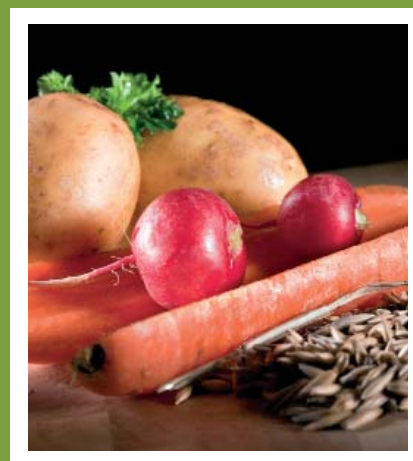
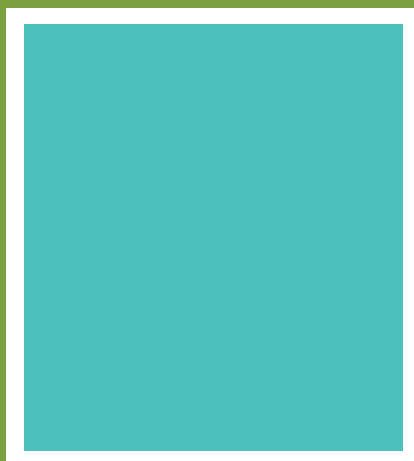
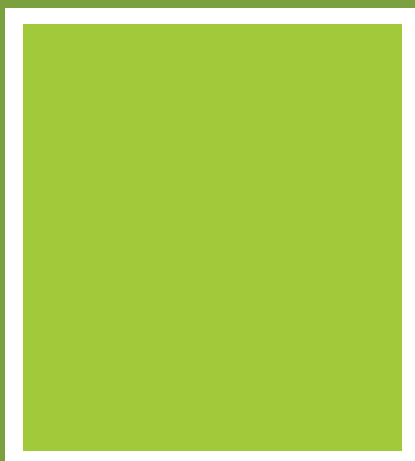
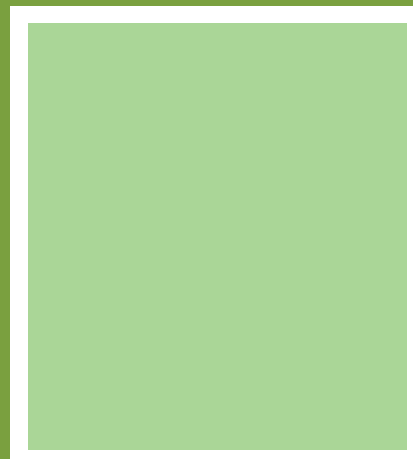


TechMatch

AGRI BUSINESS & ENVIRONMENT

05

2011



INTERSOLAR

REW Istanbul

Baltic Business Arena

Riga Food 2011

Technology Searches

- Whole snacks with high content in fibre, micronutrients and essential aminoacids
- Efficient depollution system for industrial and urban water
- Elimination of foul-smelling emissions by the use of biofilters
- Wind Turbine increasing the efficiency for the exploitation of natural wind resources



MAKE CONTACT WITH TECH MATCH

Make new contacts with TechMatch

TechMatch is a free information service, which includes a selection of technologies 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.

TechMatch is produced by Nordic members of the Enterprise Europe Network – the world's largest business network.

Interested in a new technology?

If you're interested in one of the technologies or events, or wish to get in contact with one of the companies in TechMatch, please contact one of our consultants. Remember to quote the reference number!

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



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TECHNOLOGY SEARCHES

Infrared technology for disinfestation, sterilization, drying, seed de-germination and deodorization for the agro-food, beverage, pharmaceutical and cosmetic industries

(Ref: 11 GR 49R1 3KQA)

A Greek SME offers energy-efficient and environmentally-friendly infrared-based solutions for the drying, disinfestation and sterilisation of products and raw materials. The SME is interested in a commercial agreement with technical assistance.

Multifunction counter for cooking and concentrate in vacuum-packed and sterilization system for the bottled products

(Ref: 10 IT 53U8 3K4T)

An Italian company, having consolidated experience in technologies for the agro-food sector and working with many companies all over Italy and Europe, has developed a multifunction counter for cooking and concentrate in vacuum-packed and sterilization system for the bottled products. Commercial agreements with technical assistance are sought with partners interested in using their innovative equipments.

Innovative equipment needed for foodstuffs transformation

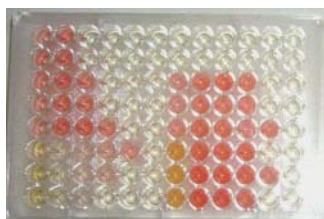
(Ref: 10 IT 53U8 3K53)

A small Italian company operating in the food sector, in particular in the transformation of truffles, mushrooms and vegetables is looking for equipment/procedures useful to improve the products transformation. The technology requested should be ready to be tested or fully developed. Moreover the company is available to match entrepreneurs to start up new business for the production of its items and to participate in other business activities in the food sector.

