

HORIZON 2020

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Excellent Science

ID	RDIE20191018001		
Call	Career-FIT PLUS (cascade funding)		
Title	Experienced researchers sought for Career Development Fellowships in National Technology Centres and Gateways Programme		
Abstract	<p>Following the success of Career-FIT, a new CO-FUND programme called “Career-FIT PLUS” has been launched. Two calls for proposals will award a total of 50 Fellowships to highly skilled researchers to conduct a research project of 36 months in Ireland, including a secondment opportunity in an enterprise partner of the Technology Centre/Gateway.</p> <p>The Career-FIT PLUS Fellows will have the unique opportunity to carry out research in areas of clear industry focus and gain first-hand experience in a company.</p> <p>Researchers awarded a Fellowship will be hosted and employed by a Third Level Institution associated with a Technology Centre/Gateway in Ireland.</p> <p>Fellows will be guided by an experienced Academic mentor as well as a Company mentor who are concerned not just for their scientific progress but also their training and development in line with the agreed career goals. They will further benefit from participation in a structured development training programme that targets enhancement of personal effectiveness as well as competencies relating to innovation management.</p>		
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> University R&D Institutes <p><u>Specific area of activity:</u></p> <p>Experienced researchers are sought that are post-docs or that have at least 4 years full-time experience in one or more of the following domains:</p> <p>Wireless solutions—Precision engineering & manufacturing—Medical and engineering technologies—Applied biotechnology—Intelligent mechatronics & RFID (radio-frequency identification) - Innovation through light—Embedded computing and software systems—Engineered materials—Pharmaceuticals & healthcare—Mobile services—Applied design—Bio diagnostics—Coatings innovation—Connected media—Polymer technologies</p>		
Link	<u>Full Version: RDIE20191018001</u>		
Deadline	Internal Deadline: 19 Dec 2019 — Deadline of the call: 19 Dec 2019		




Excellent Science

ID	RDFR20191017002	
Call	MSCA-ITN-2020	
Title	French University is looking for companies from material analysis or cultural heritage field to join MSCA-ITN-2020 consortium and host a PhD student	
Abstract	<p>A French University is looking for industrial partners from the material analysis sector or the heritage field to join consortium on MSCA-ITN-2020 Call. This project seeks to set up the first European multidisciplinary and innovative plaster network around casts dating back to the Renaissance all the way to the 20th century.</p> <p>Partners would host a PhD student for 1-3 months and provide research training: all costs would be funded by the project. The salary, accommodation and administration fees will be funded by the H2020 programme: partners will not have to pay out anything.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> University R&D Institutes <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> Partners are expected to offer research training to the PhD students during the secondments. They can also participate to the Gallery training event in suggesting speakers, providing training on non-transferable skills (communication, intellectual property rights, etc.), participating in job fairs and other project-related activities. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> Partners would join a large network of academics, private organisations and museums in 7 different countries. 	
Link	<u>Full Version: RDFR20191017002</u>	
Deadline	Internal Deadline: 10 Nov 2019 — Deadline of the call: 14 Jan 2020	




Excellent Science


ID	RDFR20191017001	
Call	MSCA-ITN-2020	
Title	French R&D Institute is looking for companies, industrial partners to join Consortium and host a PhD student for the internship	
Abstract	<p>A French R&D institute is the Coordinator of MSCA ITN training network uniting 8 foreign partners. They wish to fully exploit the power of primary producers for biotechnology and to gain insight in metal homeostasis and in the capacity of photosynthetic organism to withstand pollution.</p> <p>R&D institute is seeking companies with expertise on metals in algae or in plants.</p> <p>Partner is expected to host a PhD student for internship. All costs of the internship will be covered by H2020 project.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SME <p><u>Specific area of activity:</u></p> <p>The Consortium looks for industrial partners interested in one of the following activities:</p> <ul style="list-style-type: none"> Fertilizers (metal availability or metal content of microalgae/plants) Waste water treatment Phytoremediation Bioreactors for microalgae <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> Industrial partners are expected to host a PhD student minimum 6 months for internship and to participate in at least one training action. 	
Link	<u>Full Version: RDFR20191017001</u>	
Deadline	Internal Deadline: 16 Nov 2019 — Deadline of the call: 15 Jan 2020	




