Global reach for local companies...
TechMatch is a free information service, which includes a selection of technologies within Food, Agriculture, Environment and Energy which are offered and requested by companies in Europe. The service also provides information on relevant fairs and matchmaking events.

The aim of the publication is to promote cross border trade and co-operation.

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Remember to quote the reference number of the profile you want to know more about!

You are also welcome to contact us if you wish to promote your new technology in other European regions.

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Automated systems for closing bottles for improved efficiency in the beverage industry  
(Ref: 11 DE 0855 3N7H)
A small German company offers technologies for automating the closing/capping processes of bottles in the beverage industry. Their machines are applicable for aluminium roll-on caps, glass stoppers and Stelvin Lux closures. They are looking for companies from the beverage industry interested in integrating the technology into existing or new production lines.

Automated systems for opening and emptying bottles for improved efficiency in the beverage industry  
(Ref: 11 DE 0855 3N7G)
A small German company offers technologies for automating the opening and emptying processes of bottles in the beverage industry. The systems gently decrown/unscrew and empty glass and/or PET bottles, e.g. to recover products in mislabelled/underfilled packages or in refill systems where bottles arrive at the processing plant with the cap still on. They are looking for companies from the beverage industry interested in integrating the technology into existing or new production lines.

Technologies for innovative food, nutraceuticals or cosmetics production  
(Ref: 11 IT 532V 3N9C)
An Italian company distributing adjuvant products for the agrofood industry is looking for advanced food technologies giving rise to innovative products, market-demanded but difficult to be found. Technologies for dietetics, nutraceuticals, cosmetics (herbs, para-pharmaceutical products) would be welcome as well. The company is interested in manufacturing or commercial agreements.

New system for microbial inactivation in food using ultrasound and supercritical fluids  
(Ref: 11 ES 23D2 3NDB)
A Spanish university has developed a new system to inactivate microorganisms in food combining supercritical fluids and ultrasound technologies. The system works under low temperatures and pressures allowing reduction of costs and time, and preservation of the overall sensory and nutritional properties of the food. The technology has been tested with real foods. Researchers are looking for companies to licensing the technology or to carrying out further developments.

Technology and innovation for the packaging of processed macroalgae for the gourmet market  
(Ref: 11 CL 85FE 3N63)
A Chilean company associated with the macroalgae gourmet market, is looking for packaging technologies for their products allowing them to be transported securely from Chile to Europe.

Innovative probiotic jellies and gummy candies  
(Ref: 11 ES 23D2 3NFB)
A Spanish university has developed a new brand of probiotic and/or symbiotic jelly and gummy candies, based on vegetal ingredients that confer healthy beneficial properties. Till now, there is not in the market any product with these characteristics. They are totally developed and tested at laboratory scale. The researchers are looking for agrofood industries in the field of juice production, jellies, and gummy candies for further development or acquiring the technology.

Technology for the avocado oil extraction process  
(Ref: 11 CL 85FE 3N5W)
A Chilean company is looking for technologies allowing to extract extra virgin avocado oil. Also, it is looking for an avocado sorter machine. Line process should be estimated to produce between 10 and 15 thousands litres per month and the technology should be fully developed.

A method for instant macaroni manufacturing  
(Ref: 11 PL 63AV 3NES)
A Polish research institute located in Western Poland has developed a new method of producing instant macaroni. The method includes manufacturing with thermo-extrusion using domestic raw materials; and machines and equipment were developed. Quantitative and qualitative selection of macaroni mix and the manufacturing process enabling its rapid production were invented. Main advantage is wasteless technology. The company is looking for technology partners interested in purchasing know-how.

Method and test system for simultaneous determination of B-complex vitamin activities in food  
(Ref: 11 EE 21B9 3NCJ)
Estonian scientists have developed a method and analytical kit for simultaneous determination of absolute activity of five B-complex vitamins in food, food- and bio-supplements and feed. The method calculates the vitamin activity on the basis concentrations of respective vitamers in the food sample. Licensing agreements or joint further development are sought.
**Technology for the treatment and disposal of effluents from a small company of cheeses**

(Ref: 11 CL 85FE 3N61)

A Chilean company that produces cheeses, with current Italian technology, requires technologies and innovations for the treatment of effluent generated by the industry. The technology must be adapted to a small space, or the design must be in different heights. The technology should be fully developed.

