



## Boletín nº 166 de Oportunidades de Cooperación: Tecnologías de la Información y Comunicaciones

(Junio 2018)

## ÍNDICE

### 1. Listado de perfiles de cooperación (68)

### 2. Informes y Publicaciones

### 3. Eventos

### Anexo con detalle de los perfiles de cooperación

## 1. Perfiles de cooperación (68)

	Título	Referencia	País	Tipo
1	Horizon 2020/ MSCA: Researcher in optoelectronics /photonic sought	RDDE20180509001	Germany	Proyecto busca socios
2	H2020-SC1-BHC-10-2019: public procurers and experts in Next Generation Sequencing, genomics, ethics and data protection are sought for routine diagnosis in haematology and oncology	RDES20180510001	Spain	Proyecto busca socios
3	EUROSTARS2: Project proposal to develop a complete platform for advanced metering infrastructure (AMI)	RDKR20171026003	South Korea	Proyecto busca socios
4	A Korean company/consortium is looking for a European company/consortium for R&D programs to develop smart fire detection platforms for the bilateral R&D programs with the Korean government	RDKR20180403001	South Korea	Proyecto busca socios
5	EUROSTARS Project looking for biobank specialised in Rheumatoid Arthritis and other autoimmune diseases	RDFR20180531002	France	Proyecto busca socios
6	UK-based university with an existing consortium seeks partners for Horizon 2020 proposal in the areas around smart and healthy living at home/personalised medicine	RDUK20180611001	United Kingdom	Proyecto busca socios
7	UK SME seeks partners for proposal to Innovate UK Open Round 5 or 6, to develop a high-efficiency uncooled combustion engine	RDUK20180411002	United Kingdom	Proyecto busca socios
8	H2020-MSCA-IF-2018: Researcher needed for the development of novel methodologies for analysis and design of steel and timber joints	RDES20180524001	Spain	Proyecto busca socios
9	H2020-MSCA-IF-2018: Researcher needed for the development of disruptive solutions in the integration of building services and energy systems in architecture and urbanism	RDES20180524003	Spain	Proyecto busca socios

10	Technology and equipment for production of soft magnetic materials based on iron powder	TOBY20180 411001	Belarus	Oferta
11	Technology and equipment for production of porous material from polytetrafluoroethylene by laser ablation	TOBY20180 414001	Belarus	Oferta
12	Demonstrative bio-refinery to scale-up the production of bio-products and bio-fuels from biomass.	TOES20180 328001	Spain	Oferta
13	A Croatian company offers an energy efficient remote body temperature measuring device under license agreement and commercial agreement with technical assistance	TOHR20180 521001	Croatia	Oferta
14	A Korean company offers AR(Augmented Reality) based video call technology that increases efficiency of remote support service	TOKR20180 404001	South Korea	Oferta
15	A Korean company seeks a partner on their developed wireless telecommunication equipment	TOKR20180 424001	South Korea	Oferta
16	A Turkish SME specialized in detecting materials on an airport taxiways offers their technology for commercial agreements	TOTR20180 517001	Turkey	Oferta
17	Ukrainian company, producer of cooling towers and cooling towers components, is looking for dealers/agents, end customer or engineering companies	TOUA20180 313001	Ukraine	Oferta
18	Miniaturized ice detection sensor for aerospace and automotive applications	TOGR20180 521001	Greece	Oferta
19	License for a force lever system for precise measurement of torques under multi-component loads	TODE20180 403003	Germany	Oferta
20	Area monitoring of neutron radiation	TODE20180 403002	Germany	Oferta

21	Neutron monitor for pulsed radiation fields	TODE20180 403004	Germany	Oferta
22	Greek company offering an innovative warehousing and logistics operations system is looking for new partners under commercial agreement with technical assistance	TOGR20180 427001	Greece	Oferta
23	Recreational boat tracking and monitoring device, autonomous and accompanied with a cloud dashboard.	TOGR20180 524001	Greece	Oferta
24	A French SME is looking for distributors/integrators for real time solution to manage temperature tracking of sensitive products	TOFR20180 424001	France	Oferta
25	Cost saving surface pretreatment technology for optimizing gluing, coating, imprinting or painting of plastic parts and other components.	TOAT20180 523001	Austria	Oferta
26	Quality control device intended for contactless measurement of rims profile thickness offered for commercial or license agreement	TOCZ20180 412001	Czech Republic	Oferta
27	Innovative Serbian software solution for complex optimization problems as an internet service	TORS20180 313001	Serbia	Oferta
28	UK-based SME offers its mental health care pathway service to clinicians	TOUK20180 522002	United Kingdom	Oferta
29	An EU-funded regional project is looking for companies in the European Union that would like free access to research institutes in the Baltics	TOSE20180 419001	Sweden	Oferta
30	Established Slovak research institute has developed an exceptional nanomaterial with unique photofunctionality applicable e.g. in photochemistry. The institute is looking for investors or companies interested in manufacturing of the nanomaterial	TOSK20180 509001	Slovakia	Oferta
31	Development and production of control units for the decentralized sewage treatment with the focus on	TOCZ20180 606001	Czech Republic	Oferta

	smart home technology			
32	Monitoring of the dynamic behavior of civil and building structures	TOES20180319001	Spain	Oferta
33	Humidity measurement system on the terrain for remote multi-sensing and mentoring	TOES20180319002	Spain	Oferta
34	Industry inspection system	TOES20180319004	Spain	Oferta
35	Basal electric heating system for greenhouses plug and play	TOIT20180419001	Italy	Oferta
36	Final development and commercialisation of a UK-developed crankless internal combustion engine	TOUK20180508002	United Kingdom	Oferta
37	A post-functionalizable, sustainable and cost-effective graphene aerogel.	TOES20180405001	Spain	Oferta
38	Physiological parameter monitoring, analysis and prediction technology for life quality improvement.	TOLV20180508001	Latvia	Oferta
39	Heat recovery technology based on the organic Rankine cycle and operating with temperatures from 85°C to generate up to 300 kWe.	TOES20180123001	Spain	Oferta
40	Technical partners sought for self-repairing industrial robot system.	TOUK20180601001	United Kingdom	Oferta
41	Lithuanian research centre specialising in selective surface activation induced by laser ir seeking a technical or research cooperation partner	TOLT20180110001	Lithuania	Oferta
42	A new authentication method that is both more secure and more user-friendly	TOUK20180607002	United Kingdom	Oferta
43	A smart voice assistant for the factory and industry 4.0	TOUK20180522001	United Kingdom	Oferta

