



Business Support on Your Doorstep

EurOpportunities

Special Green Days
Environment, Energy
and Circular Economy



The Chamber of Commerce and Industry of Auvergne-Rhône-Alpes, France – member of Enterprise Europe Network - identify relevant European opportunities of development in environment, energy and circular economy. Below you will find a summary of technology and business offers & requests as well as partner search for European projects. Should you want more information, please do not hesitate to contact your local advisor (contact details p4). Enterprise Europe Network is cofounded by the European Commission and the regional organisms to help companies to innovate and grow internationally. <https://een.ec.europa.eu/>

TECHNOLOGY OFFERS

- **Technology for converting light radiation into electrical energy (Ref. TOLV20190910001)**

An institute from Latvia has developed a technology for converting light radiation into electrical energy. Technology refers to electromagnetic radiation converters that convert light into electricity and can be used for high-efficiency solar cell manufacturing. Institute is looking for commercial agreement with technical assistance.

- **A technology to effectively utilize and recycle sewage sludge (Ref. TOHU20181115001)**

A Hungarian company has developed a patented technology that provides a solution for transforming municipal sewage sludge into solid fuel (Solid Recovered Fuel - SRF), which also enables sewage plants to achieve significant cost savings. The company is looking for potential licensing partners in the field of sewage plant construction and operation

- **Novel technology for conversion of plastic, packaging and agricultural waste to electricity, process heat and commodities (Ref. TOUK2020010700)**

A UK bioenergy and bio renewables SME has developed technology that converts plastic, packaging & crop waste to electricity, process heat & commodities. It provides off-grid access to reliable, affordable electricity as well as containerised power-generation, which is quick and easy to deploy and enables the use of all types of agricultural and manufacturing waste. The company is seeking strategic partners and project collaborations through license, technical or research cooperation agreements.

- **Nanocoating for solar thermal collectors with a 98% absorption coefficient (Ref. TOUA20200213001)**

A Ukrainian research and development institute is looking for licensees for a nanocoating amongst solar collector manufacturers. The coating absorbs 98% of light, it is eco-friendly and has very good adhesive and weather resistant properties.

- **Desalination technology: an environmentally friendly system that can create drinking water from the sea at the same time generating electricity and basic chemicals (Ref. TOIT20200113002)**

An Italian researchers' group has developed an innovative technology (available for demonstration) able to treat sea water without

membranes, producing at the same time electricity and basic chemicals as Hydrochloric Acid and Sodium Hydroxide. The technology is able to treat all the concentrated brines that are the end products if a reverse osmosis membranes system is used to treat sea water. The researchers are looking for commercial agency agreement with technical assistance

- **Patented technologies for the decontamination of soils polluted by organic contaminants (Ref. TOBE20200115001)**

A Belgian company specialized in thermal desorption offers its own sustainable systems to decontaminate a wide range of polluted soils by in situ thermal desorption (without excavation) or on site, while recovering energy. Its patented technologies are offered to companies active in soil remediation or in the construction sector for international commercialization under a license or commercial agreement with technical assistance or for further cooperation with a technical cooperation agreement.

- **Water treatment with very low-frequency electromagnetic resonance fields to optimise the irrigation process and achieve key benefits for water use, crop yields and soil quality (Ref. TOCH20200316001)**

A Swiss SME with expertise in water treatment has developed a game changing technology for optimising the irrigation of fruits, vegetables and large crops. The water treatment technology is using very low frequency electromagnetic resonance fields. The technology helps to significantly reduce water and fertiliser usage and increases crop production. The company is seeking applied research partners from the agronomy sector interested to test the technology in the frame of a research cooperation.

- **Technology for producing natural gas from underground gas hydrate deposits (Ref. TOUA20191201001)**

A Ukrainian University of Dnipro city offers the technology of continuous, safe and resource-saving gas production from natural gas hydrate deposits to produce an artificial methane mixture for use as an alternative energy source. Advantage is saving of resources, environmental safety, process continuity, ease of transportation in a hydrated state, improving the economic performance of the extraction industry. The university is looking for partners to sign license or joint venture agreement.

BUSINESS OFFERS

- **A UK company specialising in sustainable transport, environmental monitoring and energy management solutions offers its services to partners involved in smart city projects (Ref. BOUK20181024002)**

The UK based web and advanced engineering company has developed an intelligent software platform for the delivery of sustainable city solutions that cleverly integrates into a range of services. The solution supports smart city projects and supports senior management in decision making. The company is seeking partners overseas by either licensing out product usage via a licensing agreement or by providing consultancy via a servicing agreement.

- **Flow control limiter for waste water systems, rainwater sewer systems and basins offered for distribution (Ref. BONL20200211002)**

Dutch specialist in the development, design and production of purification systems for industrial waste water treatment has developed a flow limiter. It is designed to limit the flow in overflow basins, surge basins and sewer systems (combined and rainwater) to a predefined, maximum drainage capacity. The company is offering a distribution services agreement or a manufacturing agreement to distributors, engineering firms and production companies of water treatment systems.