**Facility for chilling and freezing of foodstuffs**

(Ref: 11 DE 18AS 3N9O)

At a German research institute a process and a facility for chilling and freezing food has been developed. The foodstuffs are placed in a special chamber. The pressure in this facility is lowered to an extent that the product chills and freezes due to evaporation of moisture. Stickiness of the product is prevented by vibration during the chilling and freezing process. The potential partner should join further development of a complete prototype and market launch.

**Immunoassay to detect residual fluoroquinolone-type antibiotics in food**

(Ref: 11 ES 28G2 3NGX)

A Spanish public research organisation has synthesized improved haptensex to generate antibodies to fluoroquinolone-based antibiotics for determining their residues in food. The immunoassay is fast and efficient, has detection limits of 0.025-6 ppb depending on the fluoroquinolone, matrix and animal species and detects fluoroquinolones undetectable with other methods. Companies interested in patent licensing and/or in collaborating in the development of its applications are sought.

**New technology for Balkan traditional milk fat dairy product**

(Ref: 11 RB 1B1M 3NBU)

Serbian firm invented and established a modern procedure for traditional dairy product from milk fat with high quality and safety as well as delicious taste characteristics. The main innovation advantage is that the manufacturing process can be effectively controlled, allowing precise standardization of dairy product which wasn’t a case till now. Firm is interested in technical cooperation with producers of dairy products in order to introduce and apply this modern technology in their enterprises.

**Biometric Smart Card using Electrocardiograph (ECG) Data**

(Ref: 11 GB 39n3 3NLG)

A UK SME has developed biometric smart card technology that authenticates user ID using pioneering, patented biometric technology that analyses a user’s unique electrocardiogram (ECG). This provides significant additional security features when compared to existing smart card and access technologies using ‘Chip and Pin’, fingerprint, voice recognition or other biometric data. Joint venture partners are sought to bring this product to market.

**Food traceability systems using RFID and WSN (wireless sensor networks)**

(Ref: 11 ES 23C6 3NCX)

A Spanish company is engaged in the IT sector. This is a spin-off company dedicated to advanced telecommunications systems applied to food traceability. They offer a full traceability system by means of RFID and WSN technologies for tracking the goods throughout the supply chain and allowing the clients and end customers to look up the information of products. This technology makes possible to reduce wastes, optimize the logistics and to improve the quality of products and services.

**Biometric Tracker using Electrocardiograph (ECG) Data**

(Ref: 11 GB 39n3 3NLH)

This device has been developed by a UK SME to prototype stage. The Biometric Tracker is a wrist worn device, similar in size to a standard watch. It combines existing GPS technology with a unique, biometric ECG identification method to ensure the individual is tracked, not just the device. Further development work is required and enquiries are sought from industrial partners who have expertise in commercialisation and are open to a joint venture.
Research cooperation for solar photovoltaic panels applying to nautical watercraft - zero carbon footprint
(Ref: 11 IT 55X5 3N6K)
An Italian company with a long history as boat builder and repair, working with world-known yacht designers, wants to develop an electric zero carbon footprint boat. Therefore it is looking for a partner in the field of solar photovoltaic panels, able to develop an array of thin film cells, to carry out a technical and research cooperation.

High-usability Permanent Magnet Rotor Generator for wind power
(Ref: 11 KR 9A9E 3N6U)
Korean manufacturing company in the field of wind power generator has developed generator using permanent magnet rotor that does not require exciter. Through the technology, process of manufacturing is reduced and weight is lightened. The technology generates generator wavy harmonic wave below 1.0%, and it shows 96.5% efficiency. The company is interested in product sales and/or licensing agreement.

2mw gearless wind turbine generator for reduced maintenance costs
(Ref: 11 KR 9A9E 3N6R)
A Korean semiconductor machinery manufacturer has developed a gearless wind generator. The permanent magnetic synchronous generator was applied to the wind generator for enhanced reliability & efficiency and reduced maintenance costs and O&M time. The company is looking for industrial partners for license agreement, technical cooperation; manufacturing and commercial agreement with EU partners are also sought. The company is also interested in product sales and wind farm construction projects.