44	Integrated platform for animal identification, tracking and anomaly detection	TOUK20180607001	United Kingdom	Oferta
45	Batteryless communication and sensing platform for Industry 4.0	TOAT20180427001	Austria	Oferta
46	UK company is looking to integrate its solid-state battery with Internet of Things applications	TOUK20180601002	United Kingdom	Oferta
47	Innovative building integration photovoltaics (BIPV) modules	TOPL20180420001	Poland	Oferta
48	Improved strains for production of tacrolimus and analog compounds using genetic engineering tools and omics data	TOES20180406001	Spain	Oferta
49	A UK company developing autonomous mobile robots for intra-logistics transport is seeking technology partners to develop key technological capabilities and validate its product over a larger pool of user-cases	TOUK20180508004	United Kingdom	Oferta
50	Cloud-based system for utility meter and sensor data collection and monitoring	TOLV20180514002	Latvia	Oferta
51	Combined nitrogen oxide (NOx) and particulate matter (PM) removal system for diesel engine exhausts	TOKR20180111002	South Korea	Oferta
52	Software platform and app for services to people with disabilities	TOIT20180215001	Italy	Oferta
53	Artwork display device with audio and mail services dedicated to non-cultural public facilities	TOFR20180411001	France	Oferta
54	Advanced driver assistance systems for the automotive industry and mobile machines	TODE20180612003	Germany	Oferta
55	Dutch company offers technology for handheld device for measuring the tension in pre-stressed cables	TONL20180305001	Netherlands	Oferta

56	Simple and affordable space missions	TOUK20180 417001	United Kingdom	Oferta
57	High power fuel cell for portable and mobility application	TOSG20180 530001	Singapore	Oferta
58	High-speed high-fidelity 3D advanced audio array simulation is available for license	TOUK20180 517001	United Kingdom	Oferta
59	Secured internet of things (IoT) for smart metering systems	TOSG20180 502001	Singapore	Oferta
60	Urban mobility sharing system based on a for that purpose designed electric vehicle	TOCH20180 425001	Switzerland	Oferta
61	Omnidirectional marine anchor offered for licence	TOUK20180 223001	United Kingdom	Oferta
62	Personalized 3 dimensional audio hologram for headphones	TOSG20180 515001	Singapore	Oferta
63	Bioinformatics service for differential expression analysis of ribonucleic acid (RNA) sequencing data	TOES20180 424001	Spain	Oferta
64	Innovative method for the production of new electric or data transmission cables with high electrical conductivity and high data transmission speed	TOIT201804 17001	Italy	Oferta
65	Logistics management software powered by blockchain, artificial intelligence & machine-learning technology	TOSG20180 510001	Singapore	Oferta
66	Elaboration of paintball game manager system technology	TRLV20180 508001	Latvia	Demanda
67	Technical partner sought for production of smart radiator valves	TRBE20180 508001	Belgium	Demanda
68	French SME laying outdoor cast soft floor mats is looking for ecological binding agents	TRFR20180 515001	France	Demanda



## 2. Informes y Publicaciones

Informe “TIC 360, Transformación Digital en la Universidad” (Crue Universidades Españolas)  
<http://tic.crue.org/wp-content/uploads/2016/03/transformacion-digital-univ.pdf>

Informe “Blockchain: Cómo desarrollar confianza en entornos complejos para generar valor de impacto social” (BID)  
<https://publications.iadb.org/handle/11319/8919>

II Estudio sobre la Digitalización de los Departamentos de Recursos Humanos (Fundación Personas y Empresas y Talentia Software)  
<http://www.talentia-software.es/la-digitalizacion-una-asignatura-pendiente-en-los-departamentos-de-recursos-humanos-en-espana/>

Informe “AI in the Enterprise. Real-World Strategies for Artificial Intelligence” (Altimeter, Prophet)  
<https://marketing.prophet.com/acton/media/33865/ai-in-the-enterprise>  
La evolución de la Red en España: del Tesis a la economía digital (red.es, Foro Histórico de las Telecomunicaciones y Asociación Española de Ingenieros de Telecomunicación de Madrid)  
<http://www.ontsi.red.es/ontsi/es/content/50-a%C3%B1os-de-la-red-de-redes>

Informe “Smart cities: Digital solutions for a more livable future” (McKinsey Global Institute)  
<https://www.mckinsey.com/industries/capital-projects-and-infrastructure/our-insights/smart-cities-digital-solutions-for-a-more-livable-future>

Estudio Anual de Redes Sociales 2018 (IAB Spain y Eloigia)  
<https://iabspain.es/la-generacion-z-es-la-que-mayor-numero-de-redes-sociales-utiliza-y-con-mayor-frecuencia-de-uso/>

2018 Deloitte Millennial Survey. Millennial Disappointed in bussines, unprepared for Industry 4.0 (Deloitte)  
<https://www2.deloitte.com/es/es/pages/human-capital/articles/encuesta-millennial.html>

Informe “Global Challengers 2018: Digital Leapfrogs. Global Challenges Lead Digital Business Revolution” (BCG)  
<https://www.bcg.com/d/press/17may2018-global-challenges-business-revolution-2018-192750>

Informe “Adex Benchmark 2017. Digital Advertising in Europe” (IAB Europe)  
[https://iabspain.es/wp-content/uploads/iab-europe\\_adex-benchmark-2017-results-at-interact\\_23-05-18.pdf](https://iabspain.es/wp-content/uploads/iab-europe_adex-benchmark-2017-results-at-interact_23-05-18.pdf)

Informe “MobilityISDgital” (ISDI)  
<https://www.isdi.education/es/isdigital-data-publicaciones-investigaciones#>

Informe “Tap into New Growth with Intelligent Connectivity. Mapping your transformation into a digital economy with GCI 2018” (Huawei)  
<http://www.huawei.com/minisite/gci/en/>

Informe “The Coming Quantum Leap in Computing” (BCG)

<https://www.bcg.com/d/press/16may2018-quantum-computing-business-applications-in-sight-192539>

Informe “CEO Outlook 2018. Edición España. Crecer con esfuerzo” (KPMG)

<https://home.kpmg.com/es/es/home/insights/2018/05/ceo-outlook-2018-espana.html>

Informe “La conquista del hogar digital. Digital Consumer Survey 2018” (Accenture)

<https://www.accenture.com/es-es/insight-digital-consumer-survey-2018>

Informe “Seizing the GDPR Advantage: From mandate to high-value opportunity” (Capgemini, Instituto de Transformación Digital)

<https://www.capgemini.com/es-es/news/el-85-de-las-empresas-aun-tiene-dificultades-para-cumplir-con-el-rgpd-pero-las-que-ya-estan-preparadas-tienen-ahora-muchas-opportunidades/>

Índice IESE Cities in Motion – ICIM (Centro de Globalización y Estrategia del IESE)

<http://www.ieseinsight.com/doc.aspx?id=2124&idioma=1>

Informe Cotec 2018 (COTEC)

<http://cotec.es/sm-el-rey-participa-en-la-presentacion-del-informe-cotec-2018/>

Informe “Financing a Forward-Looking Internet for All” (World Economic Forum)

<https://www.weforum.org/whitepapers/financing-a-forward-looking-internet-for-all>

Digital Economy and Society Index – DESI Report 2018 (Comisión Europea)

<https://ec.europa.eu/digital-single-market/en/news/desi-report-2018-telecoms-chapters>

21st CEO Survey. Key findings from the telecommunications industry (PwC)

<https://www.pwc.com/gx/en/ceo-agenda/ceosurvey/2018/gx/industries/telecommunications.html>

