



Bollettino tecnologico 17/06/2013

## fferte e Richieste Tecnologiche

Segue la lista delle Offerte e Richieste Tecnologiche (OT) pubblicate attraverso il **BBS** – (*Business Bulletin System*), la banca dati della rete *Enterprise Europe Network*.

Troverà l'approfondimento delle seguenti OT nella cartella zippata in allegato alla mail.

**IMPORTANTE!!** Vi ricordiamo che è possibile fare una ricerca ad hoc di tecnologie sul BBS sulla base di vostre specifiche richieste. Per maggiori info contattare Elena Giglio ([giglio@apre.it](mailto:giglio@apre.it))



## OFFERTE TECNOLOGICHE

**ESA: Beam-forming network for an array antenna and array antenna comprising the same (Ref: 13 NL 1D1D 3RR4 )**

An international organisation based in Netherlands is interested in licensing a Beam-Forming Network (BFN) for an array antenna, and to an array antenna comprising such a beam-forming network. The novelty of this network lies on the capability to outperform state-of-the-art architectures in terms of the number of High Power Amplifiers (HPAs), and in terms of scan loss performances within field of view.

### **Fast integrated Photomultiplier tube (PMT) & Silicon Photomultiplier (SiPM) readout electronics with high dynamic range (Ref: 13 ES 252K 3SQT )**

A current mode circuit for sensor readout, in particular for fast photosensors, has been developed at a Spanish University. The developed electronics, displaying high dynamic range and minimal time resolution, have applications both for high performance medical imaging (TOF-PET: Time-of-Flight-Positron Emission Tomography, Gammagraphy etc) and also for high energy physics and astrophysics experiments. Industrial partners sought for license and/or commercial agreement and/or technical cooperation

### **Innovative collaborative technology for advanced GPS navigation and routing (Ref: 13 GR 49R2 3SQJ )**

A Greek company has developed collaborative technology for the collection, processing and distribution of traffic data to provide improved routing capabilities for GPS navigation. Users upload recorded routes and other traffic data and exchange them with updated maps and other traffic information. Thus more accurate routing and faster map updates emerge. The company is seeking for partners interested in technical cooperation (joint further development), joint venture or capital investment.

### **Advanced Truck Trailer Protection System (Ref: 13 DE 1699 3SLL )**

A German company has developed a marketable truck trailer protection system that decreases the amount of cargo theft caused by the slitting of truck canvases. The system is capable of recognizing the attempt of cargo theft at an early stage and consequently helps to prevent such incidents.

Cooperation is sought in a commercial cooperation scheme with technical assistance.

### **Information system for digital port management (Ref: 13 DE 0855 3SIY )**

A German SME active in the area of aerial imagery and smart geographic information systems (GIS) has developed a system for digital port management. It can be used to optimize the planning and daily operational processes of industrial ports. Advantages include the system's easy-to-use modular design and its time- and cost-efficiency. Partners looked for are port authorities and engineering companies for commercial agreements with technical assistance.

### **Cloud platform to geo-locate businesses and job vacancies (ref.:13 ES 28G3 3RN1)**

A Spanish entrepreneur working on ICT has developed a new online platform that can synchronously geolocate the user and the businesses that are close to the location. This solution has been developed by

combining existing technologies and it is being tested to provide employment information and synergies in a particular geographic area. The developer is looking for ICT companies for commercial agreements with technical assistance and testing of new applications.

### **An Optical sensor for measuring the state of the road (ref.:13 ES 28F8 3SDB)**

A Spanish University from Madrid has developed an optical laser sensor which can remotely detect the presence of ice, water, snow and other substances on the surface of the road.

Its working is not affected by maintenance works on the road and it can optionally be loaded on a vehicle. The collected information is essential to establish the treatment needs of the road and to detect risks (i.e. black ice). It seeks companies interested in developing and licensing this technology.

### **Development of advanced geostatistical tools for analyzing and processing geographical information (ref.:13 FR 38m5 3SMR)**

A French SME, provides probabilistic models to analyse and Process spatially distributed data in various domains: upstream petroleum, mining, climatology, soil science, hydrogeology. The company is looking for partners interested in integrating their solutions in their work environment and co- development. Their technology enables the generation of a set of optimized parameters that are directly usable in interpolation processes and spatial simulations in mono or multi-variable contexts.



## **RICHIESTE TECNOLOGICHE**

### **Request for advanced skills in manufacturing aeronautical device or wing turbine products in composite ( TR ref.:13 FR 38m5 3SLV)**

A French company invented worldwide patented devices aiming at reducing induced drag and vortex on wing tips. The company is looking for a specialist in composite ? Manufacturer of molds pieces in composite having specific knowledge in products for the aeronautic and wind turbines. They are looking for licensing agreement, manufacturing agreement and/or Commercial Agreement with Technical Assistance.