Search for innovative technology to increase efficiency of photovoltaic panels at low lighting intensity
(Ref: 11 LV 58AD 3N8H)
A Latvian company operating in solar (photovoltaic) panel production searches for innovative technology to increase the power (efficiency) of solar panels at low lighting intensity. The new technology should be environmentally friendly and economic. The technology requested must be fully developed and available for implementation. The company is looking for commercial agreement with technical assistance.

Vertical Axis Wind Turbine
(Ref: 11 IT 55X6 3N74)
A small Italian company has developed a Vertical Axis Wind Turbine prototype. This patented prototype combines two different functions: 1. the production of clean energy (in both residential and rural areas); 2. a promotional activity, since its structure is designed to display colored banners on its vertical axis, turning at low Rpm (Rotation per Minutes) speed. The company seeks private or public investors and partners for joint-venture, license and financial agreements.

Process for the production of renewable energy by osmotic pressure
(Ref: 11 IT 55W9 3N73)
An Italian inventor has filed a patent that allows the production of electricity through the use of osmotic pressure generated artificially in a suitable technological process. Fresh water and sea water are brought into contact through a semipermeable membrane, thus generating osmotic pressure that activates a turbine to produce energy. The inventor is interested in license agreements or joint venture for technical cooperation.

Aerobic fermenter for the processing of biodegradable waste
(Ref: 11 CZ 0748 3N5H)
Czech SME developed the key technological device for the processing of biodegradable waste, sludge from waste water treatment plants and other biological waste using a controlled thermophilic aerobic fermentation. The company is looking for partners for Commercial Agreement with Technical Assistance and Manufacturing Agreement focusing on finding New way to use an existing production line.

Willow and poplar for energy production and protection of the environment
(Ref: 11 DK 20B7 3NFQ)
A Danish innovation and research institute working with technology and development in the agriculture sector offers its competences within willow and poplar for energy production. The institute is looking for partners within the area of short rotation coppice for energy production and protection of the environment in order to enter into joint development projects.
Hybrid Inverter, Highly Compatible with Wind Generators
(Ref: 11 KR 9A9E 3N6V)
A Korean inverter manufacturer has developed a hybrid conversion inverter, monitoring system, and central control system, highly compatible with wind generators. This hybrid inverter alternates power generation between diesel, solar photovoltaic and wind energy in order to minimize the use of fossil fuels while maintaining the power supply. The company is looking for industrial partners for product sales, licensing, manufacturing agreement, technical cooperation and commercial agreement.

Cost- and energy-efficient high selective coating for aluminum solar absorber
(Ref: 11 DE 0855 3NH9)
A German SME offers a high selective coating for solar collectors allowing to coat even textured surfaces, e.g. cusion absorbers/roll bonds. Apart from the low cost and low energy consumption further advantages are excellent absorption and emission values, a long-term stable performance and that the coating plant is dynamically extensible. Industrial partners are sought e.g. manufacturer of solar panels for licensing agreement and other forms of co-operation for which they offer further support.

Specific culture medium based on Glycerine that increases the yield of ethanol production
(Ref: 11 ES 27F4 3NBK)
A research group on “Biological and Enzymatic Reactors” has developed a novel culture medium formulated specifically for the bioproduction of ethanol and hydrogen from glycerine, through the bacterial activity of the species Escherichia coli. It is a simple and attractive method in which the source of carbon employed is glycerine, obtained as a by-product in the biodiesel industry, that is available in large quantities and hence at low price. Partners interested in a licensing agreement are sought.

On/Offshore Wind Turbine Blades and Nacelle (750kw ~ 3mw)
(Ref: 11 KR 9A9E 3N7B)
A Korean composite material structure manufacturer has offered a manufacturing method of the blade and nacelle cover for the wind turbine generator ranged between 750kw and 3Mw. The technology adopted the optimum design based on FEM analysis and infusion and molding techniques for the blade and nacelle’s robust structure. The company is looking for industrial partners to licensing, technology cooperation, manufacturing & commercial agreement. Product sale is also considered.

