection and laser utilization device	
Abstract	<p>The project aims to develop and improve inspection device, optic device, and carbon compound material technologies.</p> <p>The company has excellent total laser technologies. These technologies have superior performance with laser, such as display defect searching, flexible OLED laser lift, etc., and have high precision, applicability to various substrate size, full production process automation, and short tact time.</p>	
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> • SME • R&D Institution • University 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> • Experts with experience in laser related technologies or inspection devices 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> • Joint development of a laser source, a next-generation treat mechanism process, a real-time, multi-touch synchronized control system and a next-generation optic/vision system 	
Link	Full Version: RDKR20190225001	
Deadline	Internal Deadline: 14 Aug 2019 — Deadline of the call: 14 Sep 2019	

Technology Request



NEW

ID	TRUA20180324001
Title	Company seeks compressors using technologies for metallurgical plants
Abstract	<p>Ukrainian company specialized in manufacturing instruments for control of operational process at metallurgical plants is looking for the technology owners, business partners, investors. The main company's objective is reduction of the significant losses of electricity in the process of compressed air production and related losses in electricity network and overloading of compressor capacity.</p> <p>The Ukrainian company has its annual production volume proximal to 100 000 units. The main products are methane-sampling instruments for furnace hearths, ladles and other units, and units of thermos-electrical generators for measuring temperature of liquid metal.</p> <p>The company required a compressor using technology for metallurgical plants. Expected charges on company's modernization amount to 85'000 UAH.</p> <p>The company is interested in seeking for technology and investments for equipment.</p>
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SMEs or larger companies <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> The enterprise is looking for technology owners, business partners for cooperation by financial agreement or joint venture agreement. The company is offering a partnership to business partner and technology owner. Also, company is seeking for an investor, due to the need for compressor technology for metallurgical enterprises, the expected costs of its modernization are 85'000 UAH Industrial processes <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> Compressors using technology implementation
Link	Full Version: TRUA20180324001
Deadline	Internal Deadline: 14 May 2020

Technology Request

ID	TRGR20190419001	 
Title	Cooperation with entities for dealing with various engineering challenges under a technical cooperation agreement is sought	
Abstract	<p>A Greek SME has developed an advanced simulation in-house software package which is applicable in various sectors such as aerospace and aeronautics, healthcare, industrial equipment, oil and gas. Furthermore, the company serves industries such as marine, renewable energy sources, automotive and superconducting accelerator magnets.</p> <p>The company provides computer aided design, structural health monitoring, computational fluid dynamics and multiphysics finite element analysis. The simulation offered can give solutions to various engineering problems such as multi-cracking fractures mechanics problems, outdoor and underwater acoustics, soil mechanics, radiation and scattering etc.</p> <p>The company is currently looking for cooperation with other relevant entities that could contribute to further develop the software by bringing new engineering challenges, under a technical cooperation agreement.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SMEs <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> Engineering companies Product manufactures Research enters and universities <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> The company is looking for a partner mainly in the industries of maritime, oil & gas, soil mechanics (e.g. earthquake waves), outdoor & underwater acoustics (e.g. infrasound, noise pollution) that have developed a product (in its early design cycle) and available to share some real data. The data will be used by the Greek company in order to validate the simulation results and develop further their software tool. The type of the partnership considered is the technical cooperation agreement. The collaborator will benefit from the simulation analysis that will be available, concerning the existing product or technical challenge. 	
Link	Full Version: TRGR20190419001	
Deadline	Internal Deadline: 13 May 2020	

Technology Request



ID	TRSG20190426001		
Title	Seeking fresh produce packaging technology with freshness indication		
Abstract	<p>A Singapore start-up high-tech farming is seeking a technology provider or collaborator to provide a packaging technology solution with freshness indication and food traceability features for its food procedure. It hopes to provide innovative packaging with these value-added features will lead to increased consumer satisfaction and reduced food wastage.</p> <p>With changing consumer needs and behaviours of seeking healthier, fresher and sustainable produce, the role of packaging has evolved from simply containing and protecting fresh produce from physical damages during transportation and distribution to extending its shelf life. Innovations such as freshness indication in fresh produce packaging will therefore contribute to increased consumer satisfaction and help to reduce food wastage.</p> <p>The Singapore start-up is seeking a technology provider or collaborator that could be an SME of any size or MNE to meet these demands with sustainable packaging technologies for food traceability and indication of freshness. It seeks licensing or research cooperation with SMEs of all sizes or MNEs.</p>		
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SMEs or larger companies <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> Technology provider or collaborator who can offer licensing of the required packaging technology with freshness indication and food traceability features or co-develop beyond a working prototype <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> Potential business collaborations would be in the form of a licensing agreement or research cooperation 		
Link	Full Version: TRSG20190426001		
Deadline	Internal Deadline: 10 May 2020		

