

COMUNICAZIONI | ENEA – Selezione Profili di Ricerca – EEN

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L'ENEA ha diffuso una serie di profili – estrapolati dal database EEN – richiesti per partnership in progetti di ricerca

Se interessati a uno o più profili, occorre inviare una mail a nicola.lanzaro@enea.it

Eurocluster AIBC call: An industrial SME with its own solar electricity production is sought to implement an energy system management built on a system of micro-grid

Short summary

A French SME created in 2015 is seeking a partner from the industrial sector to complete a consortium applying to the AIBC Eurocluster call for project proposals.

The project will address how to optimize the use solar energy for industrial processes with the support of new Artificial Intelligence (AI) techniques.

The sought partner is expected to develop energy management system and data collection process related to its existing solar assets, improving its industrial efficiency.

<https://een.ec.europa.eu/b2b/profile/c2da9505-74ae-4ff4-984e-01899b78a30a>

Artificial Intelligence Spanish SME is looking for partner to apply to greenSME cascade funding open call

Short summary

Spanish SME dedicated to artificial intelligence , data analytics and machine learning want to apply to a greenSME open call using their solution Smart Energy Efficiency Management and they are looking for manufacturing SMEs wealing to establich a partnership collaboration.

<https://een.ec.europa.eu/b2b/profile/b927cde3-630e-4clc-95ef-018925c032ed>

Swiss SME with a history in disruptive innovations along with a Swiss university is seeking R&D Eurostars partners for a human movement analysis mobile app for patient management to assist with anomalous motor conditions assessment and rehabilitation.

Short summary

Swiss SME and university have put together a Eurostars proposal and design for a human movement analysis mobile app for patient management to assist with anomalous motor conditions' assessment, management and rehabilitation. The goals are to expand the suite of assessments and the app's virtual care platform capabilities, leveraging mobile technologies and embedded AI algorithms to be co-developed with the university.

<https://een.ec.europa.eu/b2b/profile/dc4f8a1a-9c9e-4c29-9b59-0189926ed587>

Looking for partners for Call HORIZON-CL2-2023-HERITAGE-ECCCH-01-02

Short summary

French start-up based in Paris. Specialising in architectural and archaeological scanning, it has contributed over the years to the development of digital techniques for safeguarding and enhancing our heritage.

A pioneer in augmented reality, in 2009 it developed the first

mobile AR prototype for the reconstruction of the decor of the Cabinet of Charles V at the castle de Vincennes. Since then, it has produced mobile applications and VR experiences that have won international prizes.

<https://een.ec.europa.eu/b2b/profile/2c6c80cb-3161-48f3-a75a-0189925eac37>

A company and a University are looking for a coordinator their consortia of ''HORIZON-CL6-2024-CircBio-01-5: Programmed biodegradation capability of bio-based materials and products, validated in specific environments.

Short summary

They have planned to create their own project about developing a suitable bio resins from the bacteria for their waste wood under the call ''HORIZON-CL6-2024-CircBio-01-5: Programmed biodegradation capability of bio-based materials and products, validated in specific environments''.

<https://een.ec.europa.eu/b2b/profile/1387d7e1-31be-49aa-8869-01898d3c188e>

A UK-based SME developing novel antimicrobial platform technology is looking for partners to develop the technology further for medical device coating applications for a Eurostars proposal under Research Cooperation Agreements.

Short summary

A UK-based SME is developing a novel antimicrobial platform technology. The platform is being developed as a systemic antimicrobial and a medical device coating to both treat and prevent pathogenic infections. The company is seeking partners to jointly apply to Eurostars to develop the medical device coating technology under a Research Cooperation Agreement.

<https://een.ec.europa.eu/b2b/profile/e61f9cb2-2030-4586-8b2d-0189780f4919>

Horizon Europe Project – Light Driven Bio-Syntheses for Poly-Hydroxy-Alkanoate (PHA) formation from Industrial CO2-Sources – Bio-analytics, PHA processing and marketing, dissemination and LCA/TEA partner requested

Short summary

A German SME is looking for a facility for bio-analytics, PHA processing and marketing, dissemination and Life Cycle Assessment/Techno Economic Analysis (LCA/TEA) to complete their consortium for a project under Horizon-JU-CBE-2023-R-03. Aim is the improvement, up-grading and up-scaling of a well-established cellular two-component bacterial cell system in an advanced photo-bio-reactor system with best illumination known. Deployed is the heterotroph *Pseudomonas putida* for PHA-production.

<https://een.ec.europa.eu/b2b/profile/d0a6d870-3f6d-4fe1-9ccc-0189683e1918>

R&D Company specializing in electronics, household appliances, mobile Technologies, and LED lighting looks for partners on the “Innovative components and configurations for heat pumps” HORIZON-CL5-2023-D3-02-04

Short summary

A Turkish company specializing in electronics, household appliances, mobile technologies, and LED lighting is focused on developing novel and highly efficient heat pumps and their components to address the issues in heat pump systems.