Industrial Leadership

ID	RDUK20190710001	
Call	H2020-EIC-SMEInst-2018-2020	
Title	UK London based business seeks partners for Horizon 2020 application developing Next-Generation Internet	
Abstract	UK start-up developing a decentralised Next-Generation Internet (NGI) platform is seeking partners with experience, projects and ideas for a H2020 EIC Accelerator (SME Instrument) application to enter into a research cooperation agreement. The application will seek a range of decentralised technologies for the benefit of individuals and the rapid digitisation of industry.	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • R&D Institution • SME • University <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Possible bid partners could include (but is not limited to) partners with experience and ideas across a wide variety of potential decentralised technology applications—including telephone companies, Payment Service Providers, supply chains, etc. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • The Start-up is seeking partners from all across industry and research that wish to research, build or develop their decentralised projects with a view to rapid prototyping, scaling or deployment as part of solution but deliver this and their partner's solutions to the market for urgent and rapid mainstream adoption by individuals and industry. 	
Link	<u>Full Version: RDUK20190710001</u>	
Deadline	Internal Deadline: 02 Dec 2019 — Deadline of the call: 08 Jan 2020	



Societal Challenges

ID	RDFR20190723001	
Call	H2020-CE-FNR-09-2020	
Title	Technological providers for removal of marine plastic and litter sought	
Abstract	<p>A French aquaculture and marine resources cluster is looking for companies from Northern, Eastern and Central Europe which are able to develop automatic or remotely controlled wireless devices capable of collecting plastics and other litter from oceans, to complete their consortium for the Horizon 2020 CE-FNR-09-2020 call "Pilot action for the removal of marine plastics and litter".</p> <p>The consortium's goal for this topic is to demonstrate approaches and technologies to improve marine spatial planning and conservation (and even restoration) of coastal ecosystems.</p>	
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> SME or larger companies 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> The French cluster is looking for targeted technology providers able to develop automatic or remotely controlled wireless devices for litter removal from beaches/seafloor, the ocean surface and shellfish. 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> Companies that have the capacity to develop or that have already developed a solution capable of sorting and reusing the collected plastics are more than welcome to contact the coordinator. 	
Link	<u>Full Version: RDFR20190723001</u>	
Deadline	Internal Deadline: 30 Nov 2019 — Deadline of the call: 22 Jan 2020	

Societal Challenges

ID	RDUK20190816001	
Call	H2020: LC-MG-1-13-2020 („Decarbonising long distance shipping“)	
Title	Ship builders and experts in solar panels, wind turbines and navigation systems, and ship builders as end users (ferries, cargo, tankers or cruise) sought.	
Abstract	A UK company and clean ocean foundation have formed a consortium to apply for the H2020 call aimed at decarbonising long distance shipping, by designing, building and fielding a new solar and wind powered craft. They are seeking a wide array of partners including ship builders and experts in solar panels, wind turbines and navigation systems, and ship builders as end users (ferries, cargo, tankers or cruise) to join the consortium via research cooperation agreement.	
Partners sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> SMEs or large companies 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Solar panel design and energy management Propellers and motors Construction in marine alloys (welded ship or yacht builders). Wind turbines Stressing of the hull Tank testing Satellites for comms and navigation excellence Navigation instruments with a leaning toward collision avoidance Low drag paints 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> Contribute towards the design, construction and testing of a new solar powered vessel, aimed at decarbonising long distance shipping 	
Link	<u>Full version: RDUK20190816001</u>	
Deadline	Internal Deadline: 01 Dec 2019 — Deadline of the call: 01 Jan 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	<p>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.</p> <p>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.</p> <p>The project will develop a non-chemical solution for soil disinfection based in the use of a 100% biodegradable barrier film.</p>		
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> • R&D Institution • SME or larger Institution • University 		
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> • The consortium has partners for the present project and is looking for new partners for the Advisory Board. 		
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> • 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, established 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	<u>Full Version: RDES20191008001</u>		
Deadline	Internal Deadline: 16 Feb 2020 — Deadline of the call: 16 Feb 2020		