Informe “Programación, robótica y pensamiento computacional en el aula. Situación en España, enero de 2018” (Instituto Nacional de Tecnologías Educativas y de Formación del Profesorado – INTEF)

<http://educalab.es/-/informe-sobre-programacion-robotica-y-pensamiento-computacional-en-el-aula-situacion-en-espana>

Informe “The Fourth Industrial Revolution is here – are you ready?” (Deloitte Insights)

<https://www.forbes.com/forbes-insights/our-work/fourth-industrial-revolution/>

Informe “Situación y perspectivas del comercio electrónico minorista” (EAE Business School)

[http://marketing.eae.es/prensa/SRC\\_ComercioElectronico.pdf](http://marketing.eae.es/prensa/SRC_ComercioElectronico.pdf)

Informe “Measuring the Digital Economy” (International Monetary Fund – IMF)

<http://www.imf.org/en/Publications/Policy-Papers/Issues/2018/04/03/022818-measuring-the-digital-economy>

Informe “Las contrataciones bancarias y su nivel de digitalización” (The Cocktail Analysis)

<http://tcanalysis.com/blog/posts/las-contrataciones-bancarias-y-su-nivel-de-digitalizacion>

2018 Risk in Review Study. Managing risks and growth in the age of innovation (PwC)  
<https://press.pwc.com/News-releases/ALL/effectively-tackling-innovation-risk-helps-fuel-organisational-growth/s/c3c22b30-4754-4f24-9af2-49e45a8f12c1>

Informe “Transformación Digital en el Comercio” (ICEMD y Coolhunting Group)  
<https://www.icemd.com/digital-knowledge/estudios/estudio-digital-commerce-trends/>

Informe “Automotive Smart Factories. Putting automotive manufacturers in the digital industrial revolution driving seat” (Capgemini)  
<https://www.capgemini.com/es-es/news/la-industria-del-automovil-ganara-160-000-millones-de-dolares-en-productividad-con-la-fabrica-inteligente-para-2023/>

## 4. Eventos

### **Transferencia de Tecnología (CESEAND-EEN y Agencia Andaluza del Conocimiento)**

Calendario en constante actualización.

A continuación se muestran eventos de networking internacionales extraídos del siguiente enlace:  
<http://een.ec.europa.eu/tools/services/EVE/Event/ListEvents?nolayout=true>

Pregúntenos por algún evento que sea de su interés si no está en la tabla.

Igualmente, si está interesado en más información o participar en alguno, por favor, contacte con nosotros antes de dar cualquier paso:

### **Future Events Enterprise Europe Network**

3 July 2018	<a href="#">Brokerage event : e-Health Connection 2018</a> <b>Brokerage Event</b> - Castres (France)
4 July 2018	<a href="#">Sporttechmatch 2018 Nantes</a> <b>Brokerage Event</b> - Nantes (France)
10 July 2018	<a href="#">Face2Face meetings at EuroScience Open Forum (ESOF) 2018</a> <b>Brokerage Event</b> - Toulouse (France)
12 July 2018	<a href="#">SCAPE 2018 Matchmaking Stockholm Conference on Applications in Power Electronics</a> <b>Brokerage Event</b> - Stockholm (Sweden)
21 August 2018	<a href="#">gamesmatch@gamescom 2018 - Matchmaking event for the games industry</a> <b>Brokerage Event</b> - Cologne (Germany)
31 August	<a href="#">IFA Business Days - Matchmaking event "Networking &amp; New contacts" at</a>

2018	<a href="#"><u>IFA 2018</u></a> <b>Brokerage Event</b> - Berlin (Germany)
18 September 2018	<a href="#"><u>BROKERAGE EVENT - TECHINNOVATION 2018</u></a> <b>Brokerage Event</b> - Singapore (Singapore)
19 September 2018	<a href="#"><u>B2B-Meetings Internationales Forum Mechatronik 2018</u></a> <b>Brokerage Event</b> - Bolzano (Italy)
27 September 2018	<a href="#"><u>B2B-meetings at Add+it 2018</u></a> <b>Brokerage Event</b> - 4400 Steyr (Austria)
27 September 2018	<a href="#"><u>Hospital Innovation B2B</u></a> <b>Brokerage Event</b> - Lisboa (Portugal)
27 September 2018	<a href="#"><u>Cultural Heritage Matchmaking @ SuperScienceMe</u></a> <b>Brokerage Event</b> - Rende (CS) (Italy)
3 October 2018	<a href="#"><u>EU funding for defence and dual use research &amp; innovation synergies</u></a> <b>Brokerage Event</b> - Seville (Spain)
16 October 2018	<a href="#"><u>IoT (Internet of things) Solutions World Congress 2018 - Brokerage event</u></a> <b>Brokerage Event</b> - Barcelona (Spain)
16 October 2018	<a href="#"><u>elmug4future - conference and international brokerage event on smart sensors and related technologies</u></a> <b>Brokerage Event</b> - Erfurt (Germany)
19 October 2018	<a href="#"><u>Brokerage Event on Dronetech 2018 Fair</u></a> <b>Brokerage Event</b> - Toruń (Poland)
30 October 2018	<a href="#"><u>INDustrial TECHNOLOGIES 2018 - Innovative industries for smart growth</u></a> <b>Brokerage Event</b> - Vienna (Austria)
12 November 2018	<a href="#"><u>Healthcare Brokerage Event at MEDICA 2018</u></a> <b>Brokerage Event</b> - Düsseldorf (Germany)
13 November 2018	<a href="#"><u>Smart City brokerage event 2018</u></a> <b>Brokerage Event</b> - Barcelona (Spain)
4 December 2018	<a href="#"><u>Face2Face Meetings @ H2020 ICT Conference</u></a> <b>Brokerage Event</b> - Vienna (Austria)

6 February 2019	<a href="#">CONTACT - Business Meetings</a> <b>Brokerage Event - Leipzig (Germany)</b>
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**Si estás interesado en ampliar información de este evento o de alguno de los perfiles de cooperación debes contactar con:**

**Jaime Durán - Agencia Andaluza del Conocimiento**

Consejería de Economía y Conocimiento

c/ Max Planck 3, Edificio Iris 1, 41092 SEVILLA

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## Research & Development Request

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### Horizon 2020/ MSCA: Researcher in optoelectronics /photonics sought

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#### Summary

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*A German precision engineering company is looking for a researcher in optoelectronics/ photonics with technical skills for the development of remote sensing devices to detect the speed of particles and objects based on the companies patented core technology. The aim is to commonly apply for a MSCA Individual Fellowship grant under Horizon 2020 (MSCA-IF-2018).*

**Expiration Date**      12 July 2018  
**Reference**              RDDE20180509001

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#### Network Contact

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**Open for EOI :**    **Yes**

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#### Attachments

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## Research & Development Request

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### **H2020-SC1-BHC-10-2019: public procurers and experts in Next Generation Sequencing, genomics, ethics and data protection are sought for routine diagnosis in haematology and oncology**