<https://een.ec.europa.eu/b2b/profile/b1516dc7-6c57-46e0-838d-01896d0349c5>

EUROSTARS: An industrial electric motor company is looking for an SME partner to apply next Eurostars call

Short summary

An industrial electric motor company in Turkey is looking for an SME partner who has ability and experience to create a design for the integrated driver to apply Eurostars call.

<https://een.ec.europa.eu/b2b/profile/d27559cb-4b45-4e5c-aa98-018963145692>

Eurostars project seeks partner for developing a mobile app that screens and detects health and mental disorders at an early stage

Short summary

A wellness technology start-up from the Basque Country (north of Spain), involved in predictive health is planning to launch a mobile application that provides information on possible disorders by means of integrating eye-tracking and voice recognition algorithms enabling early diagnoses and intervention. The Basque company is looking for a partner for submitting a joint EUROSTARS proposal in the next call. The type of cooperation envisaged is that of a research agreement

<https://een.ec.europa.eu/b2b/profile/fb209caa-7a3f-495c-936c-01894f1fb9a6>

Spanish SME expert in cooling and air purification systems is looking for partners to participate in EIC Pathfinder Challenge (Clean and Efficient Cooling)

Short summary

Spanish SME is looking for partners for a Clean and Efficient Cooling project. It specialises in the generation of atmospheric plasma using air and develops solutions for the aerospace and automotive industries. The project consists on developing a skid-like battery support system that transfers heat through a plate that integrates heat pipes and disruptive manufacturing models and sends it to the front of the skid, where company's cold plasma systems will transfer the heat to

the ambient air.

<https://een.ec.europa.eu/b2b/profile/91b6bc62-454c-4608-a757-01894ee9f667>

Bilateral Collaborative R&D / EUREKA: German SME seeks partners to develop a testing device for filament characterisation in 3D printing

Short summary

A German SME from the plastics industry seeks SMEs for a research project to develop a testing device for filament characterisation in additive manufacturing. Partners sought are measuring device manufacturers, partners for setting up a measurement system, printer manufacturers, or filament producers, and potentially for data processing and development of a user interface. Funding schemes considered are bilateral calls within the German ZIM programme or other bilateral opportunities.

<https://een.ec.europa.eu/b2b/profile/104cf4fd-026e-4b5b-bc8d-01870e665dd9>

Eurostars: a shoe or insole manufacturer and an athlete/running association sought for the development of an AI coach for a better healthy running

Short summary

A consortium consisting of a Swiss university, a Danish University and a Danish SME is seeking a shoe/insole manufacturer and a sport-medicine/running association to complete a Eurostars consortium. The aim of the project is to develop a new optimised motivational app, including wearables and insole sensor for a better healthy running. In a second step medical application could also be foreseen.

<https://een.ec.europa.eu/b2b/profile/3f923ede-95db-4ae2-90eb-01894a0d74c8>

Turkish Company Seeks Partners for Eureka Consortium to Develop Eco-Friendly Magnetic Cleaning Gels for Effective Historical Surface Restoration and Protection

Short summary

This project consists in developing magnetic cleaning gels (MCG) that provide effective cleaning and ease of application on historical stone façades and mineral-structured surfaces. The target of the method to be used is cleaning the mineral structured surface without leaving any residue and damage from grime and pollutants like organic compounds or inorganic compounds like petroleum derivatives, smoke particles from wood combustion, biogenic components of aerosols, SOx (sulfur oxide) and NOx.

<https://een.ec.europa.eu/b2b/profile/a57908aa-ef7d-4f66-a6eb-018949d33c1b>

A research team from a University and a research centre in Greece is looking for consortia/partners for HORIZON-MISSION-2023-CLIMA-01-02

Short summary

The research team is composed of highly skilled individuals specializing in resilient infrastructure, geotechnical engineering, and clean energy. They boast extensive expertise in addressing challenges posed by climate change and devising sustainable solutions. With their interdisciplinary approach and utilization of state-of-the-art methodologies, the team is well-equipped to contribute to the anticipated outcomes of the call.

<https://een.ec.europa.eu/b2b/profile/eb5d2758-9833-4726-b61f-0189402f149b>

INGENIOUS Cascade Call (July 31st) – Digital SME is looking for a manufacturing partner (from metalworking, nano, plasma

technology, raw materials, chemistry, construction industries) for improving efficiency and sustainability of production plants

Short summary

An innovative Italian startup focused on Industrial Internet of Things solutions is looking for a manufacturing partner (from metalworking, nano, plasma technology, raw materials, chemistry, construction industries) to submit a proposal under the cascade open call of INGENIOUS (dead. July 31st) aimed at demonstrating a solution for improving the efficiency and sustainability of the production plants (monitor power consumption of industrial machines and optimize it using intelligent algorithms)

<https://een.ec.europa.eu/b2b/profile/9edaee31-e3b2-4244-94f0-01892a94b970>

A research team from a University and a research centre in Greece is looking for consortia/partners for HORIZON-CL5-2023-D3-02-15

Short summary

The research team's expertise in advanced analysis of soil conditions, soil improvement, and reinforcement techniques, the team is well-equipped to contribute as research partners in enhancing the overall lifetime, reliability, recyclability, sustainability, operability, and maintainability of foundations/substructures of onshore and offshore wind turbines. The specialized knowledge in these areas aligns with the objectives of the call for proposals, allowing to make significant contributions.

