enterprise europe network



HORIZON 2020

- INDUSTRIAL LEADERSHIP
- EUROPEAN INNOVATION COUNCIL

OTHER EUROPEAN PROGRAMMES

- EUREKA Eurostars
- Cascade Funding

10 offers (4 new)

1 offer

3 offers

1 offer (1 new)

TECHNOLOGY COOPERATION

<u>Technology Requests</u>

5 offers (5 new)









Industrial Leadership

ID	RDIT20191008001
Call	H2020-ICT-41-2020 ("5G PPP – 5G innovations for verticals with third party services")
Title	Industrial partner, mobile network operator or 5G Radio Access Network equipment vendor is sought to help build and experimental test-bed for next generation applications
Abstract	The company is a system integrator focused on innovation and operating on the domestic and international markets in different business areas: from telecommunication & broadcasting, to LED lighting technology and security. Research and Development department is currently involved in various pilot projects and gaining experience on the Low Power Wide Area Network (LPWAN) technologies, 5G, Internet of Things (IoT) and related data analysis software platforms. One of the current key goals of R&D research is building new services based on cutting edge ICT technologies.
Partners Sought	 Type of Partners sought: R&D Organisations SME or larger companies Specific area of activity: The partner sought is an industrial partner. It can be a Mobile Network Operator (MNO) or a 5G Radio Access Network (RAN) equipment vendor working on the development of next generation network infrastructures and open platforms supporting new cutting-edge applications and business cases. Tasks to be performed: The partner should be responsible for the implementation of the network infrastructure framework and/or involved in proof of concepts that aim to test new 5G enabled applications. Network equipment and radio infrastructures will be hosted on the company's neutral host solution for small cells and smart features in order to build a complete and innovative experimentation facility—a test-bed for next generation applications.
Link	Full Version: RDIT20191008001
Deadline	Internal Deadline: 20 April 2020 — Deadline of the call: 22 April 2020





European Innovation Council

ID	RDES20191111001
Call	H2020-FETOPEN-2018-2020
Title	Industrial partners sought with expertise in the manufacturing of membranes with nano-pores and/or interested in the application of a device for refolding proteins prone to aggregation
Abstract	Proper folding is essential for active proteins to exert their function in biological systems. Protein misfolding of recombinant proteins is one of the mayor bottlenecks in intensive, industrial scale production of therapeutic proteins. Misfolded proteins and their aggregates pose a problem both when present in the human body and after recombinant protein synthesis. Accumulation of misfolded proteins in the body is the basis of many diseases, such as Alzheimer's and Parkinson's diseases. They also limit the yields obtained from recombinant protein synthesis, and reduce the batch' purity. Thus, there is a need for protein purification, where these malformed proteins and their aggregates are filtered from their properly folded counterparts. A Basque research centre is working on an interdisciplinary project combining soft-matter physics and biology. This project aims at developing a new technology employing "soft nanopores" through which to refold proteins and disaggregate protein clusters.
Partners Sought	Type of Partners sought: • SMEs or larger companies Specific area of activity: • They are looking for biopharmaceutical or industrial companies capable of manufacturing membranes with nanopores or interested in the application of a device for refolding proteins to aggregation. Task to be performed: • The role of the partner will be that of co-development within a technical cooperation.
Link	Full Version: RDES0191111001
Deadline	Internal Deadline: 13 Apr 2020 — Deadline of the call: 13 May 2020





European Innovation Council

ID	RDBG20191018001
Call	H2020-FETOPEN-2018-2020
Title	Consortium seeks partner in the area of laser physics and molecular quantum control
Abstract	Cutting edge quantum technologies are currently being used in the areas of communications, com- puting, and sensing. This project aims to extend the application of quantum technology in the field of propulsion. A quantum drive would not interact with the environment chemically or radioac- tively. It should work in any media, such as water, air, and vacuum. The optimal solutions will be tested in laboratory conditions. Depending on the complexity of the final solution, a pilot demo test may be conducted on a scaled-down ship model typically used for propeller design.
Partners Sought	Type of Partners sought: • SMEs • Universities • R&D Organisations
	 <u>Specific area of activity:</u> Experienced with R&D in laser physics and molecular quantum control
	 <u>Task to be performed:</u> The role of the partner will be to lead the experimental validation stage and provide expert advice during the theoretical and demo stage
Link	Full Version: RDBG20191018001
Deadline	Internal Deadline: 31 March 2020 — Deadline of the call: 13 May 2020





