



enterprise europe

# Boletín de Oportunidades de Cooperación Tecnológica, Comercial e Investigación

## TIC y Seguridad

Boletín nº 154  
Mayo 2017



Agencia Andaluza del Conocimiento  
CONSEJERÍA DE ECONOMÍA Y CONOCIMIENTO



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  - 2. Informes y Publicaciones**
  - 3. Eventos**
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- Anexo con detalle de los perfiles de cooperación**

## 1. Perfiles de cooperación (50)

	Title	Reference	Type
1	M-ERA.NET 2017 - A French technology center looking for partners to develop a smartphone-based spectrometer	RDFR20170419001	Proyecto buscando socios
2	EUROSTARS2: Looking for partners for developing advanced metering infrastructure (AMI) total platform	RDKR20170405001	Proyecto buscando socios
3	Urgent H2020 EE06 : French SME looks for energy suppliers or distribution system operators(DSO)	RDFR20170502001	Proyecto buscando socios
4	H2020: Research partners sought for the project ENTRUST, a new generation network security system.	RDTR20170407001	Proyecto buscando socios
5	Eureka: seeking heavy duty truck and passenger vehicle manufacturers for a project on maintenance of automotive powertrain	RDTR20170327001	Proyecto buscando socios
6	German research institute seeks industrial partners working on redox-flow battery to join its H2020 proposal	RDDE20170411001	Proyecto buscando socios
7	Eurostars2: Partners for a collaborative	RDKR20170228007	Proyecto buscando

	research project on human mood recognition system		socios
8	H2020- EE-15-2017: looking for industry association involved in the energy efficiency loop	RDES20170403001	Proyecto buscando socios
9	Eurostars2: Partners for technical cooperation on developing a portable EV charger	RDKR20170228001	Proyecto buscando socios
10	A Hungarian authority invites a coordinator and partners to join a project entitled "Spreading the use of innovative financing schemes in Central and Eastern Europe to finance energy efficiency" under the call H2020 EE23 – 2017 Innovative financing schemes	RDHU20170403001	Proyecto buscando socios
11	Non-intrusive integrated system to detect epilepsy seizures at night-time.	TOES20170411002	Oferta
12	Characterization of chocolate ingredients and tempering control to avoid product defects : cooperation sought with chocolate industry	TOFR20170216001	Oferta
13	A Korean company wishes to find a reliable partner that is interested in introducing intelligent CCTV to the European security market	TOKR20170208002	Oferta
14	A Korean company offers compact, lightweight, and high energy density hydrogen generators and fuel cell systems	TOKR20170403001	Oferta

for UAV (Unmanned Aerial Vehicle), drone,  
robot etc

<b>15</b>	Measuring instrument for the determination of the effects of cavitation	TODE20170406004	Oferta
<b>16</b>	New method to measure the strength of cavitation	TODE20170406003	Oferta
<b>17</b>	Quality assurance of therapeutic ultrasound devices	TODE20170406002	Oferta
<b>18</b>	Lab on a chip: new piezoelectric actuators-based microvalve	TOES20170418001	Oferta
<b>19</b>	Fast and cost-effective computational chemistry methodology to find novel hits against Alzheimer and cancer.	TOES20170502001	Oferta
<b>20</b>	UK-based SME looking for licensees for its novel electrical safety technology	TOUK20170331001	Oferta
<b>21</b>	Telecare and fall detection system on a smart watch for the elderly	TOSI20170425001	Oferta

22	Innovative man-made fibre development from lab to pilot scale	TODE20170316001	Oferta
23	A Turkish SME is looking for partners to license its novelty system generating electrical energy from sea waves.	TOTR20170420001	Oferta
24	A UK based start-up seeks partners to run pilots of scalable, low cost technology of a high throughput microfluidic liquid-particle processing for bioproduction dewatering and environmental sample preparation	TOUK20170316002	Oferta
25	Wearable, low-cost device for examination of visual evoked potentials (VEPs) offered for licensing agreement	TOCZ20170327002	Oferta
26	German university specialized in maritime engineering in the largest wave flume of the world is looking for cooperative research and development agreements	TODE20170412001	Oferta
27	An Italian company offers a licence agreement for services for concrete corrosion monitoring and cathodic protection of reinforced concrete structures	TOIT20170411001	Oferta
28	Engineering partner for a technical cooperation on reducing the operational costs of liquid waste processing by replacing / supporting conventional atmospheric evaporators with membrane unit is sought	TOCZ20170407001	Oferta

29	Partners sought for a sound absorbing material with nanofibrous resonant membrane	TOCZ20170420001	Oferta
30	Energy efficiency on-site: a new methodology for urban planning and realization of energy-efficient neighborhoods under the aspects of climate change mitigation and global sustainability	TODE20170403002	Oferta
31	Dye-sensitized solar cell available by textile weaving process	TOKR20170228004	Oferta
32	Innovative optical, fiber optical and optomechanical solutions for medical, process and environmental measurement devices	TOFI20170404001	Oferta
33	A UK company developing an innovative remote sub-skin imaging software is looking for medical research universities or hospitals to conduct clinical trials	TOUK20170324001	Oferta
34	Partners sought to co-develop an e-medical / clinical molecular pathology diagnostic services platform	TOGR20170321001	Oferta
35	A Greek university robotics group offers rapid prototyping of robotic applications using Web and IoT (Internet of Things) approaches	TOGR20170328002	Oferta
36	Inventors of a technology that maximises energy generated by deep offshore wind turbines seek Financial Agreement to develop the technology	TOMT20170111001	Oferta



37	An Israeli start-up developing a system for harvesting sunlight for interior lighting, utilizing an optimized static collector, delivering free, healthy, human centric lighting, with full visible spectrum and no UV, is looking for strategic partners	TOIL20170506001	Oferta
38	An Estonian biomedical SME is offering a novel immunoprofiling platform	TOEE20170330001	Oferta
39	Innovative solid-state laser with a copolymer as active compound	TOES20170323001	Oferta
40	Synthesis of natural hybrid nanopigments for multiple industrial applications	TOES20170331001	Oferta
41	Acid-base electrochemical flow battery for electric energy storage	TOES20170405001	Oferta
42	Compact fibre optic module to compensate the dispersion occurring in the signal communication links	TOES20170405002	Oferta
43	Polish independent inventor offers concepts of two educational toys for toddlers and school-age children, improving their communication abilities and grasp of algebra, respectively	TOPL20170328001	Oferta



44	Vertical axis wind turbine for slow and changing wind speed	TOHU20170404001	Oferta
45	[A partner for EUREKA Cluster urgently sought] Development of light integrated CPS (Cyber Physical Systems) for small and medium manufacturer	TRKR20170407001	Demanda
46	French company looking for microencapsulated organic phase change material	TRFR20170316001	Demanda
47	Seeking miniaturised rechargeable battery technology for earphones	TRSG20170330001	Demanda
48	Speech recognition technology for an innovative platform	TRFR20170404001	Demanda
49	A Turkish technology company expert on smart and secure cities seeks specific drone technology	TRTR20170405001	Demanda
50	Manufacturers sought for production of robots dedicated to individuals	TRFR20170502001	Demanda

## 2. Informes y Publicaciones

Informe “European Data Market” (Comisión Europea, IDC y Open Evidence)

<https://ec.europa.eu/digital-single-market/en/news/final-results-european-data-market-study-measuring-size-and-trends-eu-data-economy>

Informe “Análisis geográfico de los servicios de banda ancha y despliegue de NGA en España. Datos junio 2016” (CNMC)

<https://www.cnmc.es/2017-04-13-la-banda-ancha-de-nueva-generacion-crece-casi-un-30-hasta-los-372-millones-de-accesos>

Informe “Travel Apps – How Travel Companies Can Thrive in the App Economy” (App Annie)

<https://www.appannie.com/en/insights/market-data/travel-industry-using-apps-take-flight/>

Informe “La economía intangible en España. Evolución y distribución por territorios y sectores (1995-2014)” (Fundación Cotec e Ivie)

<http://cotec.es/el-pib-de-espana-creceria-un-35-si-contabilizase-nuevos-intangibles/>

Informe “Youtubers y otras especies. El fenómeno que ha cambiado la manera de entender los contenidos audiovisuales” (Fundación Telefónica)

[https://www.fundaciontelefonica.com/arte\\_cultura/publicaciones-listado/pagina-item-publicaciones/itempubli/581/](https://www.fundaciontelefonica.com/arte_cultura/publicaciones-listado/pagina-item-publicaciones/itempubli/581/)

Informe “UNIVERSITIC 2016. Análisis de las TIC en las Universidades Españolas” (Crue Universidades Españolas)

[http://www.crue.org/Documentos%20compartidos/Publicaciones/Universitic/UNIVERSITIC%202016\\_versi%C3%B3n%20digital.pdf](http://www.crue.org/Documentos%20compartidos/Publicaciones/Universitic/UNIVERSITIC%202016_versi%C3%B3n%20digital.pdf)

Informe sobre Radiofrecuencias y Salud 2016 (Comité Científico Asesor en Radiofrecuencias y Salud – CCARS)