Small Scale Hybrid Power Generation System, Ideal Application to Remote Areas
(Ref: 11 KR 9A9E 3N7A)
A Korean electromotor and power generator manufacturer has developed a technology that enables the independent power generation by utilizing various sources of energy, including wind power, diesel, battery and solar photovoltaic. The company is looking for industrial partners to technology cooperation, commercial agreement, and joint venture. Product sale is also considered.

Specific culture medium based on Glycerine that increases the yield of ethanol production
(Ref: 11 ES 27F4 3NBK)
A research group on “Biological and Enzymatic Reactors” has developed a novel culture medium formulated specifically for the bioproduction of ethanol and hydrogen from glycerine, through the bacterial activity of the species Escherichia coli. It is a simple and attractive method in which the source of carbon employed is glycerine, obtained as a by-product in the biodiesel industry, that is available in large quantities and hence at low price. Partners interested in a licensing agreement are sought.

Low frequency earth energy generator
(Ref: 11 ES 27F3 3NEM)
A Spanish inventor has developed a new kind of energy generator by the use of the low earth frequency radiation able to transform into induction currents. It has an easily maintainable and very short costs production and installation. It represents an innovative energy generation. Invention is scalable and applicable in a wide range of conditions due to its innovative construction. The inventor is looking for partnership, financial resources and licensing opportunities.
**Next generation photovoltaic device**  
(Ref: 11 FI 3012 3NDW)

A Finnish company specialized in MEMS semiconductor design and manufacturing has developed a groundbreaking technology to produce cheaper and more efficient solutions for photovoltaic devices. Company’s solar architecture uses materials at the nano scale as photon absorbers, converters and transporters. Company is looking for solar panel manufacturers for joint further development.

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**Innovative system for energy storage and production**  
(Ref: 11 GR 49Q1 3NKJ)

A Greek SME, providing engineering solutions applicable in industry, presents an innovative patented system which allows energy storage from renewable energy sources and then production of energy at any time and at any desired level needed. The system solves one of the biggest problems that prevents the wider use of renewable energy sources. The Greek company is looking for industrial companies for a technical cooperation agreement.

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**Integrated Fall Protection, Climb Assist, Rescue & Evacuation System for Wind Turbine Operators**  
(Ref: 11 GB 46P4 3NHQ)

A Scottish SME has developed the world’s first multi-functional height safety system. Designed principally for wind turbine operators, it incorporates fall prevention, climb assist, work positioning, rescue and evacuation functionality. The company seeks specialist wind energy operations and installation partners to deliver a fully engineered installation solution, tailored to the needs of individual customers. This may be under licence, JV or commercial agreements with installation assistance.

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**A novel coordination solution of two energy sources for heating supply systems**  
(Ref: 11 LT 57AB 3N67)

Research group from Lithuania developed a two energy sources (one of which is central) coordination solution. It is based on unique principles used for selection and optimization of few energy sources according to their characteristics (price, etc.). It could be used by companies that install, maintain alternative energy supply sources, multi-heating units and/or modernize central heating systems. The authors seeks partner for commercial agreement with technical assistance, license agreement.

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**Hybrid Vehicle Drive Systems**  
(Ref: 11 GB 77dz 3NJK)

A UK manufacturing company has developed a front and rear wheel hybrid drive system and all major components (electric Motor, battery pack) for use in commercial vehicles. The system can significantly reduce fuel use and CO2 emissions by recovering energy that would be wasted through braking and deceleration. The company seeks industrial partners/OEMs for either a license agreement, engineering projects or commercial agreements with technical assistance.

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**Adapting wood fired CHP systems to extract Carbon Dioxide for agricultural uses**  
(Ref: 11 GB 41n7 3NJZ)

An East of England based company seeks a partner with the knowledge and capability to extract Carbon Dioxide by-product from WID compliant steam boilers. The extracted CO2 is to be used for the propagation of tomatoes in a glasshouse. The UK company seeks a partner that can design and install the relevant technology.