European Innovation Council





ID	RDES20191019001	
Call	H2020-EIC-FTI-2018-2020	
Title	Spanish biotechnological enterprise seeks a research company, a big data company and a big pharma in order to develop a personalized cancer therapeutic research	
Abstract	<p>A biotechnological company, based in Spain, is leader in the development and commercialization of novel, tailor-made solutions based on in vivo zebrafish assays. The team count on highly qualified biotechnology experts, a fully equipped biotech laboratory and an animal facility equipped with 76 aquariums (capacity for 2.500 zebrafish).</p> <p>Thanks to the extensive knowledge acquired by the R&D projects performed in the field for many years, and a close collaboration with hospitals and cancer research institutions, they have identified a remarkable opportunity to develop a research project based on in vivo zebrafish assays for cancer treatment.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SME or larger Institution Especially: <ul style="list-style-type: none"> - genome research company, big data company or big pharma (drug development) <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> NGS services (sequencing, exome, transcriptomics, etc.) Bioinformatics Pharmaceutical industry (drug development) <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> Genome research company: sequencing, transcriptomics, bioinformatics Big data company: creation of a database with all obtained data (software) Big pharma (drug development): specified pipeline of potential antitumor drugs (against colon cancer) 	
Link	<u>Full Version: RDES20190819001</u>	
Deadline	Internal Deadline: 17 Nov 2019 — Deadline of the call: 19 Feb 2020	

European Innovation Council

ID	RDFR20191015001	
Call	EIC-FTI-2018-2020	
Title	French multinational automotive tier-1 supplier seeks three potential partners in order to develop sensor cleaning solution for autonomous vehicle	
Abstract	<p>A French automotive multinational company, number one tier-1 supplier in the world, is preparing a project proposal for the Fast Track Innovation EIC-FTI-2018-2020 call. The company especially develops innovative sensor cleaning solutions. These solutions are designed not only for increased comfort and safety, but also for reduced weight, thereby reducing CO2 emissions.</p> <p>It seeks partners in electronics miniaturization, in plasmonics, and in ball bearing friction optimization to join the consortium for this Call.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> R&D Institution <p><u>Specific area of activity:</u></p> <p>1.) <u>one industrial partner for ball bearings is needed:</u></p> <ul style="list-style-type: none"> to develop and to manufacture ball bearings as small as possible with low friction and a lifetime > 15'000hrs Internal diameter of ball bearing can not be changed <p>2.) <u>one industrial partner for ASIC (application specific integrated circuit) or POP (Package on Package) is needed:</u></p> <ul style="list-style-type: none"> to develop and manufacture a specific chip gathering functions which usually use several components To develop and manufacture a specific package to superimpose several components <p>3.) <u>one industrial partner for plasmonic is needed:</u></p> <ul style="list-style-type: none"> to develop and manufacture the rear cover with lead frame and components 	
Link	<u>Full Version: RDFR20191015001</u>	
Deadline	Internal Deadline: 15 Nov 2019 — Deadline of the call: 19 Feb 2020	





EUREKA EUROSTARS

ID	RDAT20191029001		
Call	EUREKA Eurostars		
Title	Encryption partner needed to establish a health data platform		
Abstract	<p>An Austrian SME with expertise in AI for healthcare and international R&D expertise is part of an ongoing EUREKA project. Healthcare databases are very heterogeneous and not universally compatible. Especially smaller hospitals do not have the know-how and the resources to standardize data and to ensure data security.</p> <p>The project's aim is to automatize, interpret and standardize electronic health data to share these encrypted and anonymized health data on a protected platform to enable research and clinical studies.</p>		
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME or larger institutions • University • R&D Institutions <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • SME or larger scale enterprise with core competencies in the field of encryption and data security. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • The potential partner is responsible for the encryption and the end-to-end protection of the data shared on the data market. Furthermore anonymization and pseudonymisation is a topic that has to be addressed by the project partner. • The technical challenge will be to define a process that secures pseudonymised data to a maximum extend. Only authorized parties shall have the possibility to access decrypted health data. 		
Link	<u>Full Version: RDAT20191029001</u>		
Deadline	Internal Deadline: 31 Dec 2019 — Deadline of the Call:		