<http://ccars.org.es/noticias/157-el-ccars-presenta-su-nuevo-informe-sobre-radiofrecuencias-y-salud-2016>

Informe “Televisión Abierta. Situación actual y tendencias de futuro de la TDT” (COIT)

<https://www.coit.es/noticias/el-coit-presenta-el-libro-television-abierta-situacion-actual-y-tendencias-de-futuro-de-la>

Informe “Redrawing the lines: Fintech’s growing influence on Financial Services” (PwC)

<http://press.pwc.com/News-releases/ALL/most-global-financial-services-companies-plan-to-increase-fintech-partnerships--as-88--fear-loss-of-/s/1bb9507c-65f4-4014-a3ab-3784ac2ed7eb>

Informe “La Inversión en I+D+i 2017” (EAE Business School)

<http://www.eae.es/actualidad/faculty-research/la-inversion-espanola-en-i-d-i-aumenta-un-5-5-por-ciento-en-el-ultimo-ano-y-se-situa-en-13674-millones-de-euros>

Estudio sobre el nivel de madurez digital de las entidades financieras en España: Pasar de la estrategia a la ejecución (Accenture)

<https://www.accenture.com/es-es/insight-european-financial-services-digital-readiness>

Informe “Winning Experiences in the New Video World” (Accenture Consulting)

<https://newsroom.accenture.com/news/new-accenture-survey-reveals-55-percent-drop-in-consumers-who-prefer-to-watch-tv-shows-on-tv-sets.htm>

Informe “How blockchain technology could change our lives” (European Parliament)

[http://www.europarl.europa.eu/thinktank/en/document.html?reference=EPRS\\_IDA\(2017\)581948](http://www.europarl.europa.eu/thinktank/en/document.html?reference=EPRS_IDA(2017)581948)

Informe “Software: un catalizador de 910.000 millones de euros para la economía de la Unión Europea” (BSA y The Economist)”

<http://softwareimpact.bsa.org/eu/>

Informe “Compras TIC relacionadas con la Accesibilidad en la Contratación Pública en España” (CENTAC)

[https://drive.google.com/file/d/0By3TqH1Fw\\_TjMk4yem1KSVVXYVvk/view](https://drive.google.com/file/d/0By3TqH1Fw_TjMk4yem1KSVVXYVvk/view)

Informe “The Rise of InsurTech” (Accenture)

<https://newsroom.accenture.com/news/artificial-intelligence-and-internet-of-things-attract-almost-half-of-insurtech-funding-globally-in-2016-according-to-accenture-research.htm>

Informe “Hacia la estrategia para el mercado único digital de América Latina” (CAF)

<http://scioteca.caf.com/handle/123456789/997>

Savills Tech Cities 2017. The cities at the forefront of global tech (Savills)

[http://www.savills.com/research\\_articles/206166/214220-0](http://www.savills.com/research_articles/206166/214220-0)

Estudio Anual de Redes Sociales 2017 (IAB Spain y Elogia)

<http://iabspain.es/el-86-de-los-usuarios-192-millones-utilizan-a-diario-las-redes-sociales-en-espana/>

Informe “Índice IESE Cities in Motion 2016” (Centro de Globalización y Estrategia del IESE)

[http://ieseinsight.com/doc.aspx?id=1819&ar=5&idioma=1&\\_ga=1.225926810.1430627783.1492454527](http://ieseinsight.com/doc.aspx?id=1819&ar=5&idioma=1&_ga=1.225926810.1430627783.1492454527)

Informe “El nivel de madurez digital del sector financiero en España” (KPMG y Funcas)

<https://home.kpmg.com/es/es/home/tendencias/2017/04/nivel-madurez-digital-sector-financiero-espana.html>

Informe “The Digital Century: where is value headed in the digital space?” (Arthur D. Little)

[http://www.adlittle.com/viewpoints.html?&no\\_cache=1&view=811](http://www.adlittle.com/viewpoints.html?&no_cache=1&view=811)

Informe “What doctor? Why AI and robotics will define New Health” (PwC)

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<http://press.pwc.com/News-releases/ALL/consumers-ready-to-embrace-ai-and-robots-for-their-healthcare-needs/s/e6388c01-ee9a-4979-a0a4-b7d4641fa6f8>

Informe “The Economic and Social Impact of Software and Services on Competitiveness and Innovation” (Comisión Europea)

<https://ec.europa.eu/digital-single-market/en/news/economic-and-social-impact-software-and-services-competitiveness-and-innovation>

Estudio sobre la digitalización de los departamentos de RRHH (Fundación Personas y Empresas)

<http://www.fundacionpersonasyempresas.org/noticias/el-nivel-de-digitalizacion-de-los-departamentos-de-rrhh-de-las-empresas-espanolas-es-muy>

Informe “El sector de los videojuegos en España 2016. Avance” (AEVI)

<http://www.aevi.org.es/aevi-publica-adelanto-los-datos-del-sector-del-2016-videojuego-facturo-espana-1-163-millones-euros/>

eGovernment Factsheets 2017 (Comisión Europea)

<https://ec.europa.eu/digital-single-market/en/news/new-egovernment-factsheets-just-published>

Informe anual de Ciberseguridad de Cisco 2017 (Cisco)

[http://gblogs.cisco.com/es/2017/04/07/los-atacantes-tienen-mas-herramientas-a-su-disposicion-que-nunca/?CAMPAIGN=SC-04\\_ACR&COUNTRY\\_SITE=es&REFERRING\\_SITE=ciscospain-socialmedia&POSITION=social%2bmedia%2borganic&CREATIVE=fy17q3\\_es\\_acr-blog&KEYCODE=001476654&DTID=001476654&CCID=C000065145&OID=000063783](http://gblogs.cisco.com/es/2017/04/07/los-atacantes-tienen-mas-herramientas-a-su-disposicion-que-nunca/?CAMPAIGN=SC-04_ACR&COUNTRY_SITE=es&REFERRING_SITE=ciscospain-socialmedia&POSITION=social%2bmedia%2borganic&CREATIVE=fy17q3_es_acr-blog&KEYCODE=001476654&DTID=001476654&CCID=C000065145&OID=000063783)

Plan Digital 2020: la digitalización de la sociedad española (CEOE)

<http://www.ceoe.es/es/informes/i-d-i/plan-digital-2020-la-digitalizacion-de-la-sociedad-espanola>

Digital economy and society statistics – enterprises (Eurostat)

[http://ec.europa.eu/eurostat/statistics-explained/index.php/Digital\\_economy\\_and\\_society\\_statistics\\_-\\_enterprises](http://ec.europa.eu/eurostat/statistics-explained/index.php/Digital_economy_and_society_statistics_-_enterprises)

Informe “FoodISDIgital” (ISDI e IPSOS)

<http://www.ipsos.es/node/212>

## 3. Eventos

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

Calendario en constante actualización. Pregúntenos por algún evento que sea de su interés si no está en la tabla siguiente. Igualmente, si está interesado en más información o participar en alguno, por favor, contacte con nosotros antes de dar cualquier paso. Como nodo andaluz de la Red que organiza el evento, toda inscripción desde Andalucía debe ser asesorada desde aquí:

23 May 2017	<a href="#"><u>Brokerage event in conjunction with NXT@Communic Asia 2017</u></a> <b>Brokerage Event</b> - Singapore (Singapore)
23 May 2017	<a href="#"><u>Brokerage Event in conjunction with Broadcast Asia 2017</u></a> <b>Brokerage Event</b> - Singapore (Singapore)
31 May 2017	<a href="#"><u>Computex Taipei 2017 Brokerage Event</u></a> <b>Brokerage Event</b> - Taiepi (Taiwan)
6 June 2017	<a href="#"><u>Israel Mobile Summit 2017 - Brokerage event</u></a> <b>Brokerage Event</b> - Tel-Aviv (Israel)
7 June 2017	<a href="#"><u>chii2017 - Conference and B2B on Hyperspectral Imaging in Industry</u></a> <b>Brokerage Event</b> - Graz (Austria)
14 June 2017	<a href="#"><u>Matchmaking on Smart Logistics in conjunction with Unmanned Cargo Aircraft Conference</u></a> <b>Brokerage Event</b> - Venlo (Netherlands)
14 June 2017	<a href="#"><u>Photonics, Vision, Robotics &amp; Motion Brokerage Event 2017</u></a> <b>Brokerage Event</b> - Veldhoven (Netherlands)
16 Junio 2017	<a href="#"><u>Jornada TTAndalucía Smart Cities (Brokerage Event - Málaga</u></a>
20 June 2017	<a href="#"><u>INTELLIGENT TRANSPORT SYSTEMS - International B2B meetings ERTICO - ITS Europe, 20th June 2017, Strasbourg, France</u></a> <b>Brokerage Event</b> - Strasbourg (France)