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**Low cost and safer fabrication of CIGS solar cells**  
(Ref: 11 CH 84FB 3NIL)

Swiss research institutes offers a simple non-vacuum deposition method for Cu(In,Ga)Se2 - Copper indium gallium (di) selenide - so called CIGS solar cell absorber layers. The technology is based on non-toxic and non-hazardous solutions for safe processing of thin film solar cells and reduces the process steps. Efficiencies of up to 7.7% have been reached. Looking for industrial scale cooperation towards large area and low cost manufacturing of solar modules.
Energy

Heating plants based on renewable biomass sources
(Ref: 11 SE 672F 3MWR)
A Swedish company within the Bio Energy sector has developed a combustion system. They supply, design, manufacture and deliver the complete bio fuel installation. The company is looking for a license partner with experience of design and building projects in the energy sector. The potential partner should help them to supply their combustion systems for the local markets. Lowered emissions of Cobalt and Nitrogen oxides are some of the environmental advantages that will be obtained.

Increasing the dry matter content of slurry for biogas production
(Ref: 11 DK 2087 3NM2)
A Danish innovation and research institute working with technology and development in the agricultural sector offers its competences within slurry separation. The institute is looking for partners within slurry based biogas production in combination with slurry separation in order to enter into joint development projects.

Innovative glass-glass high efficiency photovoltaic panel
(Ref: 11 IT 54V7 3NNN)
An Italian company produces innovative monocrystalline-base photovoltaic modules with a structure that does not resort to encapsulation with “weak” materials. The solar cells, wrapped and sealed by a special gel, are contained in a module structure made of glass: so it’s possible to overcome temperature limits and decay time, with a lifetime of more than 30 years. The company is interested in partnerships to face new markets and seeks commercial agreements with distributors and suppliers.

Perennial grasses for energy production
(Ref: 11 DK 2087 3NM9)
A Danish innovation and research institute working with technology and development in the agriculture sector offers its competences within crop management related to perennial grasses. The institute is looking for partners for joint research projects in the area of perennial grasses for bioenergy purposes.

Solar energy production simulator
(Ref: 11 FR 38m9 3NND)
A French company active in the solar energy industry and photovoltaic panels installation has developed a simulator of solar energy production useful for teaching and training. Commercial agreements with technical assistance are sought.

Effective wave energy conversion technology and device for extraction of energy from sea waves with low wave potential
(Ref: 11 BG 0530 3NNX)
A research unit of the Bulgarian Academy of Sciences has developed an effective wave energy conversion technology and device applicable in the extraction of energy from sea waves. The technology provides high efficiency even when there is low wave potential and an increased adaptive contact surface. The company seeks technical cooperation, joint-ventures, financial resources and commercial agreements with companies interested in the implementation of this invention.

Mass-production technology for Miscanthus energy-reed to facilitate renewable energy generation
(Ref: 11 HU 5010 3NO9)
A Hungarian small enterprise has developed a mass-production technology for Miscanthus (Chinese reed) to facilitate heat and energy production from renewable resources. Main advantage of technology on offer: has an outstanding biomass potential. Technology is primarily suitable for biomass power plants, agricultural enterprises and municipalities. This company is searching for agricultural partners for planting energy-reed plantations, and for integration into agro-franchise systems.
Increasing agricultural productivity (farm platform for research)
(Ref: 11 GB 77dz 3NKV)
A UK research body offers a farm platform and related technologies for agricultural research. The platform consists of 3 different farming systems sub-divided into smaller catchments to allow research into best practices in beef and sheep production, new farming approaches which is supported by extensive analysis of a wide range of environmental data accessed over the web. They are seeking partners for technical cooperation and commercial agreements with technical assistance.

Portable pesticide analyzer suitable for the investigation of phosphoric acid ester type pesticides
(Ref: 11 HU 5010 3N7C)
Knowledge centre of a Hungarian college offers a pesticide analyzer for companies working in the fields of environmental protection, agriculture or food industry to investigate phosphoric acid ester1 type pesticides. Portable instrument is cost effective because it isn’t necessary to deliver the samples into a laboratory. It’s able to measure 8 different samples simultaneously with a capacity of 100 samples per hour. Partners for license, technical, manufacturing or commercial agreement are sought.

Cattle manure separation technology for production of solid organic fertilizer
(Ref: 11 LV 58AD 3N6A)
Latvian farming company, operating in dairy sector, is looking for a solid organic fertilizer production technology from cattle manure. The company is looking for a simple, small scale manure processing technology - separating two fractions - liquid and solid. Company is looking for a commercial agreement with technical assistance, and is open also for technical cooperation.

