



HORIZON 2020



EXCELLENT SCIENCE

1 offer



INDUSTRIAL LEADERSHIP

3 offers (2 new)

PARTNERSEARCH OFFERS FOR EUROPEAN PROJECTS



EUREKA

2 offers

PARTNERSEARCH FOR TECHNOLOGY COOPERATION



Technology Offer

3 offers (3 new)



Technology Request

3 offers (3 new)



Excellent Science

ID	RDES20190122001	
Call	FETOPEN-01-2019: FET-Open Challenging Current Thinking	
Title	3D cell culture model of the female reproductive system	
Abstract	Endometriosis, uterine infections and hormonal problems are reproductive disorders that impair fertility in human and other animal species. Infertility negatively affects health and welfare and carries severe economic losses to livestock up to 1.4 billion €/year just in EU. The project will develop a 3D cell culture model of the female reproductive system (human, bovine, porcine and dog) from last updates in the field. This proposal will provide alternatives to animal testing, increase the efficiency of treatments for female infertility –including human- and improve animal production.	
Partners Sought	<u>Type of Partners sought:</u> SME	
	<u>Specific area of activity:</u> Expertise in: - Nano-systems for 3D cell culture - Diagnostic tool development - Medical Technology / Biomedical Engineering	
	<u>Tasks to be performed:</u> Collaborate in the 3D cell culture model of the female reproductive system	
Link	Full Version — RDES20190122001	
Deadline	Internal Deadline: 02.05.2019 — Call Deadline: 19.09.2019	



Industrial Leadership



ID	RDES20190314001	
Call	H2020 INNOSUP-01-2018-2020: Cluster facilitated projects for new industrial value chain	
Title	New ICT products and services for the wine sector	
Abstract	The project aims to obtain and manage funds to finance small innovation projects focused to develop or introduce new ICT products or services within the whole value chain of wine sector. The targeted partners are other cluster organisations or other SME intermediaries from the wine and ICT sectors to set up collaboration and networking activities for SMEs and create a favourable "open space" for cross-sectoral fertilisation and value chain innovation. These partners will collaborate in innovation activities like the definition of the competitive calls, follow up of the projects, dissemination, etc.	
Partners Sought	<u>Type of Partners sought:</u> SME	
	<u>Specific area of activity:</u> ICT clusters, wine clusters and other SME intermediaries from the wine and ICT sectors	
	<u>Tasks to be performed:</u> - Joint publication of competitive calls for proposals - Evaluation of received proposals, follow up - Implementation of the selected projects, dissemination, etc.	
Link	Full Version — RDES20190314001	
Deadline	Internal Deadline: 28.03.2019 — Call Deadline: 03.04.2019	



Industrial Leadership



ID	RDTR20190311001	
Call	EIC-FTI-2018-2020: Fast Track to Innovation	
Title	End user software development tool	
Abstract	A very beneficial end user software development tool is being developed by the company. The software allows any software development without writing code by end user. Using this software, companies can prepare their functions and activity fields. The end users are able to modify software according to their needs easily and quickly. With the end user software development tool, companies can formulate their function and information area, determine workflow and advances reporting, alert system and their authorization by themselves.	
Partners Sought	<u>Type of Partners sought:</u> SME	
	<u>Specific area of activity:</u> Manufacturing company with more than 100 employees	
	<u>Tasks to be performed:</u> Testing and verification of the software by applying the tool according to their needs	
Link	Full Version — RDTR20190311001	
Deadline	Internal Deadline: 16.05.2019 — Call Deadline: 23.05.2019	