21 June 2017	<a href="#"><u>Waterc Italy 2017 - Water Technology and Environmental Control Exhibition &amp; Conference and B2B</u></a> <b>Brokerage Event</b> - Palermo (Italy)
21 June 2017	<a href="#"><u>EuroNanoForum 2017 - conference and brokerage event</u></a> <b>Brokerage Event</b> - Valletta (Malta)
23 June 2017	<a href="#"><u>E<sup>2</sup> Tech4Cities 2017 – Energy &amp; Efficiency Technologies for cities</u></a> <b>Brokerage event</b> <b>Brokerage Event</b> - Brussels (Belgium)
28 June 2017	<a href="#"><u>Innovation in Medtech Brokerage event @MedFIT, 28th and 29th June, 2017 in Grenoble (France)</u></a> <b>Brokerage Event</b> - Grenoble (France)
28 June 2017	<a href="#"><u>Business Connection Forum Brussels - Brokerage event for companies active in the value chain of the digital technologies</u></a> <b>Brokerage Event</b> - Brussels (Belgium)
29 June 2017	<a href="#"><u>Sport Technology Matchmaking at the Grand Départ Düsseldorf</u></a> <b>Brokerage Event</b> - Düsseldorf (Germany)
3 July 2017	<a href="#"><u>Networking Session at the 7th International Digital Health Conference 2017 in London</u></a> <b>Brokerage Event</b> - London (United Kingdom)
22 August 2017	<a href="#"><u>gamesmatch@gamescom 2017 - Matchmaking event for the games industry</u></a> <b>Brokerage Event</b> - Cologne (Germany)
27 September 2017	<a href="#"><u>Brokerage Event at the International Forum Mechatronics</u></a> <b>Brokerage Event</b> - Linz (Austria)
11 October 2017	<a href="#"><u>Meet in Italy for Life Sciences 2017 - MIT4LS2017</u></a> <b>Brokerage Event</b> - Turin (Italy)
7 November 2017	<a href="#"><u>ICT Cluster and SME Mission 2017</u></a> <b>Company Mission</b> - Tokyo (Japan)
10	<a href="#"><u>Incoming Company mission during Filoxenia 2017 International</u></a>

November 2017	<a href="#">tourism event</a> <b>Company Mission</b> - Thessaloniki (Greece)
14 November 2017	<a href="#">Healthcare brokerage event Medica 2017</a> <b>Brokerage Event</b> - Düsseldorf (Germany)
24 November 2017	<a href="#">SPIN OFF and International research cooperation: how to better support SMEs</a> <b>Training</b> - Rome (Italy)

## **Horizonte2020, Cooperación Internacional, Workshops, Congresos**

*(Marcados en verde los que se celebran en Andalucía)*

[Aplicaciones de Copernicus para el Sector Agrario](#) Sevilla, 11 de mayo de 2017

[Industry day Workshop \(Advance Traveller Risk Analysis\)](#), 11 de mayo de 2017

[CoU Plenary & Thematic Workshop](#) 15-17 de mayo de 2017

[PICASSO webinar on Cybersecurity and its impact on EU-US ICT collaboration](#) 16 de mayo de 2017

[Feria Tecnológica Telecomunicaciones AOTEC](#), Sevilla 16-17 de mayo 2017

[Jornada "EC Communication Campaign: Segunda ola de simplificación en las Reglas de H2020"](#) 18 de mayo de 2017

[Horizon 2020 - Societal Challenge2 Infoday on Bio-based Industries Joint Undertaking \(BBI JU\) Annual Work Plan 2017 \(AWP 2017\)](#) Madrid, 18 de mayo de 2017

[European Maritime Day. The Future of our Seas](#) 18-19 de mayo de 2017

[Smart Living Marbella](#) – 18-19 mayo de 2017



[Jornada informativa Acciones Individuales MSCA IF 2017 en Sevilla](#), 23 de mayo de 2017

[Semana verde europea \("EU Green Week"\)](#) 29 de mayo-02 de junio de 2017

[World Circular Economy Forum 2017 \(& Side Events\)](#) 05-07 de junio de 2017

[Infosecurity Europe \(Infosec\) 2017](#) 06-08 de junio de 2017

[Jornada Informativa Nacional del Programa COST](#) Madrid, 06 de junio de 2017

[6-9 June - Internet of Things for Active and Assisted Living \(IoTAAL\) – Workshop at IEEE GIOT Summit 2017 \(Geneva, Switzerland\)](#)

[7-9 June - Congreso Anual de EBAN \(European Business Angels Network\) \(Málaga, Spain\)](#)

[8-9 Junio - Hi!Drone Technology \(Málaga, Spain\)](#)

[Information Security and Cryptography Fundamentals and Applications](#) Suiza, 12-14 de junio de 2017

[Water Innovation Europe 2017](#) 14-15 de junio de 2017

[12th ITS European Congress - ITS Beyond Borders](#) Estrasburgo (Francia), 19-22 de junio de 2017

[Luxemburg Circular Economy Hotspot](#) 20-22 de junio de 2017

[29 June - 1 July The Third International Conference on Information Security and Cyber Forensics \(INFOSEC2017\) \(Bratislava, Slovakia\)](#)

[Conference: "Research & Innovation ➤ shaping our future"](#) 03 de julio de 2017

[The future of Transportaion World Conference](#) Colonia (Alemania), 05-06 de julio de 2017

Save the date: A New Era for Blue Enlightenment 12-14 de julio de 2017

[21-22 Septiembre - Expodrónica \(Zaragoza, Spain\)](#)

[Porto Innovation Week Water \(EIP Water Conference + Mayors Water Conference\)](#) 26  
-29 de septiembre de 2017

[European Cyber Security Challenge 2017](#) 30 de octubre de 2017

Más eventos H2020 sector TIC y europeos en:

<https://ec.europa.eu/digital-single-market/en/newsroom-agenda/schedule/events/all>

<http://www.eshorizonte2020.es/actualidad/eventos>

Otros eventos tecnológicos orientados a emprendedores pueden ser encontrados en los Newsletter de Minerva

<https://www.programaminerva.es/newsletter/>

**Diagrama GANTT de convocatorias e infodays. Date de alta en [horizonte2020.aac@juntadeandalucia.es](mailto:horizonte2020.aac@juntadeandalucia.es)**

## 4. ICT Proposers' Day 2017

9-10 Noviembre en Budapest (Hungría)

Desde la Agencia Andaluza del Conocimiento coorganizamos este evento y acudiremos con una misión de entidades andaluzas.

Contacte con nosotros para más información: [tic.aac@juntadeandalucia.es](mailto:tic.aac@juntadeandalucia.es)

This networking event centres on European ICT Research and Innovation with a special focus on the Horizon 2020 Work Programme for 2018-20.

The event will focus on the Horizon 2020 Work Programme 2018-20 in the field of Information & Communication Technologies. It will offer an exceptional opportunity to build quality partnerships with academics, researchers, industrial stakeholders, SMEs and government actors from all over Europe.

Access your personal profile on "My event" to make the most of the ICT Proposers' Day 2017. Here you can add your ideas and upload presentations, prepare for networking and/or join various sessions.

The programme will include:

- Information sessions on how to prepare and submit a proposal;
- Information stands on the ICT-related topics of the Work Programme 2018-20 and the content of the calls for proposals;
- A European Commission information desk to supply information on the content and logistics of the event;
- Networking sessions where potential proposers present their project ideas, organised according to the Pillars and Topics of the Work Programme 2018-20;
- Booths, organised by village, which serve as meeting points for people interested in the same research topics;
- Ample space for informal networking and bilateral meetings between participants.
- Workshops and Face2Face Brokerage organised by Ideal-Ist.

**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

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## Research & Development Request

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# M-ERA.NET 2017 - A French technology center looking for partners to develop a smartphone-based spectrometer

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### Summary

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*A high-performance French technology center operates in the sector of laser solutions and optics. In response to the M-ERA.NET Transnational Call 2017, the technology center is looking for partners with expertise in spectroscopy, chemometrics, colorimetry and immunoassays. Partners sought are research institutions, industries, SMEs and large companies with expertise in such fields in order to develop applications around the ultra-compact spectrometer through a research cooperation agreement.*

**Reference** RDFR20170419001

**Profile link**

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### Network Contact

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**Contact Person**

Jaime Durán

**Phone Number**

+34 955 007497

**Email**

jaime.duran@juntadeandalucia.es

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

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### Partner Sought

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## Type and Role of Partner Sought

Type of partner sought :

The French technology center is looking for partners for a research cooperation agreement :

- Industry
- Research institutions, laboratories
- SMEs
- Large companies
- End-users

Role of partner sought :

- Partners sought with expertise in spectrometry, immunoassays, colorimetry.
- Partners sought with the capacity to participate, in a constructive way, to the development and application of the innovative spectrometer.
- End-users who are interested in such a device and can integrate the solution.

The objective for each partner is to participate in the development of applications around the prototype.