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#### Summary

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*A Spanish public hospital is looking for partners for submitting a proposal to the call H2020-SC1-BHC-10-2019: Innovation Procurement: Next Generation Sequencing (NGS) for routine diagnosis. Public procurers and experts in NGS, genomics, ethics and data protection in the field of haematology and oncology are sought for developing personalised medicine solutions and scale-up demand driven innovation for healthcare systems.*

**Expiration Date** 30 September 2018

**Reference** RDES20180510001

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#### Network Contact

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**Open for EOI :** **Yes**

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#### Attachments

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## Research & Development Request

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# EUROSTARS2: Project proposal to develop a complete platform for advanced metering infrastructure (AMI)

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### Summary

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*A Korean SME specialized in developing a total solution for AMI (Advanced Metering Infrastructure) is preparing a project proposal under the EUROSTARS2 programme. The proposed R&D project aims to further develop and design an AMI solution which can be adapted to local conditions and could monitor pricing information of electricity in real-time. A company or institute with expertise and experience in developing electric energy systems is welcomed to join for collaboration.*

**Expiration Date**      30 August 2018  
**Reference**              RDKR20171026003

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**Open for EOI :**    **Yes**

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### Attachments

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## Research & Development Request

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### **A Korean company/consortium is looking for a European company/consortium for R&D programs to develop smart fire detection platforms for the bilateral R&D programs with the Korean government**

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#### **Summary**

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*The Korean company/consortium built around an R&D performing organization has been set up and is looking for a company/consortium in Eureka Clusters. Together, the consortium would like to apply for Korean government's bilateral R&D programs with the governments of Spain, Czech Republic and France in latter half of 2018. Innovative platforms and algorithms will be evaluated for early fire alert and extinguishing. Open architecture sensor platform will be used to detect the source of fire.*

**Expiration Date**      20 August 2018  
**Reference**              RDKR20180403001

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**Open for EOI :**    **Yes**

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#### **Attachments**

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## Research & Development Request

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# EUROSTARS Project looking for biobank specialised in Rheumatoid Arthritis and other autoimmune diseases

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### Summary

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*A French SME has developed a personalized medicine software platform focused to improve the management of inflammatory diseases in rheumatology. From a simple blood sample, the platform predicts the effectiveness of a treatment before its prescription based on the analysis of specific biomarkers of the patient. The French SME is looking for a research partner specialized in blood samples and autoimmune diseases in order to test the performance of the platform within an Eurostars project*

**Expiration Date** 13 July 2018  
**Reference** RDFR20180531002

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**Open for EOI :** **Yes**

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### Attachments

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## Research & Development Request

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### **UK-based university with an existing consortium seeks partners for Horizon 2020 proposal in the areas around smart and healthy living at home/personalised medicine**

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#### **Summary**

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*A UK-based consortium is looking to develop a system to enable the elderly to live more independently. The innovation core to the proposal is an AI assisted personalised interface for mobile devices using learning systems, update and or change installed apps to optimise the coaching of individuals. The consortium is looking for partners, industrial and academic, who have been involved in projects around the theme of healthy living at home, to strengthen a core consortium for a proposal to H2020.*

**Expiration Date**      15 August 2018  
**Reference**              RDUK20180611001

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**Open for EOI :**    **Yes**

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#### **Attachments**

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## Research & Development Request

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### **UK SME seeks partners for proposal to Innovate UK Open Round 5 or 6, to develop a high-efficiency uncooled combustion engine**

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#### **Summary**

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*UK London based SME is developing uncooled internal combustion engines (ICEs) for all hybrid applications and fuels, including hydrogen. The piston/cylinder assembly is being manufactured from structural ceramics. Around one third of fuel energy is currently dissipated in cooling systems - this waste is eliminated. Partners are sought with experience in fuel delivery systems, ceramic materials, turbocharging and exhaust energy recovery for an application to Innovate UK Open Round 5 or 6.*

**Expiration Date**      02 July 2018  
**Reference**              RDUK20180411002

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**Open for EOI :**    **Yes**

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#### **Attachments**

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## Research & Development Request

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### **H2020-MSCA-IF-2018: Researcher needed for the development of novel methodologies for analysis and design of steel and timber joints**

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#### **Summary**

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*A research group of a university located in the North of Spain seeks a researcher to be candidate for HORIZON 2020 – MSCA / Individual Fellowships (H2020-MSCA-IF-2018). She/he will be asked to prepare a proposal aimed at developing a novel methodology for analysis of 2D joints based on advanced computational techniques and metamodels, which will exceed the accuracy and reliability of both the component and semi-empirical methods currently in use.*

**Expiration Date**      07 July 2018  
**Reference**              RDES20180524001

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**Open for EOI :**    **Yes**

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#### **Attachments**

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## Research & Development Request

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### **H2020-MSCA-IF-2018: Researcher needed for the development of disruptive solutions in the integration of building services and energy systems in architecture and urbanism**

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#### **Summary**

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*A research group of a university located in the North of Spain seeks a researcher to be candidate for HORIZON 2020 – MSCA / Individual Fellowships (H2020-MSCA-IF-2018). They are looking for a motivated candidate who wishes to develop alternative and/or disruptive solutions in the integration of building services and energy systems in architecture and urbanism (theoretical and/or practical developments).*

**Expiration Date**      07 July 2018  
**Reference**              RDES20180524003

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**Open for EOI :**    **Yes**

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#### **Attachments**

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## Technology Offer

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### Technology and equipment for production of soft magnetic materials based on iron powder

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#### Summary

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*Belarus research institute offers new method and equipment for synthesis of metallic powder used to produce soft magnetic materials with better properties. The technology reduces production costs of soft magnetic materials in 1.5-2 times compared to existing methods. The institute seeks cooperation with industrial partners for license agreement, commercial agreement with technical assistance or joint venture agreement and R&D institutions for research cooperation agreement.*

**Reference** TOBY20180411001

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**Open for EOI :** **Yes**

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#### Attachments

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## Technology Offer

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# Technology and equipment for production of porous material from polytetrafluoroethylene by laser ablation

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### Summary

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*Belarus research institute developed a method to produce porous material from polytetrafluoroethylene (PTFE). The material can be made in form of wool or felt. The advantages of high surface hydrophobicity, chemical and temperature resistance come from PTFE. Typical applications of material are filtration of toxic chemicals and medicine. The institute seeks cooperation under manufacturing agreement, commercial agreement with technical assistance or joint venture agreement.*

**Reference** TOBY20180414001

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---

### Attachments

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## Technology Offer

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# Demonstrative bio-refinery to scale-up the production of bio-products and bio-fuels from biomass.