EUREKA EUROSTARS

ID	RDFR20190612002	 
Call	EUREKA Eurostars2	
Title	A Korean company is looking for partners to develop a 3D-based conferencing system with real-time interpretation and translation technology	
Abstract	<p>A Korean company specialized in VR/AR solution is preparing for a project proposal under Eurostars2 in 2020.</p> <p>Traditional video conferencing systems still present a number of limitations. For example, it still remains as two-dimensional meetings via flat screens, and there isn't a significant difference from an audio conference when multiple people are involved. Moreover, the types of documents that can be shared are restricted to the form of presentations and several other types of documents, hence the meetings for 3-D contents or design collaboration can be difficult with the existing methods.</p> <p>The main goal of the joint research is to develop a 3D technology-based software which can be used for corporations' conference systems.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME • R&D Institutions <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Potential partners preferably in electronics & information communications with real-time interpretation and translation solutions. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Development of AI/VR based real-time translation / interpretation technology for 3D conferencing system. 	
Link	<u>Full Version: RDKR20191004001</u>	
Deadline	Internal Deadline: 01 Jan 2020 — Deadline of the Call: 13 Feb 2020	




EUREKA EUROSTARS



ID	RDES20190819002	
Call	EUREKA Eurostars2	
Title	Spanish biotechnological enterprise seeks a research company and a SME specialized in anti-tumor drugs, in order to develop a personalized cancer therapeutic research	
Abstract	<p>A biotechnological company, based in Spain, is leader in the development and commercialization of novel, tailor-made solutions based on in vivo zebrafish assays. The team count on highly qualified biotechnology experts, a fully equipped biotech laboratory and an animal facility equipped with 76 aquariums (capacity for 2.500 zebrafish).</p> <p>Thanks to the extensive knowledge acquired by the R&D projects performed in the field for many years, and a close collaboration with hospitals and cancer research institutions, they have identified a remarkable opportunity to develop a research project based on in vivo zebrafish assays for cancer treatment.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME or larger companies • Especially: genome research company, SME (drug development) <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • NGS services (sequencing, exome, transcriptomics, etc.) • Pharmaceutical Industry (drug development) <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Genome research company: sequencing, transcriptomics, bioinformatics • SME (drug development): specified pipeline of potential antitumor drugs (against HBP) 	
Link	<u>Full Version: RDES20190819002</u>	
Deadline	Internal Deadline: 17 Nov 2019 — Deadline of the Call: 13 Feb 2020	




EUREKA EUROSTARS

ID	RDFR20190612002	
Call	EUREKA Eurostars	
Title	French SME looking for R&D-industrial partner in the field of sensors for mobility and autonomous systems to develop a mobility system designed for blind people	
Abstract	<p>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.</p> <p>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.</p> <p>The objective of the project is to develop a solution, including a comprehensive number technological bricks, hardware and software, specially suitable for blind persons in their pedestrian mobility.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SME <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> 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. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> 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	<u>Full Version: RDFR20190612002</u>	
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 intelligent security gateway and cloud-based integrated security information analysis system based on edge computing for IoT system security	
Abstract	<p>A Korean SME specialized in an IT security evaluation and cloud-based security solutions is preparing a project proposal under EUROSTARS2. The R&D project is about further developing and designing the integrated analysis engine system and secured gateway based on edge computing which could prevent and manage cyber-attack on IoT sensors and devices in a cloud environment.</p> <p>R&D partner with knowledge in cloud security, machine learning, big data analysis or blockchain is sought.</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"> • Cloud security service • Machine learning • Big Data analysis • Cloud security solutions • Blockchain <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Cooperative R&D and co-development of integrated analysis platform for cyber-attack prevention 	
Link	<u>Full Version: RDKR20190507001</u>	
Deadline	Internal Deadline: 31 Jan 2020 — Deadline of the Call: 10 Mar 2020	




EUREKA EUROSTARS

ID	RDKR20190909001	
Call	EUREKA Eurostars	
Title	Looking for partners for developing precursors for ALD (atomic layer deposition) process	
Abstract	<p>A government-funded Korean research institute is preparing a project proposal under Eureka, Eurostars2 in 2020. The main goal of the joint research is to create high-performance thin layers using precursors for automobile and wearable device applications.</p> <p>*The annual plan for the project:</p> <ol style="list-style-type: none"> 1.) First-year: new development of ALD process for application in automobile/wearable device 2.) Second-year: development of large scale ALD equipment 3.) third –year: improvement of and fine-tuning of the ALD process for forming thin dense films according to application <p>To this end, the institute is looking for partners specialized in developing precursor material for ALD (atomic layer deposition) process. Preferably a chemical or technological company or R&D institute are sought for research agreements.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME or larger companies • R&D Institution • University 	
	<p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Company or research institute in the field of Nano– and Microtechnologies 	
	<p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Development of pre-cursor material for ALD (atomic layer deposition) process 	
Link	<u>Full Version: RDKR20190909001</u>	
Deadline	Internal Deadline: 01 Dec 2019 — Deadline of the Call: 01 Feb 2020	