## Research & Development Request

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### **EUROSTARS2: Looking for partners for developing advanced metering infrastructure (AMI) total platform**

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#### **Summary**

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*A Korean SME specialized in developing the AMI(Advanced Metering Infrastructure) total solution is preparing a project proposal under the EUROSTARS2 programme. The R&D project is about further developing and designing of the AMI solution which is adaptable to local condition and could monitor the pricing information of the electricity in real-time. Company or institute with expertise and experience in developing electric energy system is welcomed to join for collaboration.*

**Reference** RDKR20170405001

**Profile link**

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#### **Network Contact**

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**Contact Person**

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**Email**

jaime.duran@juntadeandalucia.es

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

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#### **Partner Sought**

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**Type and Role of Partner Sought**

- Type of partner sought: Companies, public institutes
- Specific area of activity of the partner: Electric energy system operators, electricity suppliers(Distribution part)



- Task to be performed: technical cooperation with adaptation to specific needs

## Research & Development Request

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### Urgent H2020 EE06 : French SME looks for energy suppliers or distribution system operators(DSO)

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#### Summary

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*A French SME, specialized in behavior change solutions, is looking for energy suppliers or distribution system operators, to present a H2020 project, aiming at developing an efficient consumers' coaching service for energy savings. The French SME will coordinate the consortium.*

**Reference** RDFR20170502001

**Profile link**

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---

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

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#### Partner Sought

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**Type and Role of Partner Sought**

Type of partners: Energy suppliers or distribution system operators

Role of partners: their role will be to test a new global green service, providing a differential positioning and a strong competitive advantage, on a reduce number of customers (1.000 – 2.000). This includes to:

# Partnering Opportunity

- Collaborate with the project team to define the coaching service packaging
- Select among its customers 1.000 to 2.000 households corresponding to a defined energy segment
- Recruit and manage a team of 2 to 3 phoning operators, funded by the project, that will deploy the phone coaching; training, regular supervision and quality check will be ensured by E3D-Environnement.
- Communicate the initial and final consumption of these clients to the project teams for impact analysis

## Research & Development Request

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### **H2020: Research partners sought for the project ENTRUST, a new generation network security system.**

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#### **Summary**

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*A Turkish company in ICT sector located in Istanbul, is working on data processing, data security with various vertical applications. Acronymed as "Entrust" under the program call Addressing Advanced Cyber Security Threats and Threat Actors - DS-07-2017, the project is about targeting the issue of "Digital security in the presence of evolved threats, encrypted traffic, and possible insider attacks". The company is looking for partners under research cooperation.*

**Reference** RDTR20170407001

**Profile link**

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

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#### **Partner Sought**

---

**Type and Role of Partner Sought**

Type of Partner;

- A Vendor that have security products like firewall, intrusion detection system, intrusion

prevention system or log analysis (security information and event management) SIEM system. The developments that are planned to take place within the research part of the project will eventually need to be implemented at a lower level programming language such as C or Python, where a vendor expertise and assistance with usecases will also be needed.

Role of Partner;

The developments that are planned to take place within the research part of the project will eventually need to be implemented at a lower level programming language such as C or Python, where a vendor expertise and assistance with usecases will also be needed.

## Research & Development Request

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### **Eureka: seeking heavy duty truck and passenger vehicle manufacturers for a project on maintenance of automotive powertrain**

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#### **Summary**

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*Based in Istanbul / Turkey, Turkish company defines itself as the partner and specialized in data processing, data security with various vertical applications. Acronymed "PRE-EMPT" under Celtic Plus call, the project is about targeting the issue of "Preventive Maintenance in Automotive Powertrain". The company is looking for project partners under research cooperation agreement. They seek vehicle manufacturers to apply the developed mathematical models and optimise the data set.*

**Reference** RDTR20170327001

**Profile link**

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---

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

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#### **Partner Sought**

---

## Type and Role of Partner Sought

Type of Partner;

- EU heavy-duty truck manufacturer.
- EU passenger car manufacturer.

Role of Partner;

- To complement data set, improve analysis and models, and increase overall impact.
- Company specialising on CAN-BUS (Controller Area Network - Bus) data capture.
- University or research institute with specialisation in optimisation in automotive applications.



## Research & Development Request

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### German research institute seeks industrial partners working on redox-flow battery to join its H2020 proposal

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#### Summary

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*A German research institute is looking for industrial partners to take part in their consortium for a H2020 proposal through a research cooperation agreement in a project that aims at developing a redox-flow battery that can be regenerated (recharged) by a low temperature (<100°C) heat source. The sought partners should be companies working in the field of redox-flow batteries, ceramics, liquid-liquid exchange, membrane chemical processes and/or related fields.*

**Reference** RDDE20170411001

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

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#### Partner Sought

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**Type and Role of Partner Sought**

The research institute is looking for industrial partners with different profiles for a research cooperation agreement.

- Profile 1: SME/ Industry partner with an expertise in advanced/functional/technical ceramics to develop an ion-conducting diaphragm made of ceramics.
- Profile 2: SME/ Industry with expertise in redox-flow batteries to design and scale-up the electrochemical cell.
- Profile 3: SME/ Industry with expertise in engineering of solutions, databases of thermodynamic and electrochemical Properties to design the working fluids for the electrochemical cell, to optimize the solutions for distillation and to supervise the safety/ regulation issues.
- Profile 4: SME/ Industry with expertise in liquid- liquid extraction/ solvent extraction to develop a small mixer- settler to be associated to the prototype.

## Research & Development Request

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### **Eurostars2: Partners for a collaborative research project on human mood recognition system**

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#### **Summary**

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*A Korean SME specialized in software development is looking for partners to run the Eurostars2 project. The project is developing a human mood recognition system. It can make more reliable data and develop efficient marketing strategies. The SME is seeking universities/companies to cooperate in their research, working in psychology, artificial intelligence (AI), and big data analytics.*

**Reference** RDKR20170228007

**Profile link**

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---

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

---

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#### **Partner Sought**

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**Type and Role of Partner Sought**

Type of partner sought  
-SME and University

Specific area of activity of partner

-Psychology, emotion analysis

Tasks to be performed by the partner sought

- demographic data analysis
- facial expression and facial movement analysis
- provide accurate indicators for recognizing emotion

## Research & Development Request

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### H2020- EE-15-2017: looking for industry association involved in the energy efficiency loop

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#### Summary

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*A Spanish research organization is preparing a new proposal H2020-EE-15 related with energy efficiency. The objective of the project is to study the behaviour of the different profiles involved in the energy efficiency decisions in order to provide tailored advice for gathering energy efficiency investments. A industry association with great number of associated involved into the energy efficiency loop is sought to act as nexus with possible users of the solution.*

**Reference** RDES20170403001

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---

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

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#### Partner Sought

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**Type and Role of Partner Sought**

The coordinator is seeking an industry/service/consumer association interested in the energy efficiency loop with capacity to involve companies for testing and disseminating the results of the project.

## Research & Development Request

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### **Eurostars2: Partners for technical cooperation on developing a portable EV charger**

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#### **Summary**

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*A Korean SME, specialized in smart meters, smart grid devices, and solutions is applying for the Eurostars2 project. The SME is developing a portable EV charger that a consumer can charge their vehicle anywhere and the billing system is established and is looking for partners to work on monitoring and managing energy and assistance in developing Electric Vehicle portable cable technology.*

**Reference** RDKR20170228001

**Profile link**

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

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#### **Partner Sought**

---

**Type and Role of Partner Sought**

Type of partner sought

-SME, Administration, and Larger company

Specific area of activity of partner

- connected standby power(ESS) at home
- EV charger and smart metering(V2G)
- remote power transfer and wireless power charging
- next generation metering infra adaption

Tasks to be performed by the partner sought

- energy monitoring and managing technology
- developing EV portable cable technology  
(meter+communication module+billing system)
- marketing and sales in EU



## Research & Development Request

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### **A Hungarian authority invites a coordinator and partners to join a project entitled “Spreading the use of innovative financing schemes in Central and Eastern Europe to finance energy efficiency” under the call H2020 EE23 – 2017 Innovative financing schemes**

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#### **Summary**

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*A Hungarian authority mandated to finance energy efficiency investments looks for a coordinator and participants with previous experience on the topic from Spain, Germany and Italy to join project under the call H2020 EE23 – 2017- “Innovative financing schemes”. The aim of the project is the replication of European practices on professional risk assessment of Energy Service Company [ESCO] & Energy Performance Certificate [EPC] projects based on technical and financial due diligence.*

**Reference** RDHU20170403001

**Profile link**

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**Open for EOI :**    **No**

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## Partner Sought

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### Type and Role of Partner Sought

Institutions with the following expertise are looked for:

- methodologies for evaluating and mitigating technical and financial risks related to ESCO and EPC projects;
- methodologies for evaluating lifecycle costs of ESCO and EPC projects;
- methods for evaluating risks and returns of energy efficiency in different business models related to investments;
- methodologies for aggregating and sythematizing relevant tools for training and teaching purposes;
- expertise on developing a web-based database, and interactive toolkit capable of drafting indicative offers based upon the data by the ESCO project host;
- expertise on training concepts and tools related to the subject;
- expertise on capacity development on the European market for ESCO/EPC projects.

The participation of entities experienced in H2020 projects on similar topics (such as CrowdFundRES, guarantEE, EnPC-INTRANS, CITYnvest) is very much appreciated.

## Technology Offer

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### **Non-intrusive integrated system to detect epilepsy seizures at night-time.**

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#### **Summary**

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*A Spanish technology-based SME, expert in electronic devices and software development, has developed a non-intrusive integrated system to monitor epilepsy patients at night-time that alerts caregivers when a seizure is detected and generates useful information for improving medical treatments. The company looks for technical cooperation agreements with hospitals, clinics, nursing homes, etc. where patients suffering epileptic seizures are being treated, in order to test and validate the system.*

**Reference** TOES20170411002

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

---

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#### **Partner Sought**

---

**Type and Role of Partner Sought**

- Type of partner sought:

Public hospitals, private hospitals, medical centres, medical clinics, nursing homes, etc.