Industrial Leadership

ID	RDIT20190226001 
Call	EIC-FTI-2018-2020: Fast Track to Innovation
Title	Electric jet propulsion platform for the nautical world
Abstract	The aim of the project is to create the first electric jet propulsion platform for the nautical world. The platform is based on an electric engine and will be designed in a scalable way, so it will be available for recreational boating and commercial boating. Eight prototypes have been tested in water, at the moment the company is designing and finalizing the prototype n°9. The new propulsion platform proposed fits into this context and combines the advantage of an electric motorization with the advantage of a jet propulsion. Both technologies are combined in the new platform, becoming a single propulsion device.
Partners Sought	<u>Type of Partners sought:</u> • SME • R&D Institution • University <u>Specific area of activity:</u> First partner: • Expertise in smart battery packs building, with CAN (Controller Area Network) bus • Active BMS (Battery Management System) • Smart remote control for usage/malfunction battery informations Second partner: • Expertise in EV-HEV-PHEV (Electric Vehicles, Hybrid Electric Vehicles, Plug-in Hybrid Electric Vehicles) design • Expertise in inverter/driver brushless motor control • Expertise in Vehicle Control Unit developments
Link	Full Version — RDIT20190226001
Deadline	Internal Deadline: 01.04.2019 — Call Deadline: 23.05.2019



Eureka Eurostars

ID	RDKR20190225001	
Call	Eureka Eurostars 2	
Title	Inspection and laser utilization device	
Abstract	The project aims to develop and improve inspection device, optic device, and carbon compound material technologies. 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.	
Partners Sought	<u>Type of Partners sought:</u> • SME • R&D Institution • University	
	<u>Specific area of activity:</u> • Experts with experience in laser related technologies or inspection devices	
	<u>Tasks to be performed:</u> • 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: 14.08.2019 — Call Deadline: 14.09.2019	



Eureka Eurostars

ID	RDTR20190121001	
Call	Eureka Eurostars 2	
Title	Bee Hive Sensing for predicting the risk of colony collapse	
Abstract	The aim of the project is to develop a technology for remotely controlling all hives by using a smart phone application. Within the system, beacon based sensors are placed in the bee hives to monitor hive weight, temperature, humidity and sound, on a continuous basis. The graphic interface of bee hive monitoring is easy to interpret and is "user-friendly". Furthermore, the humidity and temperature will be able to be controlled remotely to maximize possible alternative essential oil Varroa mite treatments and to boost brood production in the early spring months. All of the continuous data collection and remote controls of the hives will be displayed on one smart phone application. Data collection will be uploaded to the smart phone continuously using already existing cell phone network technology.	
Partners Sought	<u>Type of Partners sought:</u> • SME or larger company • R&D Institution • University <u>Specific area of activity and tasks to be performed:</u> • Cloud System Designer for IoT applications and phone applications (IOS and Android) • Drug producer for beehives against varroa, nosema,...etc	
Link	Full Version — RDTR20190121001	
Deadline	Internal Deadline: 30.04.2019 — Call Deadline: 03.06.2019	

Technology Offer

ID	TOIT20190307001		
Title	Patented method for dental pulp cryopreservation		
Abstract	A leading Italian public medical research centre committed to healthcare and translational medicine has patented an innovative, simpler and cheaper method for cryopreserving dental pulp in order to isolate stem cells after cryopreservation. The innovative method is cryopreserving directly the tooth with its dental pulp stem cells. It ensures good results in terms of post-thawing recovery percentages and of vitality and proliferative capacity of the cells.		
Partners Sought	<u>Stage of Development:</u> Available for demonstration		
	<u>Type of Partners sought:</u> - SME or larger company - R&D Institution		
	<u>Specific area of activity and tasks to be performed:</u> Healthcare industrial partner focused in biobanking and regenerative medicine sectors interested in licensing the technology for further commercialization in relevant market Industrial partner or R&D institution for further co-development and new applications of the innovative method		
Link	Full Version — TOIT20190307001		
Deadline	Internal Deadline: 11.03.2020		

Technology Offer



ID	TOBG20190305001	
Title	Super-macroporous hydrogel carriers	
Abstract	A Bulgarian research organization has developed a facile technology for fast fabrication of super-macroporous hydrogel (cryogel) carriers of various bioactive substances. The materials are spongy-like water-based gels, comprising biocompatible, biodegradable and/or stimuli-responsive polymer network and embedded bioactive substances. The technology described is more convenient as compared to the commonly exploited redox-system method and allows faster and better controlled synthesis of cryogel carriers.	
Partners Sought	<u>Stage of Development:</u> - Available for demonstration <u>Type of Partners sought:</u> - SME - R&D Institution - University <u>Specific area of activity:</u> - Producers of pharmaceutical, medical and/or biotechnological products <u>Tasks to be performed:</u> - Develop innovative products based on the technology (commercial agreement with technical assistance)	
Link	Full Version — TOBG20190305001	
Deadline	Internal Deadline: 12.03.2020	