- **German GreenTech company with an innovative solution to increase the added value of residual materials and biomass available for sale under acquisition agreement (Ref. BODE20190617001)**

A German company has developed a very efficient and low-cost solution to extract oils, fats and other single valuable components to increase the benefit from industry waste streams and biomass materials. It now needs to adapt the innovative technology as an element to process parameters and to modify the already existing technique. They are offering the company for sale under an acquisition agreement to relevant organisations working within the biomass value chain.

TECHNOLOGY TREQUESTS

- **Water and/or air filter cartridges to be used for environmental pollutants removing (Ref. TRIT20200624001)**

An Italian innovative startup patented some hybrid materials for the absorption of environmental pollutants and also for the

biodegradation induction of hydrocarbon pollutants spilled into the sea. The company is looking for suppliers of air and/or fresh/salted water filters, to be filled with these innovative absorbent materials, and so only the empty filter cartridges are needed. A commercial agreement with technical assistance will be proposed to suppliers of air and/or water filters.

- **Global accelerator program in the field of energy is looking for start-ups with new technologies (Ref. TRFI20200207001)**

A Finnish technology center with international energy tech partners is looking for new technologies from start-ups and growth companies to apply for an accelerator program in the energy sector. All startup companies and growth companies with early-stage or scale-up phase technology in the energy sector are welcome to apply, as well as startup enterprises in fields linked to the energy sector. Potential cooperation types might be financial and licence agreement and technical cooperation agreement.

- **Looking for an eco-friendly solution of biodegradable biopolymer to replace acrylic resin in the paper coating (Ref. TRIT20200316001)**

An Italian company in paper industry has specialized in superficial treatments of paper is looking for a technology supporting a more environmental friendly approach. In particular the SME seeks company or research centre able to provide a replacement of acrylic resin in paper coating. Ideally, new product should be a biodegradable biopolymer applicable by air knife technology or knife coating. A technology cooperation agreement and/or commercial agreement with technical assistance is sought.

BUSINESS REQUESTS

- **A Romanian company offers its distribution services for off grid/on grid photovoltaic systems (installation kits for photovoltaic systems), photovoltaic panels, photovoltaic lighting poles and wind turbines (Ref. BRRO20191204001)**

A Romanian company is interested in becoming a distributor for off grid / on grid photovoltaic systems, photovoltaic panels, photovoltaic lighting poles and wind turbines. The company currently offers consulting and design in the field

of renewable energy sources and other types of electrical installations. Potential partners are manufacturers and wholesalers of such systems. Cooperation will be based on distribution services agreements.

- **Danish start-up seeks manufacturer of extruded plastic foil with sealing capabilities (Ref. BRDK20191007001)**

An award-winning Danish company has developed a simple solar-powered water purifier, which is currently being used by well-known charity organisations in Africa. The company is looking for a manufacturing agreement with a partner from Asia or Africa, who can make the extruded plastic film on roll stock, as well as seal the plastic film into a bag and attach a spout, and who can deliver large quantities.

RESEARCH & DEVELOPMENT REQUESTS

- **A renowned Korean manufacturer of steam methane reformer for hydrogen refueling system is seeking utilization technology for its captured carbon dioxide (Ref. RDKR20200813001)**

A Korean manufacturer of steam methane reformer for hydrogen refueling system is seeking a partner with captured carbon dioxide utilization technology for their EUREKA project. The goal is to improve energy efficiency and reduce greenhouse gas emissions with carbon dioxide capture/storage technology (CCS) and carbon utilization technology to be developed throughout the project. Partners with CCS have been found and the consortium is now seeking partner with carbon utilization technology.

- **Spanish company is looking for partners to apply to Eurostars to further develop a non-conventional alternator (Ref. RDES20200722001)**

A Spanish start-up expert in the development of ground-breaking systems for wind energy generation is looking for partners expert in kinetic and mechanical energy conversion into electricity to further develop a non-conventional alternator. The main objective is to introduce improvements in the current alternator to increase its efficiency and maximize electricity generation. The partnership sought is a research cooperation agreement to participate in Eurostars.

GREEN DAYS ✨ **01-04 DEC. 2020**
INTERNATIONAL TECHNOLOGY & BUSINESS MEETINGS

VIRTUAL

..... POLLUTEC Fair Lyon - France

On the occasion of the digital **Pollutec Fair**, the major fair place for the environmental and energy sector, the Consortium Enterprise Europe Network Auvergne Rhône-Alpes will organise the international brokerage event **VIRTUAL GREEN DAYS**.

The aim is to help companies to find international partners for business, R&D (product development, manufacturing and licensing agreements, joint ventures, ...), European projects...

In 2018, the brokerage event brought 237 participants from about 25 countries with 1292 meetings.

Register on www.green-days-pollutec-2020.b2match.io before 13/11. Registration is free but mandatory, as well as attendance to the event.

[Contact Enterprise Europe Network](#)

Should you need any further information regarding the above partnership opportunities, events or services please contact your EEN advisor:

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