EUREKA EUROSTARS

ID	RDKR20190708001	
Call	EUREKA Eurostars	
Title	Seeking partners to cooperate development of coating materials and products for smart windows	
Abstract	<p>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.</p> <p>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.</p>	
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> • SMEs • R&D Institutions • Universities 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> • Coating material, thermos-chromic and building energy efficiency modelling 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> • Improvement of technical functions of the existing products to be applicable on building energy efficiency modelling 	
Link	<u>Full Version: RDKR20190708001</u>	
Deadline	Internal Deadline: 15 May 2020 — Deadline of the Call: 15 Jun 2020	




EUREKA EUROSTARS

ID	RDKR20190718001	
Call	EUREKA Eurostars	
Title	Partners sought for cooperation on battery recycling technology	
Abstract	<p>A Korean company was incorporated in 1990 and focused on development of technology applicable on power transmission and distribution system.</p> <p>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.</p> <p>The company aims to solve the environmental problems as the use of heavy metals in the battery steadily increases and results in environmental pollution.</p>	
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> (Hightech) SMEs R&D Institutions 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Specialized in the technology of batteries and environmental engineering at the same time 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> 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: RDKR20190718001	
Deadline	Internal Deadline: 15 May 2020 — Deadline of the Call: 15 Jun 2020	




EUREKA EUROSTARS

ID	RDKR20190626001	
Call	EUREKA Eurostars	
Title	Korean company is looking for R&D partners to develop an evaluation for nearly zero energy solar architecture	
Abstract	<p>A Korean SME mainly focuses on solar energy conversation and eco-friendly items, using Photovoltaic (PV) modules with the aim of developing a nearly zero energy solar architecture.</p> <p>The company looks forward to developing ecological methodologies for greenhouse gas mitigation in the building sector, national or international application of technology, and research proposal under the Eurostars2 programme for the related area in interest with potential partners.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME or larger companies • Research Institutions • University • Non-profit organizations such as Green Climate Fund (GCF) <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Energy conversation • Solar energy (photovoltaic solar) greenhouse gas mitigation in building sector, building integrated renewable energy system to advance zero energy solar architecture <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Development of ecological methodology for greenhouse gas mitigation in building sector • Research proposal for the related area in interest, under the research cooperation agreement 	
Link	<u>Full Version: RDKR20190626001</u>	
Deadline	Internal Deadline: 21 May 2020 — Deadline of the Call: 19 Jun 2020	




EUREKA EUROSTARS



ID	RDKR20190604001	
Call	EUREKA Eurostars	
Title	Partners sought for development of products that apply on smart environmental sensor	
Abstract	<p>The Korean SME specializes in developing and manufacturing dust / humidity / temperature sensors. They are looking for partners by submitting the proposal of Eurostars2. The project aims to develop small environmental sensor modules for plant, farm, and home which require multiple atmosphere information.</p> <p>The company is planning on improving more advanced technology applicable on environmental sensors in order to provide higher function and credibility to their clients by submitting proposals of application in France (4. Sep) or Switzerland (9. Sep) or multilateral (Finland, Sweden, 12. Sep) under partnership of research cooperation agreement.</p> <p>Potential partners should have expertise in sensor understanding, networking, and services to enable this product to be developed in a smart environment.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SMEs or larger companies • Inventor • R&D Institution • University <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • Potential partners should have expertise in sensor understanding, networking, and services to enable this product to be developed in a smart environment <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • Collaborate on products, services, and designs for smart environments • Partners should be able to collaborate on products, services and designs for environmental sensors which are applicable on home appliance, automotive, and smart factory under research cooperation agreement 	
Link	<u>Full Version: RDKR20190604001</u>	
Deadline	Internal Deadline: 15 May 2020 — Deadline of the Call: 15 Jun 2020	