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### Summary

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*A Spanish public research centre has developed a demonstrative bio-refinery for scaling-up the biological production of bio-products and bio-fuels from biomass, mainly lignocellulosic or wet fermentable biomass. The centre offers to companies and R&D centres technical cooperation agreements, services agreements or joint R&D&I agreements related to this technology, according to the technical capacities and objectives of the potential partners.*

**Reference** TOES20180328001

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**Open for EOI :** **Yes**

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### Attachments

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## Technology Offer

---

# A Croatian company offers an energy efficient remote body temperature measuring device under license agreement and commercial agreement with technical assistance

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### Summary

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*A small Croatian company, active in the field of electrical engineering, computing, and information and communication technology, developed a prototype of a device for continuous remote body temperature monitoring. The advanced technology consists of the wireless transfer of information to the central node via the human body. The company is interested in partnership under license agreement and commercial agreement with technical assistance.*

Reference TOHR20180521001

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**Open for EOI :**   **Yes**

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### Attachments

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## Technology Offer

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# A Korean company offers AR(Augmented Reality) based video call technology that increases efficiency of remote support service

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### Summary

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*A Korean company has developed AR based video call technology which increases efficiency of remote support. By using this technology, information is indicated on video call display of receiver simultaneously as the sender draws contents on the device which makes direct remote support possible. The Korean company hopes to sign license agreement with companies interested in remote support service.*

Reference TOKR20180404001

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Open for EOI : **Yes**

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### Attachments

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## Technology Offer

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### A Korean company seeks a partner on their developed wireless telecommunication equipment

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#### Summary

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*A Korean company as a developer and supplier of professional wireless equipment such as active DAS(distributed Antenna System), RF(radio frequency) repeaters and wireless access point(AP) for Korean telecommunication companies is looking for a partner who is jointly able to pursue commercial and technical cooperation. Desirable partners are those who have such customers as telecom companies, Wi-Fi hotspot operators, base station manufacturer, or facility service companies in Europe or U.S.A.*

Reference TOKR20180424001

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Open for EOI : **Yes**

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#### Attachments

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## Technology Offer

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### **A Turkish SME specialized in detecting materials on an airport taxiways offers their technology for commercial agreements**

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#### **Summary**

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*A Turkish SME is specialized in pattern recognition, image segmentation, robot vision, and deep learning and has substantial experience in detecting Foreign Object Debris (FOD) material that should not be found on an airport taxiways. The company is now looking for company partners for commercial agreements with technical assistance for further implementation and technical cooperation agreement.*

**Reference**                      TOTR20180517001

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#### **Attachments**

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## Technology Offer

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### **Ukrainian company, producer of cooling towers and cooling towers components, is looking for dealers/agents, end customer or engineering companies**

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#### **Summary**

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*A Ukrainian company is able to offer a wide range of packaged-type or field erected mechanical draft cooling tower with a capacity up to 10 000 m<sup>3</sup>/h as well as custom designed cooling tower in order to provide customer with the best engineering solution. Looking for: end customer (towers, components and equipment purchase, operation, maintenance); dealer or agent (negotiation, products promoting and sale in the local market); engineering company (products-in-project integration).*

**Reference**                      TOUA20180313001

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**Open for EOI :**    **Yes**

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#### **Attachments**

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## Technology Offer

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# Miniaturized ice detection sensor for aerospace and automotive applications

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### Summary

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*A Greek SME active in the design and manufacturing of opto-electronic sub-systems offers a miniaturized ice detection sensor capable of not only detecting the presence of ice in a surface but also to identify its type (glaze, rime, mixed) and measure its thickness. The sensor can be used in the aerospace, automotive, wind turbines, and agro/food industry. Industrial partners and SMEs from all respective markets are sought for commercial agreement in order to integrate the sensor to their systems*

**Reference** TOGR20180521001

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### Attachments

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## Technology Offer

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# License for a force lever system for precise measurement of torques under multi-component loads

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### Summary

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*A German research institute has developed a system for precise measurement of torques under multi-component loads. The traceable measurement of torques greater than 2MN·m is of enormous importance (e.g. the wind energy industry). The invention enables feedback by splitting the torque into several force signals, measured over a defined lever length and an exact method with a measurement uncertainty of at most 1%. The institute looks for licensees and partners for research cooperations.*

**Reference**                      TODE20180403003

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### Attachments

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## Technology Offer

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### Area monitoring of neutron radiation

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#### Summary

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*A German research institute has developed a solution for the area monitoring of nuclear plants and equipment that generate ionising radiation (nuclear plants, medicine, research) which requires measurements of the ambient dose equivalent of all components of ionising radiation outside the plant. The equipment used must distinguish between radiation of natural and artificial origin and the influence of interference on the measured value must be negligible. The institute is searching for licensees*

**Reference**           TODE20180403002

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#### Attachments

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## Technology Offer

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### Neutron monitor for pulsed radiation fields

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#### Summary

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*A German research institute has developed a dosimeter, an electronic radiation meter with high isotropy, low dead time and thus high metrological quality for pulsed neutron fields which enables measurements of pulsed radiation fields, as they occur in basic research, synchrotron radiation or medical accelerators, which pose new challenges to dosimetry. The research institute is searching for licensees.*

**Reference**           TODE20180403004

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#### Attachments

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## Technology Offer

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### **Greek company offering an innovative warehousing and logistics operations system is looking for new partners under commercial agreement with technical assistance**

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#### **Summary**

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*A Greek company which is currently offering an innovative warehousing and logistics operations system, is looking to extend its network abroad by finding new partners under commercial agreement with technical assistance. The company has successfully outperformed to some of the best competitive warehouse management systems on the market, offering enterprise-scale true adaptability and flexibility. Their system has been successfully integrated with major enterprise resource planning.*

**Reference** TOGR20180427001

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#### **Attachments**

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## Technology Offer

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### **Recreational boat tracking and monitoring device, autonomous and accompanied with a cloud dashboard.**

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#### **Summary**

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*A Greek innovative start-up company specialized in the field of maritime software and hardware for fleet management purposes is offering an autonomous vessel tracking device specially designed for the yacht recreational sector. Partners of any size active in yacht and recreational marine industry are sought interested to conclude commercial agency agreement with technical assistance.*

**Reference** TOGR20180524001

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---

#### **Attachments**

---

## Technology Offer

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### **A French SME is looking for distributors/integrators for real time solution to manage temperature tracking of sensitive products**

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#### **Summary**

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*A French technology-based SME, expert in electronic devices and software development, has developed a real time non intrusive solution for temperature tracking of not only medicine boxes but also every kind of sensitive products. The company looks for distributors/integrators of medical related products for Clinical Research Organizations (CRO) to integrate the software part into the management system of the CRO. Technical cooperation is sought, and also research cooperation if possible.*

**Reference** TOFR20180424001

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**Open for EOI :** **Yes**

---

#### **Attachments**

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## Technology Offer

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### **Cost saving surface pretreatment technology for optimizing gluing, coating, imprinting or painting of plastic parts and other components.**

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#### **Summary**

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*An Austrian SME developed a new atmospheric cold plasma activation technology for synthetic surfaces. Compared to similar systems it saves operating costs and 30% investment costs, is easier to install in existing productions and suitable for complex surfaces. Nearly all materials (plastics, metals, glass, textiles..) can be treated for packaging, medical, automotive etc. applications. Companies and technical research institutes are sought for commercial, technical and/or research cooperations.*

**Reference** TOAT20180523001

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#### **Attachments**

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## Technology Offer

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### **Quality control device intended for contactless measurement of rims profile thickness offered for commercial or license agreement**