- Specific area of activity of the partner:  
Epilepsy care and treatment.

- Task to be performed:  
Technical cooperation for the validation of the device by testing it with patients.

## Technology Offer

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### **Characterization of chocolate ingredients and tempering control to avoid product defects : cooperation sought with chocolate industry**

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#### **Summary**

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*A french SME offers services and development in testing and manufacturing for agro industry. Chocolate industry has to perform acceptance control of raw materials in order to avoid food alteration and to check fat quality and lot homogeneity. The company proposes a set of high resolution scanning probe microscopies and scanning thermal analysis for the characterization of cocoa butter during multiple thermal cycles. The company is looking for technical partnerships with agrofood industry.*

**Reference** TOFR20170216001

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---

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

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#### **Partner Sought**

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## Type and Role of Partner Sought

Type of partner sought : Agrofood industry : chocolate manufacturers

Role of Partner sought : The French company is looking for technical cooperation with industries willing to improve the chocolate manufacturing process.

The technical cooperation can ultimately lead to technology transfer with integration of the devices in the manufacturing lines.

## Technology Offer

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### **A Korean company wishes to find a reliable partner that is interested in introducing intelligent CCTV to the European security market**

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#### **Summary**

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*A Korean SME active in smart hardware field of video conferencing and telemedicine offers intelligent imaging technology and high-resolution image application solutions that transmit onsite image data for specialized areas such as surgical training or interventions in emergency situations. Application areas are parking management, fire department, healthcare and education. The company is proposing cooperation under commercial agreement with technical assistance, and services agreement*

**Reference** TOKR20170208002

**Profile link**

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

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#### **Partner Sought**

---

## Type and Role of Partner Sought

- Type of partner sought: Company
- Specific area of activity of the partner: a company with proper manpower and infrastructure for installing intelligent CCTV at universities, hospitals and local governmental departments
- Task to be performed: operating sales, installation and after-sales service in local market with commercial agreement. use the technology under the service agreement



## Technology Offer

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**A Korean company offers compact, lightweight, and high energy density hydrogen generators and fuel cell systems for UAV (Unmanned Aerial Vehicle), drone, robot etc**

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### Summary

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*A Korean company specialized in manufacturing hydrogen generators and PEM (Proton Exchange Membrane) fuel cell systems has developed compact and lightweight products ranging from 200W to 1KW for UVA, drone etc. The company has tested the performance of the fuel cell and hydrogen generator using a UAV and succeeded in making it fly for a long time. The company hopes to find a partner for commercial, license, manufacturing, research cooperation or technical cooperation agreement.*

**Reference** TOKR20170403001

**Profile link**

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

---

### Partner Sought

---

## Type and Role of Partner Sought

- Type of partner sought: company, research institute, university.
- Specific area of activity of the partner: UAV(or drone) manufacturer, Any partners who need fuel cell systems or hydrogen generators.
- Task to be performed: Application of fuel cell or hydrogen generator on UAV, drone and robot, research & development, technical improvement or manufacturing of fuel cell and hydrogen generator

## Technology Offer

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# Measuring instrument for the determination of the effects of cavitation

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## Summary

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*A German research institute developed a method for the determination of the effects of cavitation. Ultrasonic cleaning devices are increasingly used in the most varied tasks in the industrial and service sector, but yet there is no generally accepted method or standard which allows a quantitative description of the cleaning effect. The offered technology offers a possible solution here. The research Institute is looking for licensees.*

**Reference**                   TODE20170406004

**Profile link**

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**Open for EOI :**    **Yes**

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## Partner Sought

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### Type and Role of Partner Sought

Type of Partner sought: industry

- Specific area of activity of the Partner: Manufactureres or service companies who offer products or services in the area of ultrasonic cleaning

## Technology Offer

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### New method to measure the strength of cavitation

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#### Summary

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*A German research institute developed a new method to measure the efficiency and cleaning effect of ultrasonic baths. Despite the broad application of ultrasonic cleaners for manifold tasks, there are up to know no generally accepted methods that allow a quantitative assessment of the cavitation process. The new cavity thickness meter enables a significantly improved determination of the cleaning effect and the efficiency of ultrasonic baths. The research Institute is looking for licensees.*

**Reference**                   TODE20170406003

**Profile link**

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---

**Open for EOI :**   **Yes**

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---

#### Partner Sought

---

**Type and Role of Partner Sought**

- Type of Partner sought: industry
- Specific area of activity of the Partner: Manufactureres or service companies who offer products in the area of ultrasonic cleaning, sonochemical processes, cell occlusions or the production of emulsions

## Technology Offer

### Quality assurance of therapeutic ultrasound devices

#### Summary

*A German research institute has developed a traceable, spatial calibration technology which helps to determine calibration of therapeutic ultrasound devices factors more easily. The research institute is looking for licensees amongst manufacturers of medical devices and providers of maintenance.*

Reference                   TODE20170406002

Profile link

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**Open for EOI :**    **Yes**

#### Partner Sought

##### Type and Role of Partner Sought

Type of partner sought: industry

- Specific area of activity of the partner: suppliers of medical equipment and its maintenance
- Task to be performed by the partner sought: use the offered product as licensee.

## Technology Offer

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### Lab on a chip: new piezoelectric actuators-based microvalve

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#### Summary

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*A Spanish technology centre has developed a microvalve matrix operated with external piezoelectric actuators. The device allows handling fluids with a minimal dead volume. The microvalve has a configurable network structure with a very compact and scalable design. It can be applied in fluid control, cell culture, bioreactors/micro-reactors, drug delivery, etc. A patent is applied and the centre would like to license this technology to a partner working in the biotechnology sector.*

**Reference** TOES20170418001

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

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#### Partner Sought

---

**Type and Role of Partner Sought**

- Type of partner sought:  
Medium or big companies.

# Partnering Opportunity

- Specific area of activity of the partner:  
Biotechnology or biomedical engineering company.
- Task to be performed:  
Integrate the microvalve in its own products or include it in its portfolio. The company should also acquire the technical knowledge required to sell or to use this technology.

## Technology Offer

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# Fast and cost-effective computational chemistry methodology to find novel hits against Alzheimer and cancer.

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## Summary

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*A Spanish research group is offering a brand-new solution in the field of drug design and discovery related to Alzheimer and cancer. Thanks to an innovative chemo-informatics methodology based on molecular topology and original software, it can boost the entire process of "hit and lead" compounds identification. The research group, who has a wide international experience, is looking for companies and research centers interested in using this software via service agreement.*

Reference TOES20170502001

Profile link

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Open for EOI : **Yes**

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## Partner Sought

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## Type and Role of Partner Sought

The research group is looking for companies and research centers interested in developing new innovative anti-Alzheimer and/ or anti-cancer agents via computer aided drug design.

Type of partner sought: Pharmaceutical companies, Biotech based companies, Research centers specialized in developing new Alzheimer and/or cancer therapies. ICT companies specialized in computer aided drug design

Specific area of activity of the partner: Pharmaceutical, Biotech, Health, Chemical synthesis, e-Health and ICT-Health.

Task to be performed: Hiring the consultancy services for developing their own molecular compounds and new therapies using MT methodology of this research group.

## Technology Offer

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### UK-based SME looking for licensees for its novel electrical safety technology

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#### Summary

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*A UK-based SME has developed a sensor system that detects voltage changes across a vehicle and alarms when a dangerous voltage is detected. This system alerts workers operating in the vicinity of power lines to the otherwise invisible risk if their vehicle or equipment connected to the sensor, touches the power lines. The SME is offering this technology to partners from academia and industry for further development and commercialisation under a license agreement.*

**Reference**                   TOUK20170331001

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**Open for EOI :**   **Yes**

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#### Partner Sought

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**Type and Role of Partner Sought**

The UK-based SME is looking for partners in industry and academia working in sensor and safety compliance sectors to licence the potential difference sensing technology to. The partner will gain access to the technology for further development and commercialisation, with the UK

possibly SME assisting if desirable and beneficial to both parties. The SME will look for royalty payments as part of the license agreement.

## Technology Offer

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### Telecare and fall detection system on a smart watch for the elderly

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#### Summary

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*A Slovenian research institute is offering licencing of software for telecare and fall detection applications on the elderly care and wellbeing market. The software is running on a smart watch, which is adapted for the elderly who are still active, however occasionally they need some support from a caretaker. The institute is looking for companies that develop wellbeing devices. Companies with special focus on elderly applications and services are of special interest.*

**Reference** TOSI20170425001

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

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#### Partner Sought

---

**Type and Role of Partner Sought**

The research institute is looking for a partner who is interested in obtaining a licence for software for telecare and fall detection. The partner should be able to cover and organize all commercialization activities (marketing and sales, distribution, support, collaboration with third

party caregiving institutions).