Hard waste water treatment by Direct Anodic Advanced Oxidation Process (D.A.O.)
(Ref: 11 IT 532V 3N9B)
An Italian PMI has developed an eco-friendly method to treat hard types of waste waters. The technology can be applied to a wide variety of aqueous industrial effluents. Pollutants can be broken down by Direct Anodic Advanced Oxidation process (D.A.O.), including those containing recalcitrant compounds that biodegrade slowly or not at all. Partners for commercial agreements with technical assistance and joint ventures are sought.

Treatment of waste logistic system for introduction of proportional to use rubbish-transport cost payment
(Ref: 11 HU 5010 3N6N)
A Hungarian institute for logistics and production developed a treatment of waste support logistic system for introduction of proportional to use rubbish-transport cost payment. Advantage: it allows to pay only as much as kilograms of rubbish you have got. Technology is mainly good for local government, transporter of waste, waste processing and public domain-maintainer companies. The company seeks partners for testing new gravimetric methods and fitting assistant-chassis for rubbish-wagon.

Prefab modular wastewater treatment system
(Ref: 11 NL 60FI 3NFG)
A Dutch SME active in the drinking water and wastewater treatment industry has developed a simple durable turn-key prefab water treatment system. The system consists of various corrugated steel tanks where all the different stages of treatment take place. The system is prefab, modular and doesn’t contain concrete. The company is offering a joint venture or commercial agreement with technical assistance.

GPS controlled planting of Christmas trees and grapevines
(Ref: 11 DK 20B7 3N3Y)
A Danish SME has developed a GPS controlled system which is suitable for machinery planting of Christmas trees and grapevine plants. The SME is looking for Christmas tree growers and wine farmers who are interested in technical cooperation which will lead to the utilisation of the solution in their planting activities.

Waste processing technology based on decomposer microorganisms
(Ref: 11 RU 86FG 3NDS)
A company from Kazan developed a waste processing technology based on using the properties specific to particular types of waste and mobilization of microorganisms inhabiting these wastes. The technology enhances the process efficiency without additional research and adaptation. The company is interested in technological cooperation with a view of further development of the technology and establishing a joint production.
A novel filter material to purify oils and fuels from water
(Ref: 11 EE 21C1 3NF8)
An Estonian SME has developed a new filter material based on coalescent technology. The respective filter separators are usable in systems to purify different fuels and oils from water and mechanical impurities. The unique structure of the material enables to break emulsions that are hard to separate by sedimentation. The company is searching for industrial partners who would be interested to use the material in their production (filters, filtering equipment, etc.).

| Table 1 |
|-----------------|-----------------|
| Dimension of the filter element | Ø 355 x 300 |
| Operating temperature during dehydration | 5-60°C |
| Capacity of the fractional fuel | ~ m³/h |
| Capacity of the fuel at 40 °C (0.15 m³) | 1.5 m³/h |
| Maximum fluid viscosity | up to 60 cSt |
| Separation of moisture | 92-98% |
| Separation of solid particles | 93-96% |
| Separation of biological impurities | 59-95.5% |
| Filter flow rate | 3.5 m³/h |
| Pressure drop | 0.1 bar |
| Allowable maximal pressure with liquid fuels | up to 5 bar |
| Allowable maximal pressure with gases | up to 250 bar |
| Capacity of impurities in the element | up to 300 mass % |
| Filter expansion due to swelling | 10% |
| Filter material hydromelibility | 1000 mass % |

Measurement of emission gases from livestock production systems
(Ref: 11 DK 2087 3NM8)
A Danish innovation and research institute working with technologies and development in the agricultural sector offers expertise in technologies and concepts within the measurement of emission gases from livestock production systems. The institute is looking for partners for joint innovative research and development projects in the area of improved methods for measurement of emission ammonia, odour and greenhouse gases from livestock production.

Multi-phase separation process for digestate treatment
(Ref: 11 DE 0855 3NJM)
A German company offers a multi-phase process for digestate treatment that requires little volume and storage capacity, thus significantly reducing transport costs. The process results in high quality fertilizer and re-useable effluents.

Applications are e.g. in wastewater and waste treatment and in biogas industry. Industrial partners are sought for commercial agreements with technical assistance.