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#### **Summary**

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*A Czech innovation support centre, situated by the technical university, offers its new technology for license or commercial agreement. The technology is based on the device intended for contactless measurement of flow formed rims profile. Measurement and evaluation of rim profile is completely automatic. Measurement of profile is based on two laser scanners on movable frame.*

**Reference** TOCZ20180412001

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#### **Attachments**

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## Technology Offer

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### **Innovative Serbian software solution for complex optimization problems as an internet service**

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#### **Summary**

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*A Serbian spin-off R&D company developed an innovative internet service for solving complex optimization problems, without investing in hardware and with significantly lower level of required expertise in the field of optimization and high performance computing. Implementation of this innovation eliminates the need for initial investment in equipment, and reduces personnel costs by 80%. The company is interested in joint venture or a commercial agreement with technical support.*

**Reference**                      TORS20180313001

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#### **Attachments**

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## Technology Offer

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### **UK-based SME offers its mental health care pathway service to clinicians**

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#### **Summary**

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*A UK-based SME has developed a care pathway for mental health combining evidence-based therapeutic interventions with the latest digital solutions in a secure, user friendly web-based environment. The SME is offering this pathway to clinicians operating in the mental health space for use with their patients. The partnership is envisaged as a services agreement or a technical cooperation agreement with the partner providing feedback for further development to the SME as part of the partnership.*

**Reference**                      TOUK20180522002

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#### **Attachments**

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## Technology Offer

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### **An EU-funded regional project is looking for companies in the European Union that would like free access to research institutes in the Baltics**

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#### **Summary**

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*An EU-funded regional project is looking for companies in the European Union that would be interested in entering a service agreement with research institutes in the Baltics. The companies would get free access to test their ideas, products or processes in state-of-the art facilities as part of a regional project that wants to strengthen the relationship between research and industrial needs.*

**Reference** TOSE20180419001

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#### **Attachments**

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## Technology Offer

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**Established Slovak research institute has developed an exceptional nanomaterial with unique photofunctionality applicable e.g. in photochemistry. The institute is looking for investors or companies interested in manufacturing of the nanomaterial**

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### Summary

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*Slovak institute has developed an exceptional nanomaterial with unique photofunctionality. Hybrid inorganic-organic supramolecular systems composed of photoactive luminescent dye molecules embedded in a layered structure of nanomaterials exhibit attractive features, such as emission, absorption and nonlinear optical properties. The institute is looking for partners to cooperate with via financial agreement, manufacturing agreement or via services agreement.*

**Reference** TOSK20180509001

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**Open for EOI :** **Yes**

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## Attachments

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## Technology Offer

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# Development and production of control units for the decentralized sewage treatment with the focus on smart home technology

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### Summary

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*A Czech family owned SME, a developer and manufacturer of patented solutions, develops control units for decentralized sewage treatment plants with the focus on smart technologies. The company is offering its development and production capacity to companies who need smart, electronic and mechatronic devices. Commercial agreement with technical assistance or services agreement are possible envisaged forms of partnership.*

Reference TOCZ20180606001

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Open for EOI : **Yes**

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### Attachments

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## Technology Offer

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# Monitoring of the dynamic behavior of civil and building structures

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### Summary

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*Infrastructures and construction area of Spanish technology centre is offering a monitoring of dynamic behaviour of civil and building structures system to companies and administrations interested in using new methods to control their buildings and civil infrastructures so their lifetime increased. Partnerships sought are services agreement with public administrations and companies, and research cooperation with any type of entity in the field of construction engineering.*

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**Open for EOI :** **Yes**

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### Attachments

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## Technology Offer

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# Humidity measurement system on the terrain for remote multi-sensing and mentoring

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### Summary

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*Spanish technology centre is offering its humidity measurement system to companies and public administrations interested in developing new products and technologies to measure the quality and the security of their roads, being able to improve road safety. Partnerships sought are services agreement for companies and public administrations specialized on road infrastructures and research cooperation agreement with any type of entity in the field of road infrastructure.*

**Reference** TOES20180319002

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### Attachments

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## Technology Offer

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### Industry inspection system

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#### Summary

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*Industry solutions division of Spanish technology centre is offering its industrial inspection system to companies interested in developing new technologies to control industry production. Using these technology methods allows the control of commercial production in factories and detection of possible production failures. Partnerships sought are service agreement (mainly in automotive but open to any kind of sector) and research cooperation with any type of entity in the field of industry.*

**Reference** TOES20180319004

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**Open for EOI :** **Yes**

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#### Attachments

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## Technology Offer

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# Basal electric heating system for greenhouses plug and play

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### Summary

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*Italian SME developed and patented an innovative, highly efficient, easy to install basal heating system for greenhouses. The electric system, based on modular heating panels, creates favorable conditions to stimulate plants growth and shorter productive cycles. The company is willing to establish commercial agreements with technical assistance and technical cooperation agreements with manufacturing companies of greenhouse equipments and with greenhouse cultivation and seed growing companies.*

**Reference** TOIT20180419001

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**Open for EOI :** **Yes**

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### Attachments

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## Technology Offer

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# Final development and commercialisation of a UK-developed crankless internal combustion engine

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### Summary

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*A UK product development company has developed a novel light weight, highly efficient crankless internal combustion engine which does not require tooling for the crankshaft and connecting rods. This significantly reduces the cost compared to the conventional cranked engines. The company is looking to co-operate with engineering and equipment manufacture companies for final development and commercialisation via a license or technical co-operation agreement.*

Reference                      TOUK20180508002

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### Attachments

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## Technology Offer

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# A post-functionalizable, sustainable and cost-effective graphene aerogel.

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### Summary

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*A Spanish research institution has developed a simple, eco-friendly and easily scalable method for the production of graphene oxide aerogel. The material obtained contains numerous functional groups and presents high stability in air and aqueous medium. The possible applications are focused on membrane technologies, CO2 adsorption, selective adsorption of gases, supercapacitors and batteries, among others. Industrial partners are being sought to collaborate through a patent licence agreement.*

Reference TOES20180405001

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### Attachments

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## Technology Offer

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# Physiological parameter monitoring, analysis and prediction technology for life quality improvement.

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### Summary

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*A research centre from Latvia specialised in neuroscience, especially focusing on human neurological and physiological status diagnostics, is offering physiological parameter monitoring, analysis and prediction technology, developed up to a working prototype. The main advantages of the technology are real time body analysis and individual calculation algorithms. The research centre is looking for R&D partners for further development of the technology offering research cooperation agreements.*

**Reference** TOLV20180508001

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**Open for EOI :** **Yes**

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### Attachments

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## Technology Offer

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### **Heat recovery technology based on the organic Rankine cycle and operating with temperatures from 85°C to generate up to 300 kWe.**

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#### **Summary**

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*Spanish SME has developed a thermodynamic cycle, based on the organic Rankine technology, for converting low-quality thermal energy into electricity or mechanical energy. They seek technological partners with knowledge and experience in heat recovery technologies or renewable energies (geothermal, biomass and solar thermal). They seek to carry out a technical cooperation agreement for different technology applications in the UK and Germany.*

**Reference** TOES20180123001

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#### **Attachments**

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## Technology Offer

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### Technical partners sought for self-repairing industrial robot system.