European Innovation Council

ID	RDES20191008001
Call	H2020-EIC-FTI-2018-2020
Title	A Spanish technological center of footwear and plastic sector is searching partners to complete an advisory board for a FTI—H2020 project
Abstract	A Spanish technology center to footwear and plastic sector is searching partners to create an advisory board for a project to be submitted to Horizon 2020, Fast Track to Innovation call. Intensive farming has important challenges to overcome: inadequate gross nutrient balance, control of soil-borne pathogens growth with an efficient, cost-competitive and sustainable disinfection method and elimination of non-recyclable agriculture plastics. The project will develop a non-chemical solution for soil disinfection based in the use of a 100% biodegradable barrier film.
Partners Sought	Type of Partners sought: • R&D Organisations • SMEs or larger companies • Universities
	 The consortium has partners for the present project and is looking for new partners for the Advisory Board.
	 <u>Tasks to be performed:</u> An advisory board will be created for the project composed of stakeholder organisations representing agrofood sector, plastic agriculture sector, regulatory authorities, consumers associations and civil society. The Advisory Board will be, stablished to consult stakeholder organisations during the preparation, revision and implementation of the proposal, exchange of thoughts and feedback and for dissemination of the proposal.
Link	Full Version: RDES20191008001
Deadline	Internal Deadline: 16 Feb 2020 — Deadline of the call: 16 Feb 2020





	EUREKA EUROSTARS	
ID	RDSI20191224001	NEW
Call	EUREKA Eurostars	
Title	Group of entrepreneurs seeking partners for developing innovative products for circular econo- my of drinkable water and beverages	
Abstract	Slovenian group of entrepreneurs led by an investor are seeking partners for solving pollution issues resulting from single-use packaging. The project aims to enable a transition to a circular economy in water management by means of innovative products for drinkable water: a water dispenser offering refined, carbonated or still water; a bottle dispenser serving as a rent station for environmentally friendly bottles. The aim of the project is to tackle the problem of excessive use of packaging in the water/ beverages industry by preventing its use in the first place. While recycling provides only a partial solution, using less packaging and consequently creating less waste is a much better answer to the problem of pollution.	
Partners Sought	Type of Partners sought:• SMEsSpecific area of activity:• Water treatment methods and technologies• Water remineralisation and optimization of drinking water• Sustainable washing systems to collaborate in the project and contribute to the development of the innovative product describedTasks to be performed:• Support in the design and integration of remineralisation of water and tap water purification on as well as steam cleaning technology• Development of methods for closed cleaning system of glasses using steam and other relevant methods/solutions• Provide support in IPR development and marketing of the above mentioned products	
Link	Full Version: RDSI20191224001	
Deadline	Internal Deadline: 03 Feb 2020— Deadline of the Call: 13 Feb 2020	





ID	RDKR20191216001
Call	EUREKA Eurostars
Title	Seeking partners to cooperate development of solar high-reflective paint
Abstract	 The project aims to develop a solar high-reflective paint to increase energy efficiency in buildings. This company wants to find partners in the related field to submit a proposal to Eureka and Eurostars2 under research cooperation agreement. The paint with highly reflective solar energy could be supportive to decrease the energy consumption in building especially in summer. This company agreed on a partnership with a Korean university, and it is expected that the research would take a period of 3 years. For solar heat, the reflection from the paint would be more than 80%.
Partners Sought	Type of Partners sought: • SMEs • R&D Organisations • Universities
	 Specific area of activity: Coating material, building energy efficiency modeling
	 Tasks to be performed: Improvement of technical functions to be applicable on building energy efficiency modelling
Link	Full Version: RDKR20191216001
Deadline	Internal Deadline: 15 May 2020— Deadline of the Call: 24 May 2020