Portable technology and device for measuring the water level in artesian wells
(Ref: 11 RU 86FG 3NDQ)
A company from Kazan has developed a portable technology and device for measuring the water level in artesian wells. The advantage consists of high accuracy and reliability, online acquisition of data, capability to use in slanted well of various depth. The company is looking for a license agreement and/or technical cooperation, including a joint venture.

Three-layer composite polymer films for greenhouses to protect cultivated crops from the UV radiation and prevent their overheating by means of infrared correctors
(Ref: 11 RU 86FG 3NJC)
A SME from Tomsk developed three-layer polymer films for greenhouse facilities that ensure protection of cultivated crops from UV radiation through the effect of photochromism. The fillers used are non-toxic, relatively cheap compounds that are inorganic, which increases the product’s life cycle. Partners are sought for further joint development and testing of new material compositions, implementation of new applications, adaptation of material properties to customer needs.

Animal feed production technology from a fruit and vegetable waste
(Ref: 11 RB 1B1M 3N81)
A Serbian company offers a technology allowing the production of animal feed from fruit and vegetable waste. It is an innovation which enables utilization of large quantities of waste as a healthy animal feed. Company is looking for partners interested in Licensing Agreement.

Mobile Automated Hydroponic greenhouse factory for on-line fresh salads production
(Ref: 10 IL 80ER 3K4G)
An Israeli company Manufacturer of Mobile Automated Hydroponic greenhouse factory of on-line fresh salads is looking for partners with appropriate technology capabilities to build a big mobile Salad Production. The Plants will include a new and unique system, shallow-bed, rotating using new hydroponic methods and design as a fully automated greenhouse.

Incinerator for liquid hazardous waste
(Ref: 11 IL 80ER 3M4N)
An Israeli company a leader in local market in the field of hazardous waste management is looking to establish a Liquid hazardous waste incinerator in order to promote a local efficient BAT (best available technologies) solution. The company is looking for an experienced partner for construction and establishment of liquid hazardous waste incinerator in order to promote a local BAT solution.
Matchmaking in the business sector is all about getting a lot of different companies and organisations from a particular sector to meet at a matchmaking event, and to help them create new national and international working relationships.

During these matchmaking meetings, which can be run over 1-2 days, participants can meet new potential business partners. Meetings are normally arranged in advance, and can typically last for 30 minutes, which is enough to see if there is the potential for future co-operation. Matchmaking is the quickest and cheapest way to build up new contacts in other countries.

Most matchmaking events are held in connection with international trade fairs and give your company the chance to meet with other businesses relevant for you – whether your visit is to buy, sell or simply to learn about new technologies.

There are many matchmaking events in Europe and a small selection is shown in this edition of TechMatch. If you want to hear more about an event, or wish to take part, please contact one of our consultants.
### International Matchmaking Events

<table>
<thead>
<tr>
<th>Event Name</th>
<th>Date</th>
<th>City/country</th>
<th>Sectors</th>
<th>Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>III Business Meeting of Environment and Energy is organized together by the Chamber of Commerce of Valencia and REDIT (Regional Network of Technological Centres) with the support of the EEN and Feria Valencia.</td>
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<tr>
<td>The areas of interest range over everything related to energy, environment, eco-building, sustainable town planning, landscaping and efficient water management, since it is celebrated in the framework of five fairs: Egética-Expoenergética, Ecofira, Novabuild, Greenup and Efi aqua.</td>
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<tr>
<td>The Event will be the unique platform to share innovative technologies, cooperation agreements and to find new business partners.</td>
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<td>By pre-arranged one-on-one meetings according to the cooperation interests. The company can make better use of their time at the exhibition.</td>
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<td>Further Information and Online Registration</td>
<td><a href="http://www.b2match.eu/b2benvironmentenergy2012">www.b2match.eu/b2benvironmentenergy2012</a></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>FOODREX Brokerage Event</th>
<th>Date: 10 February 2012</th>
<th>City/country: Belgrade, Serbia</th>
<th>Sectors: Agricultural and marine resources and products</th>
<th>Registration: 1 February 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOODREX Fair, International Trade Fair For Food Industry &amp; Drinks which will be organized on February 10th 2012, following the concept of the leading world tradeshows represents the best place to present your products to numerous visitors from the entire region of southeast Europe!</td>
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<tr>
<td>FOODREX will bring together the following categories: fresh food, frozen food, meat and meat products, milk and dairy products, pastas and bakery products, fruit and vegetable products, organic food, confectionery products, spices and food seasonings, fine food, water, drinks and beverages and hot beverages.</td>
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<tr>
<td>Matchmaking at the FOODREX Fair, International Trade Fair For Food Industry &amp; Drinks is an ideal event to make contacts and to prepare future business. It will allow participants to get together with the most promising business partners in pre-scheduled meetings. You can present your company and identify attending participants. Register now, and in a day you will be able to have numerous discussions with representatives of foreign trade businesses, saving you time-consuming business trips.</td>
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<tr>
<td>Further Information and Online Registration</td>
<td><a href="http://www.b2match.eu/foodrex2012">www.b2match.eu/foodrex2012</a></td>
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</tbody>
</table>
**International Matchmaking Events**