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#### Summary

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*A UK SME has developed a self-repairing industrial robot system using a patented novel method which eliminates planned and unplanned downtime and system failures. They are now seeking technical partners to further develop the innovation, via technical cooperation agreement, to a proof of concept stage but they are also open to license agreements.*

Reference                      TOUK20180601001

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#### Attachments

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## Technology Offer

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### **Lithuanian research centre specialising in selective surface activation induced by laser ir seeking a technical or research cooperation partner**

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#### **Summary**

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*The research center from Lithuania is looking for electronics companies who are interested in molded interconnect devices or electronics on glass surfaces. The center can offer new cost effective (comparing with state of the art) technology for circuit traces formation on both plastic and glass surface. The right partner is sought for a technical cooperation, research cooperation or license agreement.*

**Reference** TOLT20180110001

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#### **Attachments**

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## Technology Offer

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### **A new authentication method that is both more secure and more user-friendly**

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#### **Summary**

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*A UK company has developed an authentication method that is easy for users to memorise whilst generating one-time codes and being extremely secure. It is also hardware-free and easy to roll out for authentication solutions developers and users in sectors such as banking, insurance, e-commerce. Businesses are sought for license agreements.*

**Reference**                      TOUK20180607002

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#### **Attachments**

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## Technology Offer

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### A smart voice assistant for the factory and industry 4.0

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#### Summary

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*A small company in the East of England has launched a voice assistant for manufacturing teams. Using natural language processing (NLP) technology, it allows the machines to understand human commands and fill any gaps in data collection. This hands-free system saves time, reduces waste, and improves quality of data. Machine building and other manufacturers are sought for commercial agreements with technical assistance.*

**Reference**                      TOUK20180522001

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#### Attachments

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## Technology Offer

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# Integrated platform for animal identification, tracking and anomaly detection

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## Summary

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*A UK company provides an end-to-end solution for tracking of assets such as animals, and anomaly detection. It combines a variety of third party and proprietary hardware and software and is adaptable to changing needs, such as changes in range, indoor/outdoor, offline/cloud-based, etc. Alerts and visualisation will be highly customised to specific needs. Agricultural but also industrial and transport users are sought for commercial agreements with technical assistance.*

**Reference**                      TOUK20180607001

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## Attachments

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## Technology Offer

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# Batteryless communication and sensing platform for Industry 4.0

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### Summary

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*An Austrian University is developing a batteryless sensor chip for wireless communication for a variety of application fields such as industry (Internet of Things). The main advantages of the developed sensor platform are the low maintenance costs and a modular design for individual areas of application. Partners are sought from industry and academia under technical cooperation or research agreement.*

**Reference** TOAT20180427001

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### Attachments

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## Technology Offer

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# UK company is looking to integrate its solid-state battery with Internet of Things applications

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### Summary

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*A UK company has developed a patented solid-state battery technology that uses ceramic ion conductor instead of conventional electrolytes. It has distinct benefits over lithium-ion batteries in number of areas, incl. energy efficiency, faster charge and longer life-span. The company is looking for energy harvesting and sensor companies who have Internet of Things technology to integrate with their new batteries. Commercial agreement with technical assistance or license agreement can be offered.*

**Reference**                      TOUK20180601002

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**Open for EOI :**    **Yes**

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### Attachments

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## Technology Offer

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# Innovative building integration photovoltaics (BIPV) modules

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### Summary

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*A Polish company active in photovoltaics solutions sector has developed a new kind of PV modules which can be integrated in roofs or facades of buildings. It allows high levels of natural light in, reducing the need for artificial lighting. The partners for technical cooperation or joint venture are sought and also partners for further product development through research cooperation.*

**Reference** TOPL20180420001

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### Attachments

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## Technology Offer

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# Improved strains for production of tacrolimus and analog compounds using genetic engineering tools and omics data

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### Summary

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*A Spanish biotechnological institute offers their experience and knowledge on the molecular microbiology of the producer tacrolimus (FK506) strain, streptomyces tsukubaensis for the development of improved high-producing derivative strains. Pharma industries are sought for services agreement. Academic partners interested in research cooperation agreement are also sought.*

Reference TOES20180406001

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## Technology Offer

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**A UK company developing autonomous mobile robots for intra-logistics transport is seeking technology partners to develop key technological capabilities and validate its product over a larger pool of user-cases**

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### Summary

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*The company is a UK based SME developing autonomous mobile robots for intra-logistics material transport. It is developing self-driving material transport vehicles that can be incorporated into companies' warehouses effortlessly. The company is currently engaged in on-site validation trials and is seeking collaborative European partners to develop key technological capabilities and validate the system over a larger pool of user-cases, under a technical cooperation agreement.*

Reference                      TOUK20180508004

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### Attachments

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## Technology Offer

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### Cloud-based system for utility meter and sensor data collection and monitoring

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#### Summary

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*A company from Latvia has developed a solution for monitoring and data collection from various utility meter sensors and other measurements. Transmitters are developed to support wide range of utility meters (water, heat, energy) as well as different environment sensors, such as temperature, humidity, CO2, and other. The company is looking for commercial agreement with technical assistance with partners interested in implementation of the technology in customised real-time monitoring systems.*

**Reference** TOLV20180514002

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#### Attachments

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## Technology Offer

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### Combined nitrogen oxide (NOx) and particulate matter (PM) removal system for diesel engine exhausts

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#### Summary

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*A company is a Korean-based research of creative technology related to new energy industries and climate changes since established in 1961. Development of power supply which leads to high efficiency, for example, is the representative technology. The company wishes Nitrogen Oxide (NOx) and Particulate matter (Soot) concurrent processing system to be facilitated and improved under the partnerships of license, research cooperation, services and commercial agreement with technical assistance.*

**Reference** TOKR20180111002

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#### Attachments

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## Technology Offer

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# Software platform and app for services to people with disabilities

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### Summary

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*An Italian company has developed a novel software platform and app targeting people with disabilities, to ease their daily actions, services, and interactions with common activities. The company is interested in finding partners for jointly market the solution to potential industries through financial agreements, or commercial agreements with technical assistance, or technical cooperation agreements.*

**Reference** TOIT20180215001

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### Attachments

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## Technology Offer

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### **Artwork display device with audio and mail services dedicated to non-cultural public facilities**

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#### **Summary**

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*A connected artwork support for use in non-cultural public areas is set up by a French spinoff company from a major applied arts school in Paris. Property management agencies are sought for a commercial agreement with technical assistance in order to validate use cases. Technical cooperation agreement is also expected with corporates interested to experiment the device in their public open facilities, such as public transport waiting areas, company lobbies, entertainment areas, and malls.*

**Reference** TOFR20180411001

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#### **Attachments**

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## Technology Offer

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# Advanced driver assistance systems for the automotive industry and mobile machines