EUREKA EUROSTARS

ID	RDKR20190528001	
Call	EUREKA Eurostars	
Title	Partners sought for plasma lighting technology development	
Abstract	<p>A Korean company has been developing a variety of investigating devices including inspection of solar light. Its main technology is plasma lighting system with low maintenance fee and low power consumption along with long life compared to existing lighting system.</p> <p>The company is the world second research institute to develop simulator for solar light investigation, and it is looking for partners to develop more advanced technology applicable on plasma lighting system to enter European market under research cooperation agreement by submitting proposal for Eurostars2 and EUREKA.</p>	
Partners Sought	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> SME or larger companies R&D Institution 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Partner should be familiar with plasma technology that is applicable on lighting system and prefers to be manufacturer and research and development 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> Partners should preform R&D for more advanced technology and functions on plasma lighting system, and it wishes to enter European market under research cooperation agreement 	
Link	<u>Full Version: RDKR20190528001</u>	
Deadline	Internal Deadline: 15 May 2020 — Deadline of the Call: 19 Jun 2020	



Technology Request

ID	TRNL20191024001	 
Title	Dutch designer and consultant in built environment is looking for partners in low temperature heat networks to accelerate energy transition	
Abstract	<p>The company is a worldwide operating and leading designing and consultancy organization in natural and built environment. As their mission is improving quality of life, the energy transition fits perfectly in their mission.</p> <p>In the Netherlands buildings are being disconnected from the natural gas grid whilst at the same time municipalities are supposed to have their energy strategies ready on a district level in 2021. At the moment there are three alternatives to the gas network: all electric (very expensive) and a high temperature heat network (needs a large market). Low temperature heat networks however, have lower costs and might not need the large market of the high temperature heat districts.</p> <p>The company believes low temperature heating can be a solution for an affordable and phased rollout of a heat network, so building owners do not have to wait for government regulation and subsidies. But there are a lot of challenges to make sure all possibilities are utilized.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME or larger companies • R&D Institution • University <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • The company is looking for organizations, especially start-ups or scale-ups, interested in participating in a consortium to realize a prototype or pilot, together with cooperation partners and municipalities. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • The partner could probably contribute to setting a standard and get introduced in an interesting network of cooperation partners and municipalities, which can also be used to spread the concept further if it is demonstrably effective and get access to a support and a test environment. 	
Link	<u>Full Version: TRNL20191024001</u>	
Deadline	Internal Deadline: 01 Nov 2020	



Technology Request

ID	TRNL20191023002	 
Title	Dutch operator of offshore floating platforms is looking for ways to convert wind power into hydrogen and further into a liquid that can safely be transported to the shore	
Abstract	<p>The Dutch company is a designer, builder and operator of floating platforms for oil and gas production (FPSO's) in deep waters. In the energy transition from oil/gas towards renewable energy sources, they are looking for opportunities to use and apply their existing FPSO knowhow into these new markets.</p> <p>In the energy transition to sustainable energy, offshore wind becomes more and more important. After offshore wind turbines in coastal and shallow waters such as the North Sea, the latest developments point towards offshore wind farms in more remote seas with stronger winds. Wind farms in remote areas may not economically be connected to the shore via electrical cables, and new technological concepts are needed for the transportation of the energy to the shore.</p>	
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> • SME or larger companies • R&D Institution • University <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> • The company is looking for organizations, enterprises and universities <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> • The companies should help with developing new and efficient installations to convert electrical energy. Cooperation is organized as consortium. • The companies can evaluate the overall economic feasibility of this floating offshore wind concept with hydrogen conversion 	
Link	<u>Full Version: TRNL20191023002</u>	
Deadline	Internal Deadline: 29 Oct 2020	

Technology Request

ID	TRUK20191104001		
Title	Technology sought for noise reduction for ship engine exhaust		
Abstract	<p>A Multinational shipping enterprise with a registered base in Scotland (UK) is seeking solutions that can be applied to cargo and passenger ships that travel in all of the world's oceans.</p> <p>Currently, exhaust from 8-cylinder diesel engines creates a low frequency noise in the funnel of our passenger ferries that can cause building vibrations and unpleasant pressure on the ears as ships approach the shore to dock at the pier. During inclement weather, these docking maneuvers take longer to complete and complaints from nearby residents increase.</p>		
Partners Sought	<p><u>Type of Partners sought:</u></p> <ul style="list-style-type: none"> SME or larger companies <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> A partner is sought that can provide a way to reduce noise for a ship engine exhaust. The partner must be able to demonstrate laboratory or pilot scale data and be able to show a clear pathway to application on commercial ships. <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> The client is flexible in the amount of technical involvement in the type of partnership considered. Where some development is required for the specific application considered here, the product could be developed jointly or there could be some other commercial agreement for development with technical assistance. 		
Link	<u>Full Version: TRUK20191104001</u>		
Deadline	Internal Deadline: 04 Nov 2020		

