
Research & Development Request

PS: H2020 LCE 2 – 2014-Development and optimization of multiple-unit floating offshore platform using bionic approach.

Summary

A research center based in North Germany is preparing a proposal for the Horizon 2020 LCE 2 – 2014 call. The main aim of the project is to develop a stable multiple turbine floating offshore structure which can be installed in deep sea water. Partner sought are offshore floating turbine manufacturer and wind energy research center.

Reference RDDE20140312001

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Partner Sought

Type and Size of Partner Sought

>500

Type of Partnership Considered

Research cooperation agreement

Research & Development Request

Clean Sky II - Core Partner Search

Summary

A German SME active in engineering services for aviation and aeronautics is looking for partners to prepare a Core Partner cluster in the Joint Undertaking Clean Sky II. Besides the engineering company, the cluster already involves an academic partner. Partners should be manufacturers specialised in composite aircraft components. The cluster will apply to Clean Sky II Innovative Aircraft Demonstrator Platform (IADP) "Regional Aircraft" led by Alenia Aermacchi from Italy.

Reference RDDE20140331001

Details

Technical Specification or Expertise Sought

The IADP Regional Aircraft is subdivided into several work packages dealing with different areas and key technologies. The proposed IADP demonstration programmes are: • 2 Flying Test-beds using modified existing regional turbo-prop aircraft with under-wing mounted engines for demonstration campaigns; • 5 large integrated Ground Demonstrators: - Innovative Wing and Flight Controls: integration and flight testing of technologies for a new generation wing and advanced flight control systems; - Flight Demonstration of a highly efficient and low noise wing including structural aspects; - Full scale innovative fuselage and passenger cabin for increased passenger comfort and safety; - Flight Simulator demonstrating new cockpit interaction concepts as well as advanced avionics; - Virtual and Physical "Iron Birds" as part of the Regional Aircraft Ground Demonstration Programme. For each of these demonstrator programmes a number of key technologies are being defined which shall be demonstrated and tested in a near-operational environment. For more information on the overall structure of IADP Regional Aircraft see picture attached. In order to be able to contributing significantly to these demonstration activities, the proposed cluster is looking for one or more manufacturers of composite materials for the aviation industry. Concrete details concerning specific demonstration activities and task allocation will be discussed with the IADP leader in due course and within the cluster once it is finally composed.

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Partner Sought

Type and Size of Partner Sought

>500

Type of Partnership Considered

Research cooperation agreement

Research & Development Request

Partners search for Raw Material Commitments RMCs within The Strategic Implementation Plan (SIP) of the EIP on Raw Materials.

Summary

Polish R&D organization involved in interdepartmental activities related to rock mining, activities ranging from testing of raw materials, through technology and machinery, processing, development of technologies for construction materials based on primary and secondary raw material is looking for partners for Raw Material Commitments (RMCs) within The Strategic Implementation Plan (SIP) of the European Innovation Partnership on Raw Materials

Reference RDPL20131231001

Details

Technical Specification or Expertise Sought

Polish organization is looking for partners to co-operate and take actions in the following action areas of the Strategic Implementation Plan (SIP). I. Technology Pillar Action area n° I.1: Improving R&D&I coordination in the EU; as described above. Action area: n° I.2: Exploration: Dissemination of mathematical model to determine the effect of extraction related pollution on commercial coal production costs. Action area: n° I.3: Innovative extraction of raw materials: Experience in the design and implementation of technologies for usage of rock material associated with all mineral extraction activities as potential construction products being an essential element in the planning phase extraction. Action area: n° I.4: Processing and refining of raw materials: Implementation of the technology for dry descaling of black coal, implementation of an extraction wastes granulation technology to produce products that could be used as a part of energy mixes and geoenvironmental materials for recultivation. Action area I.5: Recycling of raw materials from products, buildings and infrastructure: Knowledge of the construction's sector requirements for the construction materials and raw materials, Organization's research capabilities and the development of new types of construction materials based on waste from different areas as a base for solutions across the entire value chain. Action area: n° I.6: Materials for green energy technologies: Strengthening of actions toward the better usage of biomass in Central and Eastern Europe through the creation of an international network of consulting and information (within the framework of the implementation of the Coach BioEnergy Project) Action area: n° I.9: Applications using materials in large quantities: Production technology for lightweight aggregates and aggregates substitutes from rock mining waste, manufacturing technology of ash-aggregate mixtures