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### Summary

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*A German SME provides technologies for the automation of vehicles. They offer support with complex hard- and software solutions for driver assistance, automated driving and autonomous systems. Furthermore, the automation of mobile machines is another core competence of the company. They look for cooperation agreements with technical assistance.*

**Reference**                      TODE20180612003

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### Attachments

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## Technology Offer

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### **Dutch company offers technology for handheld device for measuring the tension in pre-stressed cables**

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#### **Summary**

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*A Dutch company offers an efficient technology to measure tension in pre-stressed cables contactless that can be used primarily in the concrete industry to improve efficiency. The method consists of several components that are ready for demonstration. The company is looking for a company interested to bring this technology to the market, there is a market demand for the system. The proposed type of collaboration is a commercial agreement with technical assistance.*

**Reference**                      TONL20180305001

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#### **Attachments**

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## Technology Offer

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### Simple and affordable space missions

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#### Summary

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*This UK-based company has developed two innovative and unique technology-enabled offerings. The first is a payload development service allowing to go from PoC/prototype to space-qualified technology in less than six months. The second is a 'one-stop-shop' to orbit service allowing the demonstration of a commercial service through one or a constellation of satellites. They seek service agreements with companies either developing innovative payloads or that provide a service using satellite data.*

Reference                      TOUK20180417001

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#### Attachments

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## Technology Offer

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### High power fuel cell for portable and mobility application

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#### Summary

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*A Singapore institute of higher learning and research has developed novel fuel cells powered by hydrogen that have 2-3 times higher energy density compared to conventional energy storage devices, such as lithium ion batteries. The fuel cells can be utilized in a broad range of applications, including flight, personal mobility, portable off-grid power etc. This technology is available for licensing. The institute seeks licensing or research partnerships with SMEs of any size or MNEs.*

Reference TOSG20180530001

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#### Attachments

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## Technology Offer

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### High-speed high-fidelity 3D advanced audio array simulation is available for license

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#### Summary

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*A technology transfer organisation in the UK that specialises in the commercialisation of defence and security technology research is licensing a high-speed high-fidelity 3D advanced audio array simulation system. The novel system generates faster, more accurate simulations of audio arrays to improve user experience and reduce costs. The company is looking to license out this technology to audio product developers and service providers that undertake performance assessments of audio arrays.*

**Reference**                      TOUK20180517001

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#### Attachments

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## Technology Offer

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# Secured internet of things (IoT) for smart metering systems

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### Summary

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*A Singapore research institute has developed a technology that enables detection of tampered electricity meter readings at the concentrator in Advanced Metering Infrastructure (AMI) by securing with an end-to-end data integrity protocol. The research institute is seeking to collaborate and work with SMEs of any sizes and MNEs through licensing and research cooperation agreements.*

Reference TOSG20180502001

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### Attachments

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## Technology Offer

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### Urban mobility sharing system based on a for that purpose designed electric vehicle

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#### Summary

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*A Swiss spin-off offers an emission-free, sustainable mobility sharing system based on a specifically developed vehicle: three-wheel, electric with a roof, made of sustainable material. In its function, comfort and investment costs it is positioned between the car and the (e-)bike and developed for the first and last mile. The company is looking for partnerships with cities, public transport and sharing fleet providers as commercial agreement in form of feedback to the offered mobility solution.*

Reference TOCH20180425001

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#### Attachments

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## Technology Offer

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### Omnidirectional marine anchor offered for licence

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#### Summary

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*An innovative and cost-effective anchoring solution has been developed for the marine sector by a UK-based SME. The novel omnidirectional underwater anchor offers efficient self-burial on hard and soft sand and mud for marine craft. A partner, preferably with a marine background, is sought to launch the product on to the market through a licence agreement, a financial agreement or a commercial agreement with technical assistance.*

**Reference**                    TOUK20180223001

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#### Attachments

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## Technology Offer

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# Personalized 3 dimensional audio hologram for headphones

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### Summary

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*A Singapore MNE specializing in digital entertainment products has produced a binaural 3-dimensional (3D) audio hologram that can be personalized for each individual according to their parameters. The company is seeking licensing, research cooperation or commercial partnerships with SMEs of any sizes or MNEs.*

**Reference** TOSG20180515001

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### Attachments

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## Technology Offer

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# Bioinformatics service for differential expression analysis of ribonucleic acid (RNA) sequencing data

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### Summary

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*A Spanish biotechnological institute offers its bioinformatics service for the differential expression analysis of ribonucleic acid (RNA) sequencing data. The bioinformatics procedure involves quality control, alignment to reference genome, calculation of read counts per gene and differential expression analysis. Results would be provided with detail explanation of the output. Both industrial and academic partners are sought for services agreements collaboration.*

**Reference** TOES20180424001

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### Attachments

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## Technology Offer

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### **Innovative method for the production of new electric or data transmission cables with high electrical conductivity and high data transmission speed**

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#### **Summary**

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*An Italian University research group located in Rome has developed a method for the production of new electric or data transmission cables with high electrical conductivity and high data transmission speed. The solution can be applied in the cases where a reduction of the weight or an improving of the conductivity are required. The group is looking for industrial partners for a technical cooperation agreement for the adaptation of the technology to specific needs or for a license agreement.*

**Reference** TOIT20180417001

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#### **Attachments**

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## Technology Offer

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# Logistics management software powered by blockchain, artificial intelligence & machine-learning technology

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### Summary

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*A Singapore-based technology company has developed a logistics and supply chain management software that utilises blockchain, artificial intelligence (AI) and machine learning to optimise and manage fleets. The company has a strong founding team of experts from the logistics industry and has an expansive partner network across South East Asia and Australia. It is keen to seek licensing or services partnerships with SMEs of any size or MNEs in the logistics or supply chain industries.*

Reference TOSG20180510001

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### Attachments

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## Technology Request

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# Elaboration of paintball game manager system technology

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### Summary

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*A company from Latvia engaged in paintball game business and supply of equipment to paintball game managers/operators is seeking for technical cooperation agreement to develop joint elaboration of current paintball game manager system technology adding extended functionalities. After development of the technology, the partner should be able to manufacture in small series the elaborated paintball game management equipment.*

**Reference**                      TRLV20180508001

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### Attachments

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## Technology Request

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# Technical partner sought for production of smart radiator valves

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### Summary

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*A Brussels based company operating since 2015 develops smart programmable radiator valves and is looking for a technical partner to improve production volume. The partner sought is a company with experience in manufacturing of electronic printed circuit boards (PCB) as original equipment manufacturer (OEM). The company would like to develop collaboration under a manufacturing agreement or a technical collaboration agreement.*

**Reference** TRBE20180508001

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### Attachments

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## Technology Request

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### **French SME laying outdoor cast soft floor mats is looking for ecological binding agents**

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#### **Summary**

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*A French SME designing and manufacturing outdoor children and sports playgrounds made of soft cast floor mats is looking for ecological binding components as substitute to currently used petrochemical binding agents. The company is interested in finding partners for a commercial agreement with technical assistance.*

**Reference** TRFR20180515001

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