ID	RDTR20191231001	NEW
Call	EUREKA Eurostars	
Title	Turkish company is looking for acoustic and pressure sensor manufacturer	
Abstract	The goal of the project is to monitor pregnant woman and baby at home by real-time communica- tion with healthcare centers and give rehabilitation to the pregnant woman during her pregnancy about all required subjects by mobile apps. There will be 3 partners, other partner is medicine fa- culty. An ultrasound transducer is strapped over the abdomen to pick up the baby's heartbeat. A second, pressure-sensitive gauge is strapped to the top of the abdomen to record the frequency and power of the pregnant women's contractions.	
Partners Sought	Type of Partners sought: • SMEs Specific area of activity: • Manufacturer of acoustic and pressure sensors	
	 Tasks to be performed: Responsibility for manufacturing the acoustic and pressure sensors that are suitable for pregnant woman care at home 	
Link	Full Version: RDTR20191231001	
Deadline	Internal Deadline: 31 Jan 2020— Deadline of the Call: 13 Feb 2020	





EUREKA EUROSTARS Σ. ID RDTR20191129001 Call **EUREKA Eurostars** Title Turkish company is looking for partners for a project on custom made biodegradable craniomaxillofacial implants Abstract An innovative Turkish company specialized in additive manufacturing and medical 3D printing focuses on custom made implant production for craniomaxillofacial patients. Using custom made implants creates biodegradable alternatives that can deliver benefits in a more controlled fashion at the defect site. Opportunities to recover any bone loss with an implant that will turn into patients own bone tissue is the main innovation that the company offers. This innovation will also prevent infection risks and accelerate the recovery periods. Partners Type of Partners sought: Sought **SMEs R&D** Organisations Universities Specific area of activity: Custom made implants Additive manufacturing process development • Preclinical/clinical trial evaluation of the medical devices • Medical device directive (MDD) and/or medical device regulation (MDR) • **Tissue engineering** . Orthopaedics Tasks to be performed: Share work on custom made implants for craniomaxillofacial patients

Link	Full Version: RDTR20191129001	
Deadline	Internal Deadline: 03 Jul 2020— Deadline of the Call: 03 Sep 2020	





	EUREKA EUROSTARS
ID	RDHR20191125001
Call	EUREKA Eurostars
Title	Intelligent Enterprise Manager software: Looking for project partner to develop financial soft- ware
Abstract	Entrepreneurship center is founded in Croatia, Split with the primary goal to develop educational services and innovative tools which will facilitate the management of different organizations contributing to the economic and sustainable development of communities where they are active. With their expertise and experience, using new technologies and encouraging cooperation, they provide their clients and partners with accurate information, developing their strategies, helping them fulfil their goals and increase their competitiveness. Based on the characteristic of modern business and project reporting its result of their clients' needs and requests. The solutions allows to better understand your plans and business expenses in a completely new way making analysis and reports for all main areas. It will enable display and filtering the different dimensions, the prognosis of cash flow analysis, controlling production and the depth of view to the level of individual transactions and entrepreneurial projects. With the Intelligent Enterprise Manager, you can plan in real-time, make financial analysis faster, facilitate compliance, and produce reports that install confidence and reduce risk.
Partners Sought	Type of Partners sought: • SMEs Specific area of activity: • Management, financial management, understanding financial processes, accounting and bookkeeping in their country, new technologies, digitalization, entrepreneurship Tasks to be performed: • Verification of market analysis and market needs, prototyping, testing, adaption and completion of product to market requirements and testing product with potential customer
Link	Full Version: RDHR20191125001
Deadline	Internal Deadline: 01 Mar 2020— Deadline of the Call: 01 Apr 2020