Fast and high-throughput technology to evaluate the efficiency of preservatives in food and cosmetic sectors

(Ref: 10 FR 38n0 3K1V)

A French SME, expert in complex carbohydrate analysis, developed a fast and high-throughput technology to evaluate the efficiency of preservatives in food and cosmetic sectors. Main advantages are: shorter working time, automatable, high-throughput, require only small samples. The company is looking for commercial or a technical co-operation agreement to develop the technology to specific needs.



Selective transformed Infrared for baking processes

(Ref: 11 DE 094I 3KW9)

A German SME developed a new infrared technology for baking processes. It enables savings of time and energy as well as quality improvement within baking. The technology is ready for the market and can be used in deck ovens, rack ovens, in-store ovens, and tunnel ovens, based on electric energy, natural gas and thermal oil. The company is looking for industrial partners interested in technical cooperation and/or commercial agreement.



Reducing Campylobacter jejuni in Broiler Chickens

(Ref: 11 US 87GA 3LOC)

A large US company is looking for proposals for a safe and effective method to significantly reduce the numbers of Campylobacter jejuni in broiler chickens destined for human consumption. They are interested in supplier agreement, licensing, contract research, proof of concept leading to scale up to manufacturing, joint development.

Whole snacks with high content in fibre, micronutrients and essential aminoacids

(Ref: 11 ES 27F4 3KRQ)

A Spanish public research organisation has developed a snack with a high content in fibre, micronutrients (Fe and Zn) and essential aminoacids (lysine and methionine) using a mixture of whole grain flours from corn or rice, and wild Vicia and Lathyrus legumes. The snack has good organoleptic properties and is suitable for celiacs. Food companies to develop and commercialize the snack under a patent licence are sought for.



Dewatering press requested for bran/water mixtures

(Ref: 11 ES 27F4 3L3S)

A Spanish company is looking for a press system in order to dewater a paste of bran/water (55% moisture content) up to less than a 30% moisture content. They are seeking for companies that can offer them this technology in order to sign a commercial agreement with technical assistance or a technical cooperation agreement.

Automatic tray dispenser well-suited for access control in self-services and school canteens

(Ref: 11 FR 32j2 3KPY)

A French SME has developed a patented product ideal for use in cashless systems and to provide a simple control of admittance. The machine is used to manage admittance in self service. Currently used in school cafeterias, the equipment can be used in the corrections and healthcare industries. The company is looking for cooperation with partners able to provide their catering software and complete their offer with its product, including maintenance on site.



Robot for fast and precise vision-controlled cutting of meat and other food products

(Ref: 11 DE 0855 3L7U)

A small German company specialised in machine vision has developed a new robot for cutting meat or other food products in a very fast and precise manner. The robot is equipped with a camera system which views the product in three-dimensional and colour vision at the same time and transmits this information to the cutting device. Up to 1200 units per hour can be processed. Food processing companies are sought for commercial agreements with technical assistance.

100% recyclable packaging that increases food shelf-life

(Ref: 11 IT 56Z6 3L4S)

An Italian SME developed an innovative packaging suitable for contact with food, mainly made of calcium carbonate, talc and titanium dioxide, hold together through HDPE (high density polyethylene) resins and other components able to bestow its special curative function on the food. The packaging considerably increases the food shelf-life. The company is searching both technical and commercial cooperation.

Packing for multicomponent drinks

(Ref: 11 RU 86FG 3KQZ)

Innovative SME from Yekaterinburg, Russia offers an innovative packing for multicomponent drinks comprising a container installed in the bottleneck. The container allows the user to mix the drink components instantly just by clicking on the cap. This design allows preserving the taste and useful properties and ensures a long storage of the drink without synthetic additives or preservatives. The company seeks industrial partners for joint venture agreements and further development of the product.

Solution for sterilization and/or aseptic dosing of small Dry food inclusions in Dairy matrix

(Ref: 11 ES 252K 3KQS)

A large Spanish food manufacturer is looking for a technology to sterilize dry food products (inclusions) and dose aseptically in a fresh dairy product (neutral pH, non acidic). The main objective is to avoid contamination of the fresh dairy product. Partial solution (either sterilization or dosification) can be proposed. They are looking for technical cooperation, manufacturing or commercial agreement with technical assistance.

A waterproof and resistant wooden overpack for food or other use

(Ref: 11 FR 32j2 3KNZ)



A French SME has developed a wooden overpack system with good properties that can be used for food. The company is looking for an industrial partner with a commercial network and with performing plastics packaging manufacturing equipment to cooperate under a license agreement.



Innovative research capabilities on the effect of food/ food components on cognitive performance, appetite/ satiety, weight control, glycaemic response and health & wellbeing

(Ref: 11 GB 4200 3L6Q)

A leading research group at a UK University offers expertise and facilities for research on the effect of food/food components on cognitive performance, appetite/satiety, weight control, glycaemic response and health, stress & wellbeing. The University seeks collaborative research partners/funding and/or consultancy opportunities (technical cooperation etc) from businesses or academia working in the area of food and drink, nutrition, health and wellbeing and/or consumer products industry.