**B2KONY-AGRI 2012 BROKERAGE EVENT**

Date: 17 March 2012  
City/country: Konya, Turkey  
Sectors: Agriculture - forestry  
Agricultural and marine resources and products  
Food - agro industry  
Industrial manufacture

Registration: 10 March 2012

*International Brokerage Event for the Agriculture, Agricultural Machinery, Dairy and Horticulture sectors in the context of AGRI-CULTURE FAIR 2012 on 17 March 2012*

The brokerage event is a very important opportunity for agriculture related companies from European countries to meet potential business and technology partners for pre-arranged b2b talks.

The main target of the fair will be to present the latest technologies, the process of EU membership, in the agriculture sector. Konya being a centre of agriculture and a city where traditional food production is very high increases the importance of the fair.

Who should attend?  
The event addresses to representatives from the agriculture industry, farmers etc., willing to find cross-border cooperation partners: distributors, subcontractors, licensees, technological partners, service providers or others. The event is also a platform for exchange on current developments, technologies and innovation in different countries.

Further Information and Online Registration  
www.b2match.eu/b2konya-agri-2012

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**Ecobuild Matchmaking Event**

Date: 21 March 2012  
City/country: London, UK  
Sectors: Environment  
Energy  
Waste management

Registration: 13 March 2012

Enterprise Europe South-EastUK is organising a B2B Match-Making Event during Ecobuild, the biggest event in the world for sustainable construction.

With the one-to-one pre-arranged meetings, exhibitors and visitors can find potential commercial and technology partners from all over Europe. To arrange the most suitable, effective meetings, view the online catalogue which contains profiles of each attendee.

Thematic focus of the Brokerage Event:

- Sustainable design  
- Progressive and efficiency eco-technologies  
- New building material and technologies  
- Systems and equipments using energy from alternative sources (Solar panels, heat pumps, equipment for cooling and recuperation of heat, wind turbines, etc.

Further Information and Online Registration  
www.ecobuild.b2b-match.com  
www.ecobuild.co.uk
The Enterprise Europe Network was launched in February 2008 by the Commission’s Directorate-General for Enterprise and Industry. It builds on the former Euro Info Centre (EIC) and Innovation Relay Centre (IRC) Networks, established in 1987 and 1995 respectively.

Who are we?
• 600 organisations
• Activities in 50 countries

How can we help you?
• We can help your company find relevant trading partners
• We help SMEs develop new products, open new markets and provide information on EU opportunities
• We advise SMEs on technical issues including IPR, standards and EU legislation
• We operate as an intermediary between entrepreneurs and EU decision makers and can help your company be heard in Europe

In only three months in 2011, Morten Basse Jensen (right) from the Danish company APRO and Winston Philips (left) from English Cosalt agreed to establish a joint venture, Cosalt Wind Energy - installation and servicing of offshore wind turbines.

In September 2011, the joint venture won the Enterprise Europe Network’s “Network Stars Award” as a best practice example of cross-border cooperation.

Some numbers...

• Business and technology partnership deals signed by 5,000 companies
• 23,000 profiles in the technology transfer and business cooperation databases
• More than half of companies using the Network have entered new markets
• 99.7% of clients surveyed would recommend the Network to others

www.enterprise-europe-network.ec.europa.eu