Technology Offer

ID	TOAT20170907001		
Title	Tailor-made vibration damping technology		
Abstract	An Austrian SME developed a novel composite material (steel structure filled with special concrete) with excellent vibration damping properties. It is adjustable to individual client needs. For many new machining centers it significantly improved machining accuracy, enhanced tool life (up to 20% decrease in tool consumption), increased processing speeds (e.g. 20% reduced grinding times) and lowered noise emission. The system has proven its advantages in many different applications especially in Austria, Germany and Switzerland for more than 5 years and has been improved and adapted to suit even the most challenging applications.		
Partners Sought	<u>Stage of Development:</u> - Already on the market <u>Type of Partners sought:</u> - SME or large company - R&D Institution - University <u>Specific area of activity:</u> Developers and/or manufacturers of machine tools, machining centers, industrial robots, industrial testing technology R&D institutions, universities with a research focus on thermal stability of machine tools (thermal simulations etc.), or development of alternative filling compounds <u>Tasks to be performed:</u> Technical cooperation partners: The SME offers FEM (finite element method) analysis, design, engineering, and assembling of the system according to client requirements Research cooperation partners: Enter into new R&D projects for funding programmes		
Link	Full Version — TOAT20170907001		
Deadline	Internal Deadline: 05.03.2020		



Technology Request



ID	TRNL20190307001	
Title	Sustainable packaging concepts for fresh fruits, vegetables and mushrooms	
Abstract	A major Dutch supplier and distributor of a fresh, year-round assortment of fruit, vegetables and mushrooms to (international) supermarkets and wholesalers is looking for new, sustainable and environmentally friendly packaging concepts.	
Partners Sought	<u>Type of Partners sought:</u> - SME or larger company - R&D Institution - University	
	<u>Specific area of activity:</u> Suppliers and developers of (biobased) packaging and packaging design agencies	
	<u>Tasks to be performed:</u> - Development, application and implementation of new, sustainable and environmentally friendly packaging concepts, technologies and solutions - Manufacturing of new, sustainable and environmentally friendly packaging	
Link	Full Version — TRNL20190307001	
Deadline	Internal Deadline: 11.03.2020	

Technology Request

ID	TRES20190307001		
Title	Test bench for high strain rate characterization of plastic/metallic/foam/composite materials		
Abstract	Spanish technology centre working in the development of solutions for transport and energy is looking for a provider of materials testing machines. The product requested is a servohydraulic high strain rate testing system, with a window allowing strain measurement by digital image and an optional coupled climatic chamber. This new facility is aimed at expanding the research and knowledge capabilities of the centre.		
Partners Sought	<u>Type of Partners sought:</u> - SME or larger company <u>Specific area of activity:</u> - A company provider of dynamic materials (plastic/metallic/foam/composites) testing machines <u>Tasks to be performed:</u> - Provide the test bench and instructions for its proper use (commercial agreement with technical assistance)		
Link	Full Version — TRES20190307001		
Deadline	Internal Deadline: 12.03.2020		



Technology Request



ID	TRFR20190227001	
Title	Looking for scientific expertise in soy fermentation	
Abstract	A French start-up specialised in the development of culinary aids for professionals and restaurateurs is looking for scientific expertise in the field of soy fermentation in salted environment for new developments. The expert should have a sound knowledge of salted fermentation processes of soy whether in brine or yeast in order to ensure and maintain a constant quality and taste.	
Partners Sought	<u>Type of Partners sought:</u> • R&D Institution • University <u>Specific area of activity:</u> • Public academic or research institute with expertise in salted fermentation of soy <u>Tasks to be performed:</u> • Assessing the process, providing scientific data on fermentation (technical cooperation)	
Link	Full Version — TRFR20190227001	
Deadline	Internal Deadline: 07.03.2020	