ID	RDKR20190909001
Call	EUREKA Eurostars
Title	Looking for partners for developing precursors for ALD (atomic layer deposition) process
Abstract	Atomic layer deposition (ALD) is a thin film deposition technology using sequential use of a gas phase chemical process. The ALD process uses two chemicals typically called precursors. These precursors are deposited on the substrate sequentially and reacted to form a thin dense film. Com- pared to conventional thin film processes it has the advantage to grow, form materials uniformly with high precision on arbitrarily complex and large substrates. As the deposited layer can be finely controlled its perspective is also seen in scaling down microelectronic devices according to Moore's law. Currently, in areas of semiconductor, various precursors have been studied to form Al2O3, ZrO2, and HfO2 materials. The main goal of the joint research is to create high-performance thin layers using precursors for automobile and wearable device applications.
Partners Sought	Type of Partners sought: • SME sor larger companies • R&D Organisations • Universities Specific area of activity: • Nanotechnologies related to electronics & microelectronics Tasks to be performed: • Development of pre-cursor material for ALD (atomic layer deposition) process
Link	Full Version: RDKR2019090001
Deadline	Internal Deadline: 29 May 2020— Deadline of the Call: 30 Jul 2020





ID	RDFR20190612002
Call	EUREKA Eurostars
Title	French SME looking for R&D-industrial partner in the field of sensors for mobility and autono- mous systems to develop a mobility system designed for blind people
Abstract	In order to complement the team for Eurostars project, a French SME is seeking European or eligible Eurostars SME specializing in sensors and cameras for mobility applications, including light detection and ranging (LIDAR) and 3D.
	Current solutions to help blind people in their pedestrian mobility through urban areas and public transportation are limited—mainly canes and guide dogs. Among blind people, there is a deep expectation that technological advantages would allow them to improve their ability to go anywhere, without stress, with no hesitation, at anytime, day or night.
	The objective of the project is to develop a solution, including a comprehensive number technolog- ical bricks, hardware and software, specially suitable for blind persons in their pedestrian mobility.
Partners Sought	Type of Partners sought: • SMEs
	 Specific area of activity: Industrial and research European or eligible Eurostars SME or startup, specialized in R&D and in production of sensors and associated processing software; focus on relatively slow moving and medium precision devices.
	 Tasks to be performed: The partner would contribute to the project with key components to be integrated along the development and the industrialization of the target system. These components will carry special features and dimensions suitable for the application.
Link	Full Version: RDFR20190612002
Deadline	Internal Deadline: 06 Feb 2020 — Deadline of the Call: 13 Feb 2020





	EUREKA EUROSTARS
ID	RDKR20190507001
Call	EUREKA Eurostars
Title	A Korean IT security company is looking for R&D partner in developing the next-generation intel- ligent security gateway and cloud-based integrated security information analysis system based on edge computing for IoT system security
Abstract	A Korean SME specialized in an IT security evaluation and cloud-based security solutions is prepar- ing a project proposal under EUROSTARS2. The R&D project is about further developing and de- signing the integrated analysis engine system and secured gateway based on edge computing which could prevent and manage cyber-attack on IoT sensors and devices in a cloud environment. R&D partner with knowledge in cloud security, machine learning, big data analysis or blockchain is sought.
Partners Sought	Type of Partners sought: SMEs R&D Organisations Universities Specific area of activity: Cloud security service Machine learning Big Data analysis Cloud security solutions Blockchain
Link	Full Version: RDKR20190507001
Deadline	Internal Deadline: 31 Jan 2020 — Deadline of the Call: 10 Mar 2020





ID	RDKR20190708001
Call	EUREKA Eurostars
Title	Seeking partners to cooperate development of coating materials and products for smart win- dows
Abstract	A Korean company has been focused on high-tech materials for display industry and materials of automobile component since established in 2001. The company develops coating materials for smart window and building modelling for energy efficiency in order to decrease energy consumption in building.
	The company comes up with the idea of development of coating materials and thermos-chromic materials to lower energy consumption in building. For example, there is a representative type of coating, such as AF (Anti-Fingerprint) coating. AF coating prevents foreign substances from being attached and easily removes pollutants from the surface.
Partners Sought	Type of Partners sought: • SMEs • R&D Organisations • Universities
	 Specific area of activity: Coating material, thermos-chromic and building energy efficiency modelling
	Tasks to be performed: • Improvement of technical functions of the existing products to be applicable on building energy efficiency modelling
Link	Full Version: RDKR20190708001
Deadline	Internal Deadline: 15 May 2020 — Deadline of the Call: 15 Jun 2020