Technology Offer

NEW


ID	TOPL20190204001
Title	Polish research institute which offers cooperation in the field of 3D protein structures and protein ligand complexes is looking for business partners
Abstract	<p>Bio-crystallography team with experience in supporting drug discovery projects organized a dedicated commercial laboratory in Poland's leading biomedical research institute. X-ray crystallography is the primary method for determining the 3D structure of the protein or protein-ligand complexes.</p> <p>Biotech and pharma companies are sought for agreements such as commercial with technical assistance, manufacturing or services.</p>
Partners Sought	<p><u>Stage of Development:</u></p> <ul style="list-style-type: none"> Already on the market <p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SMEs or larger companies R&D Institution <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> Biotech and pharma companies The institute is looking for partners that can benefit from extensive experience in structural biology (mainly in supporting drug discovery projects), especially in the medical market The research institute is open to: supporting projects, being your subcontractor realizing projects for customers, establishing a partnership to offer a broader range of services, obtaining funds from the EU for projects in the lab service which can be a co-contractor or a subcontractor. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> Collaboration in the medical research which will be including work on drug discovery and development projects
Link	Full Version: TOPL20190204001
Deadline	Internal Deadline: 13 Aug 2020

Technology Offer

ID	TOIT20190402001		
Title	Licensing partners sought by Italian company for mattress with integrated air ventilation		
Abstract	<p>An innovative Italian manufacturer of revolutionary furniture, for home and hospitals has developed a mattress with ventilation technology, which integrates a ventilating system to bring forced air in contact with the user, at the desired temperature when sitting on a chair or lying on bed.</p> <p>In the field of home furniture and transportation industry, the company is offering the benefits of a solution: dedicated to increase the comfort and relaxation of users, drivers, passengers; very compact and easy to be integrated in current mattresses for beds, upholstery for sofas or, in general, in any other piece of furniture such as chairs, chaise longue, etc.; very silent and pleasant; cheap and ready to be mass-produced.</p> <p>This company is looking for IP licensing, joint venture agreements and research cooperation agreements.</p>		
Partners Sought	<u>Stage of Development:</u> <ul style="list-style-type: none"> Available for demonstration 		
	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> SMEs Industrial partners 		
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Manufactures of furniture with an existing network within the sector, preferably already dealing with interior design, health/beauty spa or hotels, wellness centres/fitness centres, beauty farms, elderly care centres/therapeutic massage centres 		
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> 'licence agreement': with manufactures of mattresses, beds, etc. and interested in acquiring the license of the patented 'ventilation technology' for different fields of industry (furniture, seats, beds. Etc.) 'joint venture agreement' or 'research cooperation agreements': to co-develop and co-design new products integrating their patented 'ventilation technology' on the basis of an IP agreement with industrial partners 		
Link	Full Verison: TOIT20190402001		
Deadline	Internal Deadline: 14 May 2020		

Technology Offer



ID	TOBE20190508001	
Title	Targeting unfolding protein response to prevent neurodevelopmental disorders	
Abstract	<p>Neurodevelopmental disorders may impair motricity, behaviour, language or cognitive capacity. A Belgian university research group develop models of cerebral cortex development. The group used this comprehensive set of models to demonstrate that inhibitors protein response activation pathway stand as potential therapeutics to treat or prevent neurodevelopmental disorders, and is seeking for research collaboration with companies in the field. The Belgian university research group aims at identifying fundamental mechanisms that regulate cerebral neurogenesis.</p> <p>Moreover, the identification of new molecular pathways that promote the formation of the cortex is critical to interpret the pathological mechanisms that contribute to the onset and the progression of neurological disorders.</p>	
Partners Sought	<u>Stage of Development:</u> <ul style="list-style-type: none"> Under development / lab tested 	
	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> SMEs or larger companies 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Companies developing therapies/vaccines related to neurodevelopmental disorders or to cortex pathologies; linked to ZIKV infection 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> Research collaboration in: <ul style="list-style-type: none"> Mode of administration of UPR inhibitors for treating / preventing neurodevelopmental disorders Validation of the relevance of UPR targeting in neurodegenerative diseases or in other virus –dependant congenital microcephaly 	
Link	Full Version: TOBE20190508001	
Deadline	Internal Deadline: 13 May 2020	