Technology Offer

ID	TOIR20190904001		
Title	Irish SME offers a patented disruptive non-contact liquid dispensing & printing technology for licensing, partnerships and commercial distribution agreements		
Abstract	<p>An Irish based SME specialising in core platform technology for non-contact ultra-low volume, ultra-high accuracy acoustic dispensing of liquids. This platform technology brings new features, benefits and possibilities to applications where precision low volume liquid dispensing is required. The technology uses inexpensive disposable polymer dispensing cartridges, which eliminate the possibility of cross-contamination, remove the need for washing out the dispenser system and allow for a quick change over between liquids.</p> <p>Potential applications include: creation of serial dilutions for the calibration of scientific instruments; preparing reagents for assays; dispensing / printing living cells; printing bio-probes; printing microarrays; printing microneedles; printing nano-materials; dispensing adhesives; dispensing bacteria; printing radioactive materials; etc.</p>		
Partners Sought	<u>Stage of Development:</u> <ul style="list-style-type: none"> Already on the market 		
	<u>Type of Partners sought:</u> <ul style="list-style-type: none"> SME or larger companies R&D Institution University 		
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Bio Chem Tech Materials Nano- und Microtechnologies 		
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> Collaborations and Original Equipment manufacturers (OEM) partnership agreements are also welcome. 		
Link	<u>Full Version: TOIE20190904001</u>		
Deadline	Internal Deadline: 30 Oct 2020		

Technology Offer

NEW

ID	TOPL20191015001
Title	A Polish company developing industrial grade software for distributed robotic observatories is looking for service agreement and R&D cooperation in the renewable energy market
Abstract	<p>A Polish developer of IT solutions ranging from scheduling, operation of distributed networks of robotic sensors, through data acquisition, storage, analysis and reporting is looking for new partners and business opportunities.</p> <p>The company specializes in ground segment optical sensors: construction, integration, operation and maintenance in the domains of space safety, space debris, research and education. The entity has many years of experience in the industry and cooperates with both the research sector and business clients. It specializes in developing tools for space-traffic operators and astronomers, from automatic data acquisition to data analysis, using networks of observatories and cloud 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"> SME or larger companies R&D Institution University <p><u>Specific area of activity:</u></p> <ul style="list-style-type: none"> The company is looking for partners mainly in Europe, North America and Asia. It is experienced in operating on foreign markets (75% of revenue), with both large and small clients (from individuals through the European Space Agency, to universities, research and development centres and large commercial companies). <p><u>Tasks to be performed:</u></p> <ul style="list-style-type: none"> Commercial agreement with technical assistance Manufacturing agreement Research cooperation agreement
Link	<u>Full Version: TOPL20191015001</u>
Deadline	Internal Deadline: 30 Oct 2020



Technology Offer



ID	TOES20191018002	
Title	Expertise in coatings and nanomaterials for concentrated solar power (CSP) plants for applying to H2020 R&D projects	
Abstract	<p>A Spanish non-profit private technological centre has a large trajectory in international cooperation. The centre has coordinated 19 of the total 43 participated European projects from FP4 to Horizon 2020 including LIFE and ECO-Innovation programs. The main R&D fields where the centre develops its activities are nanotechnology, new materials and advanced-environment technologies.</p> <p>The centre has a great expertise in the development and production of nanomaterials and nano-coatings with advanced properties and is currently working in projects related with thermal solar power plants. In this way, in thermal energy storage, the centre could provide improvements in</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"> SME or larger institutions University R&D Institution 	
	<u>Specific area of activity:</u> <ul style="list-style-type: none"> Thermal solar energy 	
	<u>Tasks to be performed:</u> <ul style="list-style-type: none"> Definition of technical requirements Modelling and testing End-users Regulatory and standard assessment Production of training, learning and education resources 	
Link	<u>Full Version: TOES20191018002</u>	
Deadline	Internal Deadline: 30 Oct 2020	