ID	RDKR20190718001
Call	EUREKA Eurostars
Title	Partners sought for cooperation on battery recycling technology
Abstract	A Korean company was incorporated in 1990 and focused on development of technology applica- ble on power transmission and distribution system. The company comes up with the idea of advanced technology in this field because many devices are turning into electronic products in the modern society, meaning that the demand of batteries is consistently increasing while the ratio of collection and recycling of used batteries is considerably low. The company aims to solve the environmental problems as the use of heavy metals in the battery steadily increases and results in environmental pollution.
Partners Sought	Type of Partners sought: • (Hightech) SMEs • R&D Organisations Specific area of activity: • Specialized in the technology of batteries and environmental engineering at the same time
	 Tasks to be performed: Introduction of the technology of collecting the batteries and recycling or extracting the heavy metals in the battery through the advanced technology
Link	Full Version: <u>RDKR20190718001</u>
Deadline	Internal Deadline: 15 May 2020 — Deadline of the Call: 15 Jun 2020





Cascade Funding

ID	RDDE20191220001
Call	Career-FIT PLUS (cascade funding)
Title	Manufacturing SMEs sought for open call for agile robotized manufacturing
Abstract	A German company is looking for a manufacturing SME that would like to complete a use case on data-driven robotics via a digital twin solution funded by the DIH, a network of Robotics Digital Innovation Hubs for Agile Production. Digital twin is a computerized version of a physical asset or the poduction process based on data collected by sensors. The German company specializes in using this data for the creation, sharing and monetization of value. The project will be funded by DIH, a Pan-European Network of Robotics DIHs for Agile Production. The project duration is 10 month and the project budget is 248000 Euros.
Partners	Type of Partners sought:
Sought	 SMEs Consortia of at least two and up to three eligible organisations: at least one Manufacturing SMEs/Slightly Bigger Company and one Technology Provider must be part of the consortium
	Specific area of activity:
	 Development of a data management that enables well-informed and enhanced robotized processes in manufacturing applications
	• Supplying a manufacturing use case for which a digital twin can be created
Link	Full Version: RDDE20191220001
Deadline	Internal Deadline: 31 Jan 2020 — Deadline of the call: 27 Feb 2020





ID	TRCZ20190820001
Title	Czech company looking for SMEs within the field of the embedded electronics hardware exper- tise
Abstract	The Czech company has developed a bracelet with monitoring of the patient's heartbeat, breath, temperature and location in real time. By evaluating these data it automatically detects possible health risk situations and is able to call for help. In addition, it provides remote access to the data for the relatives, doctors or parents. The bracelet works with the mobile app. The company's goal is to reduce the size of the final product. Presently, the product is 7x7 centimeters big and works well.
Partners	Type of Partners sought:
Sought	• SMEs
	Specific area of activity:
	 Experience of embedded electronics designing and manufacturing (size reduction of the product)
	Tasks to be performed:
	• Reducing the number of component parts by their replacement
	• Reducing the size of the component parts and their distances, their production/assembly costs
	• Provide space for the product's manufacture e.g. in terms of space rental or production / control machines' rental
	Joint product software development
Link	Full Version: TRCZ20190820001
Deadline	Internal Deadline: 24 Dec 2020





NEW

ID	TRAT20200103001
Title	Austrian public body seeks ICT solutions for safety and information provision in elevators and other public places
Abstract	An Austrian public body is looking for ICT-solutions especially for elevators but also for other in- door (e.g. entrance halls) and outdoor public places, which should fulfill the following require- ments:
	• Barrier-free emergency call system (suitable for people with visual or hearing disabilities)
	Prevention of false alarms
	• Detection of critical situations concerning safety: detection of vandalism and abandoned objects; prevention of violent attacks; detection of unconscious persons etc.
	Monitoring of elevator operation for predictive maintenance
	• Interactive provision of customer-related information (e.g. news, weather, orientation plan, canteen menu, best connection for public transport, cultural programmes, event tips, sight-seeings, information from building management etc.); if possible, information should be provided in a barrier-free way.
Partners	Type of Partners sought:
Sought	• SMEs
	Specific area of activity:
	Provider of suitable ICT-solutions
	Experience with elevator systems is required
	• Experience with customers from the public sector is desirable
	Tasks to be performed:
	Provide a barrier-free emergency call system
	• Installation of the system at selected test sites (small pilot projects), handover and brief training, maintenance and repair
	Possibly also adaptation to specific needs or further development of new features
Link	Full Version: TRAT20200103001
Deadline	Internal Deadline: 31 Mar 2020