<https://een.ec.europa.eu/b2b/profile/5f3676e8-fb5d-4bc1-af39-01892614c934>

A joint research team from a university and a research centre

in Greece is looking for consortia/partners for HORIZON-MISSION-2023-SOIL-01-01

Short summary

Team's expertise in geotechnical engineering, soil science, & environmental management closely aligns with the call for proposals on subsoil management & ecosystem services. With strong knowledge & experience, the team is well-equipped to tackle the call's objectives and activities. They focus on soil health, carbon storage, water retention, and in-depth analysis and modeling of subsoil processes. They employ advanced tools for risk assessment & prioritize climate change adaptation & mitigation

<https://een.ec.europa.eu/b2b/profile/27d997df-a063-4b91-8893-0189260f9a55>

A joint research team from a university and a research center in Greece is looking for consortia/partners for HORIZON-MISSION-2023-SOIL-01-02

Short summary

With the research team's expertise in geotechnical engineering, environmental preservation, and soil management, they are suitably equipped to make valuable contributions to the HORIZON-MISSION-2023-SOIL-01-02 call. They have extensive experience in understanding soil processes, addressing soil pollution, and developing sustainable soil management practices. Their team's interdisciplinary approach and advanced modeling techniques can enhance the knowledge base for all the above thematic areas.

<https://een.ec.europa.eu/b2b/profile/1769bd0c-888b-48c3-a981-01891bd98aa7>

Dutch SME seeking research partners for projects for nature-based solutions for water storages and water treatment in

municipalities, where seasonal water excess, drought and heat stress determine concern

Short summary

Dutch start-up with modular technology to balance flooding and water scarcity with urban landscape integrated and nature-based water treatment and storage. Experience operating in the Netherlands, Spain, and Belgium. Unique expertise in the space between urban planning/development and urban water management. Seeking municipal and scientific partners for funding collaboration.

<https://een.ec.europa.eu/b2b/profile/ceb0ce1d-752d-45fb-a2b4-0183ac83be80>

Romanian SME active in Aerodynamics & Air Mobility is looking for partners in call EDF-2023-DA-C4ISR-TRPAS (Tactical RPAS)

Short summary

Romanian company has experience in developing a blown lift system, which increases the lift of the aircraft by a couple of times making the aircraft capable of taking off and landing at a lower speed than a conventional aircraft, this way making possible to operate from shorter runways. The applications of their system is a good fit for Electric Aircraft, Air Mobility, UAVs. Partners for EDF-2023-DA-C4ISR-TRPAS are searched under research and development cooperation agreements.

<https://een.ec.europa.eu/b2b/profile/27ed1c42-41ef-49a3-b23f-01887bd52ecd>

Romanian SME active in Aerodynamics & Air Mobility is looking for partners in call EDF-2023-RA-PROTMOB-SATOC: Strategic air transportation of outsized cargo

Short summary

Romanian company has experience in developing a blown lift system, which increases the lift of the aircraft by a couple of times making the aircraft capable of taking off and landing at a lower speed than a conventional aircraft, this way making possible to operate from shorter runways. The applications of their system is a good fit for Electric Aircraft, Air Mobility, UAVs. Partners for EDF-2023-RA-PROTM0B-SAT0C are searched under research and development cooperation agreements.

<https://een.ec.europa.eu/b2b/profile/d3bcc359-7bf1-42c7-9bd3-01887bd739ac>

Romanian SME specialized in renewable energy technology and industrial energy management is looking for partners in call Horizon Europe – Cluster 5: Climate, Energy and Mobility call

Short summary

As a main focus, the Transylvanian based Romanian company provides tailored solutions based on renewable energy technology and industrial energy management, and they support businesses in the integration in products or services of the most advanced technologies coming from the latest breakthroughs in scientific research. Thus, the company is also looking for partners that use renewable energy in various industries to build innovative projects and conclude research and development agreements.

<https://een.ec.europa.eu/b2b/profile/63efa91f-abb4-4281-9a82-018852bd2d46>

Romanian SME specialized in Artificial Intelligence and Machine Learning is looking for partners in call Horizon Europe – Cluster 4: Digital, Industry and Space call.

Short summary

As a main focus, the Transylvanian based Romanian company

provides tailored solutions based on Artificial Intelligence and Machine Learning, and they support businesses in the integration in products or services of the most advanced technologies coming from the latest breakthroughs in scientific research. Presently, the company is also looking for partners that use Artificial Intelligence and Machine Learning in various industries to conclude research and development cooperation agreements.

<https://een.ec.europa.eu/b2b/profile/1694c7a9-fd9f-471a-b9ac-01875689f295>

ENEA – Enterprise Europe Network
Piazza E.Fermi 1
80055 Portici (Napoli)
tel +39 081 7723(325)-(228)
mail: staff.enea.bridgeconomies@enea.it