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Partner Sought

Type and Size of Partner Sought

R&D Institution

Type of Partnership Considered

Research cooperation agreement

Research & Development Request

H2020 NMP-PILOTS-2014 Open access pilot lines for cost-effective nanocomposites

Summary

A UK based SME with expertise in the fabrication of carbon nanotubes in nonwoven mat form is seeking SME exploitation partners specialised in electromagnetic interference (EMI) shielding for electronics applications. These partners may come from aerospace, space, automotive, electronics, communications, defence and medical sectors. Partners are being sought to join a partially formed consortium to apply for the NMP1 call.

Reference RDUK20140410001

Details

Technical Specification or Expertise Sought

PS: H2020 NMP-PILOTS-2014 Open access pilot lines for cost-effective nanocomposites
Specific challenge: The field of nanocomposites materials has witnessed remarkable progress in recent years with many different types of nanocomposites exhibiting radically enhanced properties for a wide range of industrial applications. New manufacturing routes are also emerging, such as in-situ synthesis. The main objective is to develop cost effective and sustainable industrial scale technologies for the production of nanocomposites for specific applications, aiming at the selection, testing and optimisation of materials and process parameters as well as the verification of the nanocomposite performance for a given application in a pilot line setting, representative of operational industrial environments and ready for the start of pilot production as the next step (after the project).

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Partner Sought

Type and Size of Partner Sought

SME 51-250

Type of Partnership Considered

Research cooperation agreement

Research & Development Request

PHC-26-2014: Greek SME is looking for partners to develop an online platform to facilitate the interaction between patients and medical professionals to treat cancer

Summary

A Greek SME is developing an online platform for those affected by serious diseases and aims to collaborate with other stakeholders in a project proposal for PHC-26-2014. The current focus is cancer and the main aim is to provide credible information, useful tools, psychological support, and expert advice. The platform also empowers patients and caregivers towards an active partnership with their professional healthcare team, and strengthens the support for people facing similar challenges.

Reference RDGR20140324001

Details

Advantages and Innovations

The main advantages include: - online community - anonymous clinical and quality-of-life data collection - data analysis for correlations

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Partner Sought

Type and Size of Partner Sought

>500

Type of Partnership Considered

Research cooperation agreement

Research & Development Request

Energy company (utility, operator or DSO) sought for H2020 LCE-7-2014 proposal.

Summary

A Greek university, acting on behalf of the proposals' consortium, is looking for candidate partner(s), in particular utility companies, operators or Distribution System Operators (DSOs) to undertake trial(s) that will involve Distributed Energy Resources like solar panels and wind turbines to which they must have access to. The Greek university participates in this proposal as an expert in Energy Economics responsible for the relevant tasks. The deadline for Eols is 30/04/2014.

Reference RDGR20140330001

Details

Technical Specification or Expertise Sought

Utility companies, operators or DSOs.

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Type of Partnership Considered

Research cooperation agreement

Research & Development Request

Erasmus+ Key action 2 – Development of an Entrepreneurial Approach to Labour at School Fostering Enterprise Skills in Secondary and Tertiary Education

Summary

Italian Local Authority aims to promote at a local level a specific action of diffusion and reinforcement of entrepreneurial spirit at schools and universities to foster entrepreneurial mindsets and skills in teachers and students. They are looking for: local authorities; tertiary education schools and universities; institutional bodies; industries; multinational corporations; trade unions.

Reference RDIT20140325001

Details

Advantages and Innovations

To develop young people's initiatives and help them to be more creative and self-confident in whatever they undertake and to act in a socially responsible way. To increase start-up initiatives.

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