NEW

ID	TRSG20191202003
Title	Singapore-based MNE seeking predictive software solutions in engine fault code sequencing
Abstract	A Singapore-based MNE in aerospace engineering and manufacturing is seeking technological solu- tions in engine fault code sequencing. A majority of the aircraft ramp turn back cases are due to engine faults, which can be avoided with smart-enabled prediction and early detection. As the aircraft is a complex system comprising of many interconnected systems and sub-systems. The faults flagged out by the condition monitoring system could be indicating only symptoms of the underlying faults. It is important to have the engineers react to these faults. However, the root causes of these faults might not have been solved, and after a period of time the same fault code could be issued by the aircraft condition monitoring system again. It is of the view that by using data analytics and machine learning techniques, such faults could be predicted and detected early. The solution sought is a software tool that will be able to take in data (both live and historical), made available by the MNE.
Partners Sought	Type of Partners sought: • SMEs Specific area of activity: • Software engineering, coding, information processing systems
	 <u>Tasks to be performed:</u> License agreement: The MNEs will license the technology offered by the SME/startup to further develop into products or services for its customers. Commercial agreement with technical assistance: Technical support to the MNE in introducing the technology in the form of new products or services to the MNE's customers
Link	Full Version: TRSG20191202003
Deadline	Internal Deadline: 13 Jan 2021





ID	TRKR20200103001
Title	A global clad pipe, fitting manufacturer and smart factory service provider in Korea is looking for IT companies specialized in designing a digital twin of production site
Abstract	A Korean company is specialized in manufacturing clad products (including clad pipe & fitting) and metal additive manufactoring. They have expertise in hard-facing and overlay welding and possess mass-production and mainte- nance system for cossosion-resistant and wear-resistant products of all kinds of equipment applied in industries such as oil and gas, power generation, petrochemical, plant construction, and ship- building & marine. The objective of the project is to develop machine learning and artificial intelligence models for predicitve analysis that allow the creation of a truely reliable digital twin.
Partners Sought	Type of Partners sought: SMEs & large companies R&D Organisations Specific area of activity: Software development Digital Twin design for manufacturing site Tasks to be performed: Digital Twin under service agreement
Link	Full Version: TRKK20200103001
Deadline	Internal Deadline: 13 Jan 2021





ID	TRNL20200103001
Title	Dutch convention centre looking for solutions to ensure that catering waste can be recycled as a mono stream
Abstract	A large Dutch convention centre, located in Amsterdam, is looking for solutions to ensure that their catering waste becomes a mono stream that can be recycled in a high-quality manner. In places where many anonymous international visitors come, it is not possible to create good se- peration in 3 types of waste bins (paper, plastics and residual waste). The result is, despite the 3 seperate types of bins, that all contain waste that is classified as residual waste. The chain must be organized differently: from the purchasing of materials all the way through to processing of the waste. The aim is to develop alternative materials and products in order to find new solutions that ensure
	that the waste from catering acitivities becomes a mono stream of waste that can be recycled in a high-qulaitiy manner.
Partners Sought	Type of Partners sought: • SMEs and large companies • R&D Organisations Specific area of activity: • Active in the development and/or manufacturing of materials
	 <u>Joint development of one or more materials and products that could replace existing materials and make them suitable for processing as a mono-stream of waste</u> Apply knowledge about circular economy
Link	Full Version: TRNL20200103001
Deadline	Internal Deadline: 14 Jan 2021