In particular following partners from wellness and elderly care sectors can be involved in a licencing agreement:

- companies which develop and produce wearable wireless wellbeing devices with special focus on elderly applications;
- companies which offer solutions for elderly care institutions, nursing homes, residential care institutions and adult day service centres.

## Technology Offer

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# Innovative man-made fibre development from lab to pilot scale

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## Summary

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*A German university offers processes for corporate research in the field of innovative man-made fibres. They cover the whole process chain from polymers to prototypes or products from lab to pilot scale. Outstanding is the pilot high temperature bicomponent spin line which also allows spinning of bicomponent fibres from high temperature polymers. Partners are sought from industry and university for commercial agreement with technical assistance, technical and research co-operation agreements.*

**Reference**                   TODE20170316001

**Profile link**

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**Open for EOI :**   **Yes**

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## Partner Sought

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### Type and Role of Partner Sought

Industry (contract research) and research consortia from industry and research institutes (contribution to national and European research projects)

# Partnering Opportunity

Area of activity of partner: Textile producer, Textile mechanical engineer, composite producer, smart industry, additive producer

Tasks to be performed: contract research along the whole man-made fibre process chain, fibre up scaling into industrial scale

The institute is able and experienced to become a coordinator of EU projects. The institute is open for agreements related to commercial agreements with technical assistance, research cooperation and technical cooperation agreements.

## Technology Offer

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### **A Turkish SME is looking for partners to license its novelty system generating electrical energy from sea waves.**

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#### **Summary**

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*A Turkish SME located in Izmir is specialized in renewable energy systems. It started as a research based organization investigating how energy sources like wind, sun or tidal waves may be adopted to convert the potential into useful forms of electrical energy. Later the idea focused on sea waves and after years of research a prototype of a novelty system that convert the potential and kinetic energy of sea waves into electricity is developed. Device Manufacturers are sought for licensing.*

**Reference**                   TOTR20170420001

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**Open for EOI :**   **Yes**

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#### **Partner Sought**

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## Type and Role of Partner Sought

Type of partner: Manufacturers of devices generating electricity from sea waves.

Role of Partner: Ideal partner is expected to license the patented technology and adopt it to a scale-up to reach the industrial prototype. Finally it is expected that the technical solution is turned into a serial production.

## Technology Offer

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### **A UK based start-up seeks partners to run pilots of scalable, low cost technology of a high throughput microfluidic liquid-particle processing for bioproduction dewatering and environmental sample preparation**

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#### **Summary**

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*A UK based start-up is providing liquid-particle processing technology which can be used in a range of different applications from downstream processing of bioreactor content such as algae dewatering, through environmental sample preparation and testing, portable water treatment, and ballast water filtration and drinking water monitoring. The start-up seeks for partnerships under the research cooperation agreement or the technical cooperation agreement to set up pilots of their technology.*

**Reference**                    TOUK20170316002

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**Open for EOI :**    **Yes**

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#### **Partner Sought**

---

## Type and Role of Partner Sought

They look for partners with whom to set up pilots of their technology. Any partner type is welcome: industry, academy, research organization or business.

Specifically, they hope to find partners which would be dealing with batches of more than 400 litres of liquid containing particles (microorganisms, cells, silt, etc) ranging from 4 to 500 microns, which need to be separated from each other. Both liquid, as well as particles are collected therefore it does not matter which of two is the partner's end product. The potential partner would engage in collaboration under the research cooperation agreement or the technical cooperation agreement.

## Technology Offer

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### **Wearable, low-cost device for examination of visual evoked potentials (VEPs) offered for licensing agreement**

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#### **Summary**

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*A Czech university has developed and patented low-cost 4-channel wearable device for examination of visual evoked potentials (VEPs). Therefore, with such device, now it is possible to carry out VEP diagnostics where needed including at home. The university is looking for an industrial partner, interested in acquiring licence for production of the device.*

**Reference** TOCZ20170327002

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

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#### **Partner Sought**

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**Type and Role of Partner Sought**

University is looking for an industrial partner interested in acquiring a licence through licensing agreement. Partner sought is expected to manufacture this device and bring it to the market.

## Technology Offer

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### **German university specialized in maritime engineering in the largest wave flume of the world is looking for cooperative research and development agreements**

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#### **Summary**

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*A German institute with vast know-how in coastal and maritime engineering has one of the largest laboratory facilities worldwide, the large wave flume. The computer-controlled, hydraulically driven wave maker allows the accurate simulation of natural waves, storm surges, tsunamis and rogue waves under laboratory conditions. The institute is looking for partners from maritime industry interested in cooperative research and development agreements, in-house research and technical cooperation.*

**Reference**                      TODE20170412001

**Profile link**

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#### **Network Contact**

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**Contact Person**

Jaime Durán

**Phone Number**

+34 955 007497

**Email**

jaime.duran@juntadeandalucia.es

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**Open for EOI :**    **Yes**

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#### **Partner Sought**

---

## Type and Role of Partner Sought

- Type of partner sought: industrial partners for bilateral research and technical cooperation.
- Specific area of activity of the partner: maritime industry; coastal protection; offshore wind and wave energy.
- Possible tasks to be performed by the partner sought: (1) jointly develop and participate in research and development projects on coastal and maritime engineering or related topics; (2) assign in-house research at university laboratories related to the needs of the partner; (3) if requested by the potential partner other access to the know-how and the laboratories will be considered under a technical cooperation agreement

## Technology Offer

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### **An Italian company offers a licence agreement for services for concrete corrosion monitoring and cathodic protection of reinforced concrete structures**

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#### **Summary**

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*An Italian individual company offers a service for monitoring concrete corrosion linked to chloride and for restoring the structure. It can be used for buildings as well as any infrastructure made of concrete such as bridges, car parks, tunnels and foundations. The main advantage is the prolongation of the concrete life-cycle with a non destructive procedure. The company is looking for a licence agreement with companies offering monitoring and restoration services for concrete structures.*

**Reference** TOIT20170411001

**Profile link**

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

---

#### **Partner Sought**

---

## Type and Role of Partner Sought

The partners should be a company offering monitoring and restoration services of concrete infrastructure.

The partner should acquire the know-how of the company, learn the tools to be used. The company will help the partner to practice the startup phase of the service.



## Technology Offer

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### **Engineering partner for a technical cooperation on reducing the operational costs of liquid waste processing by replacing / supporting conventional atmospheric evaporators with membrane unit is sought**

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#### Summary

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*A Czech research institute has developed and tested solution for lowering operational costs of liquid waste processing line by replacing/supporting conventional atmospheric evaporators with membrane unit. The solution offered can be used for preparing clean water to be reused in the process and/or reducing waste waters volume. Solution is applicable both for radioactive and non-radioactive liquid waste. Technical cooperation agreement for a development of industry-scale solution is sought.*

**Reference** TOCZ20170407001

**Profile link**

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---

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

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#### Partner Sought

---

## Type and Role of Partner Sought

Type of partner sought: engineering company

- Company providing solutions for their clients or clients who have a specific requirement for the technology
- Company developing universal solution to be part of their standard portfolio

Specific area of activity of the partner:

- chemical industry
- nuclear industry
- electric power generation
- waste water treatment

Task to be performed by the partner sought: Technical cooperation agreement

The Czech research institute offers know-how for projecting this technology in an industrial scale and customized solutions for different types and compositions of water solution.

## Technology Offer

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### Partners sought for a sound absorbing material with nanofibrous resonant membrane

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#### Summary

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*A Czech university has developed a sound absorbing panel with nanofibrous membrane for applications in room acoustic, transportation and noise control. The sound absorbing material solves noise problem of wide frequency spectrum and is lighter and thinner than others. Scientists are looking for partners interested in further research and development based on a technical cooperation agreement and for companies interested in production under a license agreement.*

**Reference** TOCZ20170420001

**Profile link**

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---

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

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#### Partner Sought

---

**Type and Role of Partner Sought**

Type of partner sought:  
Industry and research organizations

Specific area of activity of the partner:

Industry focused on materials for noise control in transportation, room acoustic or noise dumping fields. Research organizations focused on material research and development in acoustic.

Task to be performed by the partner sought:

In the case of a Licensing agreement:

Acquiring a licence

In the case of a Technical cooperation agreement:

Joint further research and development and/or adaptation of the material offered

## Technology Offer

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### **Energy efficiency on-site: a new methodology for urban planning and realization of energy-efficient neighborhoods under the aspects of climate change mitigation and global sustainability**

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#### **Summary**

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*A group of German engineering companies specialized in geo-techniques and land use planning, developed a new tool for planning and realization of energy efficient neighborhoods. The methodology helps efficiently to optimize urban planning and redevelopment in the neighborhood by minimizing costs, risks and time for investments to mitigate climate change. Partners sought: Municipalities, housing associations, energy suppliers, architects/engineering offices for technical cooperation agreements.*

**Reference**                   TODE20170403002

**Profile link**

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---

**Open for EOI :**   **Yes**

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#### **Partner Sought**

---

## Type and Role of Partner Sought

Seeking partners from the following fields:

- municipalities
- housing associations
- municipal utilities
- energy suppliers
- citizen cooperatives
- architects and engineering offices

Role:

Above partners should deal with or have strong interest in sustainable urban redevelopment measures in their regions and neighborhood.

Partners are sought for technical cooperation agreements including strategic planning tasks, implementation and evaluation of the tool in other regions/neighborhoods.

Technical support and engineering service will be provided during all stages and processes.

## Technology Offer

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# Dye-sensitized solar cell available by textile weaving process

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## Summary

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*A Korean R&D institutes with expertise and experience in solar energy has developed dye-sensitized solar cell textile. It is a solar cell that is processed in a way of weaving and screen printing, based on dye-sensitized solar cell technology. The institute offers license agreement to companies or research institutes in the field of related industry.*

**Reference** TOKR20170228004

**Profile link**

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---

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

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## Partner Sought

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### Type and Role of Partner Sought

Type of partner sought

-SME, Research institution, and larger company

Specific area of activity of partner

-solar cell, distribution, other relevant areas

Tasks to be performed by the partner sought  
-License agreement for the technology



## Technology Offer

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# Innovative optical, fiber optical and optomechanical solutions for medical, process and environmental measurement devices

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## Summary

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*A Finnish company has developed their expertise and manufacturing capabilities of optics, fiber optics and optomechanics to design and manufacture optimal solutions for optics assemblies. The company is seeking partners for commercial agreements with technical assistance. Possible partners are the manufacturers of optical measurement devices for clinical chemistry, process industry and environmental measurements in Sweden, Norway, Denmark, Germany and the UK.*

Reference TOFI20170404001

Profile link

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---

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

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## Partner Sought

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## Type and Role of Partner Sought

The company is seeking partners for commercial cooperation agreement with technical assistance. Possible partners are using optomechanical assemblies, devices or components for process automation and instrumentation or optical fiber bundles, cables or other optical components for devices or analyzers. They can be manufacturers for process industry, clinical chemistry or energy & environment who are looking for a partner to develop and / or manufacture their optical solution.

## Technology Offer

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### **A UK company developing an innovative remote sub-skin imaging software is looking for medical research universities or hospitals to conduct clinical trials**

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#### **Summary**

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*The UK start-up has developed an innovative software to provide a dermatological imaging service. The software enables patients to take their own medical sub-skin images with their own mobile, tablet or laptop cameras. The company intends to offer Store-and-Forward remote sub-skin imaging service. The company is looking for a medical research university or research hospital to conduct clinical trials to validate its technology, under a technical cooperation, joint venture or service agreement.*

**Reference** TOUK20170324001

**Profile link**

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

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## Technology Offer

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### Partners sought to co-develop an e-medical / clinical molecular pathology diagnostic services platform

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#### Summary

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*A Greek/Cypriot SME consultant for R&D and ICT projects established in 2012 is specialized in cancer diagnosis & personalized medicine therapies. Together with universities, they are developing a platform to satisfy the supply & demand for routine & molecular pathology diagnostic services. The Consortium seeks R&D partners to: - further develop the platform through a technical cooperation agreement, - to develop a supply and demand algorithm through a research cooperation agreement.*

**Reference** TOGR20170321001

**Profile link**

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

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#### Partner Sought

---

**Type and Role of Partner Sought**

Research cooperation agreement:

The company is looking for companies or R&D institutions with experience in the development of market-maker algorithms that can determine the levels of supply and demand of a given

service, or that can conduct research into a proprietary algorithm for the benchmarking of diagnostic results according to best practices

Technical cooperation agreement:

Companies/institutions in the bio-medical field are also sought who are willing to pool resources in order to further develop the platform through a technical cooperation agreement.

## Technology Offer

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### **A Greek university robotics group offers rapid prototyping of robotic applications using Web and IoT (Internet of Things) approaches**

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#### **Summary**

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*A robotics research group heavily active in hardware, middleware & software robotics aspects, as well as in modern areas such as cloud robotics, IoT and robot-agnostic applications, offers expertise and solutions towards the “robotics for all” concept. Via the already developed robotic middleware stacks and peripheral tools, the group offers solutions for rapid robotic software development. The group is interested in establishing strategic partnerships and participating in EU research projects.*

**Reference** TOGR20170328002

**Profile link**

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

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#### **Partner Sought**

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## Type and Role of Partner Sought

The robotics group is interested in collaborating with SMEs, R&D institutes or universities, towards implementing research or industrial oriented robotics software. They are also interested in participating in H2020 projects as technical partners. Finally, the group is interested in strategic partnerships, in order to apply the offered technology in the consumer robotics domain through a services agreement or research/technical cooperation agreement or through subcontracting.

## Technology Offer

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### **Inventors of a technology that maximises energy generated by deep offshore wind turbines seek Financial Agreement to develop the technology**

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#### **Summary**

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*A Maltese mechanical engineer, designer of an interface that maximises the energy generated by deep sea offshore wind turbines thereby increasing generation efficiency and reducing loads on power stations particularly in areas with warm climatic conditions, seeks a financial agreement with investors and collaborators to construct full scale prototype and prepare for eventual commercialisation.*

Reference TOMT20170111001

Profile link

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**Open for EOI :**    **Yes**

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#### **Partner Sought**

---



## Type and Role of Partner Sought

The designer seeks a Financial Agreement with an investor to develop a full-scale prototype based on the technology for testing and eventual commercialisation.

## Technology Offer

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**An Israeli start-up developing a system for harvesting sunlight for interior lighting, utilizing an optimized static collector, delivering free, healthy, human centric lighting, with full visible spectrum and no UV, is looking for strategic partners**

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### Summary

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*An Israeli start-up company in the field of intelligent energy is developing an innovative solar lighting system, and is looking for partners in the lighting fields (such as distributors and providers of smart energy solutions, lightening designers etc), which are willing to integrate and incorporate the innovative system in their environment and work. Possible partnerships include a commercial agreement with technical assistance, technical cooperation agreement, or a manufacturing agreement.*

Reference TOIL20170506001

Profile link

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**Open for EOI : Yes**

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## Partner Sought

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### Type and Role of Partner Sought

The company is looking to establish a relationship with different European strategic partners, who are willing to participate in bringing into the European market this first, innovative, affordable and cost-effective solution for using healthy natural sunlight as widespread interior daytime lighting.

The company is considering various types of partnerships, mainly a commercial agreement with technical assistance, a technical cooperation agreement, or a manufacturing agreement.

The partners can come from the fields of: human centric lighting (HCL), energy efficiency - zero emission buildings, healthier living through lighting, innovative light design, and efficient assembly automation, for example:

1. HCL producers, researchers, designers and implementers, wishing to improve efficiency and performance by incorporating the company's solar lighting into the system, thus showing the advantages of HCL on the human physique.
2. Energy efficiency, zero emissions building, designers and implementers, wishing to test and field proof the company's technology for enhanced energy savings and an improved healthier environment.
3. Researchers in the fields of: circadian rhythms, attention disorders, boosting learning and concentration, child/adult obesity, patient recovery rates, elderly sleeping disorders, improving workforce efficiency and similar related light-affected fields.
4. Architects and lighting designers creating innovative, dynamically changing, and aesthetically pleasing lighting scenarios.
5. Partners which have the capability of creating/implementing streamlined and efficient production lines for the company's product.

## Technology Offer

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### An Estonian biomedical SME is offering a novel immunoprofiling platform

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#### Summary

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*An Estonian biomedical SME has developed a novel high-throughput immunoprofiling platform, Mimotope Variation Analysis (MVA), that can be used in drug development and biomarker identification. MVA is cost-effective and enables monitoring the patient's immune system in real time. The technology consists of a high-throughput peptide display analysis and of bioinformatic analysis. The company is looking to provide the MVA technology as a service, and to participate in joint research.*

**Reference** TOEE20170330001

**Profile link**

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jaime.duran@juntadeandalucia.es

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

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#### Partner Sought

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**Type and Role of Partner Sought**

The SME is looking for academic and industry partners working in drug development and biomarker discovery, to:

- 1) provide MVA as a service;
- 2) to develop and implement joint projects in drug and diagnostics development.

## Technology Offer

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# Innovative solid-state laser with a copolymer as active compound

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## Summary

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*A Spanish research group has developed a new organic solid-state laser where the active compound comprises a copolymer. The main advantages of this technology are photostability, miscibility, processability in thin layers and effective for laser generation at different wavelengths. It can be used in: spectroscopy, biosensors, chemical sensors and optical communications. The university is interested in licensing or technical cooperation agreements.*

**Reference** TOES20170323001

**Profile link**

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

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## Partner Sought

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### Type and Role of Partner Sought

- Type of partner sought: Companies
- Specific area of activity of the partner: spectroscopy, biosensors, chemical sensors, or optical communications.

# Partnering Opportunity

- Task to be performed: Commercial exploitation of the technology; Joint research and development project to further develop or adapt the laser to the company's needs.

## Technology Offer

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# Synthesis of natural hybrid nanopigments for multiple industrial applications

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## Summary

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*A Spanish research group has designed a new process to develop nanostructured hybrid nanopigments (from synthetic or natural dyes) which can confer improved optical, thermal, and mechanical properties when they are applied on composite materials. These new coloured nanomaterials are useful for many industrial sectors since they can be applied on different kinds of materials. Companies interested in license or technical cooperation agreements are sought.*

**Reference** TOES20170331001

**Profile link**

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

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## Partner Sought

---

**Type and Role of Partner Sought**

- Type of partner sought: Companies
- Specific area of activity of the partner: Materials science
- Task to be performed: Acquisition of this technology through license agreement. Technical



cooperation agreements through:

- Joint development of new applications,
- Adaptation to the company's needs,
- Technical reports and scientific assessment.
- Specific customized training
- Standardization services, calibration, national and/or international technical standard reports, etc.
- Staff exchange for specific periods of time (to learn specific techniques).
- Rent the internal equipment to clients that wish to continue their own tests.
- Technological support for those techniques that require highly skilled or sophisticated instruments, that are not available to the company.

## Technology Offer

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# Acid-base electrochemical flow battery for electric energy storage

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## Summary

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*A Spanish research group has developed a simple electric energy storage system employing low-cost and environmentally friendly reagents. Since the reactions are reversible the acidity and basicity of the starting solutions can be decreased (obtaining electric energy - discharge) or increased, providing electric energy (charge). This technology can be used for electric energy storage from renewable sources. Companies interested in licensing or technical cooperation agreements are sought.*

**Reference** TOES20170405001

**Profile link**

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

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## Partner Sought

---

**Type and Role of Partner Sought**

- Type of partner sought: Companies and/or research organizations
- Specific area of activity of the partner: Electric energy generation and/or storage

- Task to be performed: development of a commercial prototype via license agreement or technical cooperation agreement (research and development project).

## Technology Offer

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# Compact fibre optic module to compensate the dispersion occurring in the signal communication links

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## Summary

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Researchers from a Spanish public university have developed a fibre optic module to compensate the dispersion occurring in the signal communication links. The compensation module can be installed at the end of the line or at intermediate points. The device is able to compensate dispersion and slope of dispersion, in a very compact design. Researchers are seeking industrial partners in the communication or construction sectors to reach license agreements or technical cooperation agreements.

Reference TOES20170405002

Profile link

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**Open for EOI :**   **Yes**

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## Partner Sought

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### Type and Role of Partner Sought

- Type of partner sought: companies
- Specific area of activity of the partner: communication and construction sector

# Partnering Opportunity

- Task to be performed: establishing licensing agreement for usage and/or manufacturing of the patented device or reach technical cooperation agreements for joint further developments of the invention.

## Technology Offer

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### **Polish independent inventor offers concepts of two educational toys for toddlers and school-age children, improving their communication abilities and grasp of algebra, respectively**

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#### **Summary**

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*A Polish inventor of children's entertainment products is offering concepts of two new educational toys. The first one improves communication between babies/toddlers and their parents. The second one helps to teach school-age children basics in algebra, giving them a better understanding of equation-solving through fun and play. Cooperation in the form of commercial agreement with technical assistance or license agreement is offered to producers of toys and games.*

**Reference** TOPL20170328001

**Profile link**

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

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#### **Partner Sought**

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## Type and Role of Partner Sought

For both commercial agreement with technical assistance and license agreement

- Type of partner sought: manufacturers of children's entertainment products
- Role of partner sought: to purchase/license offered concepts of the toys, develop their final design and introduce the products in the market

## Technology Offer

---

# Vertical axis wind turbine for slow and changing wind speed

---

## Summary

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*A Hungarian SME has developed a small vertical axis wind turbine with booster and regulator system to balance out the energy production at changing wind speeds. The company is interested in licensing the patent and/or know-how.*

**Reference** TOHU20170404001

**Profile link**

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

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## Partner Sought

---

### Type and Role of Partner Sought

The company is looking for industrial partners ideally with strong marketing, logistics and design capabilities. Some wind generation experience is advantage.

The technology is offered for licensing for any country around the world. In the countries where the intellectual property (IP) protection is not perfect the only form of transfer is the one off IP sales. The default for selling is the IP sales for the global rights of manufacturing and trading.



## Technology Request

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### **[A partner for EUREKA Cluster urgently sought] Development of light integrated CPS (Cyber Physical Systems) for small and medium manufacturer**

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#### Summary

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*A Korean SME specialized in smart factory and Industrial IT would like to develop IIOT (the Industrial Internet of Things) for collecting data and integrated CPS combined with server. The company is looking for a partner with advanced technologies in deep learning, AI (Artificial Intelligence) and process control. The company hopes to apply for a EUREKA Cluster program called SMART due by 08, June, 2017. Possible partnership is research and/or commercial agreement with technical assistance.*

Reference TRKR20170407001

Profile link

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Open for EOI : **Yes**

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#### Partner Sought

---

## Type and Role of Partner Sought

- Type of partner sought: Types do not matter. Company, university or institute who would like to collaborate with this Korean company
- Specific area of activity of the partner: Industrial IT field or 4th industrial revolution relevant fields. Also partner specializing in AI or deep learning field is welcomed.
- Task to be performed: Hope to apply for an R&D project for EUREKA Cluster, Advanced Manufacturing call for projects[SMART]. Under R&D and commercial cooperation, the company would like to develop light integrated CPS including commercialization.

## Technology Request

---

# French company looking for microencapsulated organic phase change material

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### Summary

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*A French company specialises in the supply, manufacture and marketing of quality maintenance products, biological products and industrial paints for a large number of professionals such as industries, local authorities, breeders, oyster farmers, building sector. In order to innovate in their range, the SME is looking for phase change material (PCM) in powder form in microcapsules. A commercial agreement with technical assistance is sought with a partner specialised in microencapsulation.*

**Reference** TRFR20170316001

**Profile link**

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

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### Partner Sought

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## Type and Role of Partner Sought

The partner must be a specialist in microencapsulation and should be able to supply the French company with organic microPCM in powder form. The French company is looking for technical support to formulate and add the microPCMs into their finished products.

## Technology Request

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### Seeking miniaturised rechargeable battery technology for earphones

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#### Summary

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*A Singapore enterprise in the consumer electronics industry seeks a technology provider with a rechargeable miniaturised battery for integration into earphones. The rechargeable battery should have a higher energy density than existing battery technology, with a desired technology readiness of at least at TRL7. The Singapore enterprise is keen to partner MNEs or SMEs of any sizes to explore a license, manufacturing or technical cooperation agreement.*

**Reference** TRSG20170330001

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

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#### Partner Sought

---

**Type and Role of Partner Sought**

The type and size of partner sought includes:

- MNEs
- SME of any sizes

The type of partnership considered include:

- License agreement
- Manufacturing agreement
- Technical Cooperation agreement

The role of the partner would be to provide the technology, industrial expertise and know-how to manufacture the battery.

## Technology Request

---

# Speech recognition technology for an innovative platform

---

### Summary

---

*French company active in the digital industry provides a platform for virtual reality business meetings. The company wants to add new features in the platform and seeks technological partners to build a speech transcription feature. Services and licenses agreements are targeted.*

**Reference** TRFR20170404001

**Profile link**

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**Open for EOI :**    **Yes**

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### Partner Sought

---

**Type and Role of Partner Sought**

The SME is looking for a speech recognition technology in order to provide meeting transcription as a feature of the collaborative VR platform.  
The technology developed by the partner should be ready for integration in the platform.  
The SME is interested in license agreement and services agreements.

## Technology Request

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### A Turkish technology company expert on smart and secure cities seeks specific drone technology

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#### Summary

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*A Turkish ICT company well versed and deeply experienced in smart security surveillance, seeks a specific fully automated and robust drone technology that is needed for maintaining enhanced security at vulnerable areas. The company is open to signing, licence agreement, commercial agreement with technical assistance and / or technical cooperation agreement.*

**Reference** TRTR20170405001

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---

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

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#### Partner Sought

---

**Type and Role of Partner Sought**

- Type of partner sought:  
Industry, R&D Institute, SME, University
- Specific area of activity of the partner:  
Fully or semi-autonomous drone and its technology provider (mainly hardware)



# Partnering Opportunity

- Task to be performed by the partner sought:  
Propose novel drone technologies to be employed in perimeter security applications  
The partner is sought for cooperation in co-development of the drone technology applications (software Turkish company, hardware partner company) through a commercial agreement with technical assistance, license agreement or technical cooperation agreement.

## Technology Request

---

# Manufacturers sought for production of robots dedicated to individuals

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## Summary

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*A French start-up has developed a socialization robotic unit for individuals. The company has built a first prototype. It is looking for an industrial partner expert in the fields of electronics and mechanics for technical cooperation and manufacturing agreements, in order to realize a first pre-serie and then the industrial manufacture of this robot.*

**Reference** TRFR20170502001

**Profile link**

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

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## Partner Sought

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### Type and Role of Partner Sought

The company is looking for an industrial partner working in the field of Electronics Manufacturing Services (EMS).

The partner sought must be able to perform the following tasks:

# Partnering Opportunity

- To carry out technical studies on various aspects related to the project (plastics, electronics, mechanics, etc ...)
- To perform a pre-serie of 20 robotized units based on the prototype developed by the french firm (third quarter of 2017)
- To start industrial production of these units for the (last quarter of 2017).

This partnership will take the form of a manufacturing agreement with technical cooperation.