Technology and equipment for integrated processing of corn raw materials

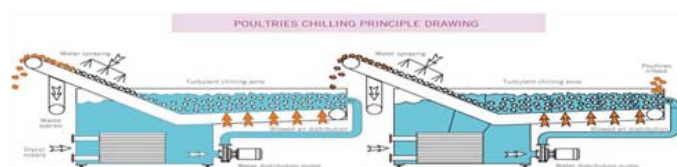
(Ref: 11 RU 86FG 3L4D)

A Russian Research Institute from Moscow region designed a technology and equipment for integrated profound processing of corn raw materials. The technology allows obtaining concentrates with a balanced protein-carbohydrate composition that can be used as a base for producing functional foodstuffs. The equipment can be used for setting up low-capacity manufactures. The research team is looking for technology cooperation, manufacturing or commercial agreement.

Very fast chiller of poultry for use in the meat processing lines of agrofood industry

(Ref: 11 FR 34K2 3KEI)

A French engineering company designs and develops industrial equipment for processing food products. The SME has patented new equipment to quickly chill poultry from 40°C down to 4°C in only 30 minutes per kilogram of meat. Moreover this chilling system is energy-effective and ensures low water consumption in the process lines combined with a high level of sanitary safety. Manufacturers of agrofood processing equipment are sought for a Licence agreement and know-how transfer.



Technology for production of functional foods based on brown algae

(Ref: 11 RU 86FG 3L4A)

A Russian innovative SME from Moscow region has developed a technology for production of functional food based on brown algae. The suggested food products are designed for people suffering from cardiovascular disease, type 2 diabetes and diseases of the gastrointestinal tract. The company seeks partners for a joint venture agreement.

Water jet cutting tool for food industry

(Ref: 11 FR 32I9 3KE8)

A French SME developed an innovative water jet cutting tool. The machine can be used for various kind of food product (bakery, cake, toast, fresh or frozen). The main advantages are the infinity of possible shapes without any die and the easiness to clean the device. The company is seeking for a commercial agreement with technical assistance with a high selling capacity partner and also technical cooperation in hydraulic and mechanical maintenance.



Curd mould pressing machine for the production of cheese

(Ref: 11 ES 24E1 3KWM)

A Spanish research group has designed a machine for the pressing of curd moulds for the production of cheese built in modules, each one including two or more independent presses in different levels. The aim of this technology is to solve the problems set by great capacity mechanical presses, which can be adapted to any production volume and can press a variable number of moulds in each pressing operation. The group is looking for partners for testing the technology.

Automation of packaging and handling of food packings

(Ref: 11 FR 36L7 3KSG)

A French SME is looking for skills for (semi)-automating packaging and handling of pieces (food packings) at the end of an injection-moulding production line. The need is a feasibility study in order to define the specification of the future equipments. The production yield is expected to achieve up to 1 million food trays/day. Technical cooperation is sought.

Seeking high quality, innovative tea bag manufacturer

(Ref: 11 FR 32I9 3L2X)

A French major agro-food company is searching for a herbal / tea bags manufacturer with flexible production capacities for a technical cooperation leading to the development of innovative tea bags. The partner sought must have required skills and processes to maintain the quality of the leaves. In addition, the company has to be able to adapt its process tool to produce and fill the innovative tea bags to be developed.

Procedure and culture means for the identification of cocci and Gram positive bacilli altering food, beverages or drugs

(Ref: 11 ES 24E1 3KWF)

A Spanish research group has developed a procedure for the identification of cocci and Gram positive and/or negative bacilli altering food, beverages, cosmetics or drugs. It provides a procedure and culture medium for the identification of cocci and Gram positive and/or negative bacilli altering food, beverages, cosmetics or drugs present in samples whether clinic or veterinarian, food -animal or vegetal-, water, soil, atmosphere and any kind of samples. Available for Testing & licence agreements.

Food protein hydrolysates as antiviral agents in aquaculture

(Ref: 11 ES 28G2 3KXL)

A Spanish public research organization has generated hydrolysates and peptides derived from milk proteins applicable as antiviral agents against viruses of farmed fish. They are obtained from milk

casein by enzymatic hydrolysis and show strong antiviral activity combined with very low toxicity. Moreover, production costs are low and they can be included in the fish feed with no risk for human consumption. Veterinary (feed or drugs), aquaculture or food companies are sought as patent licensees.



High starch content and amylose rich starch genetically engineered crops

(Ref: 11 ES 29h4 3L1S)

A Spanish biotechnology company, whose main activity is the generation, transfer, exploitation and commercialization of innovative agro- biotechnological industrial property and know-how, has developed a technology which allows to obtain plants showing increased starch levels and amylose rich starch. The company seeks to out-license this technology and/or engage in joint projects for further development.

New culture medium for the identification of *Dekkera bruxellensis*/*Brettanomyces bruxellensis*

(Ref: 11 ES 24E1 3KWG)

A Spanish research group has developed a new culture medium for the identification of *Dekkera bruxellensis*/*Brettanomyces bruxellensis*, which contaminates food, beverages and utensils used in handling, processing or packaging of food and beverages. Fast and reliable identification of these yeasts can avoid the deterioration of the contaminated products and the subsequent economic losses. The research group is looking for partners for testing the innovation.

Nutrition Analytical Service

(Ref: 11 GB 46P4 3KRH)

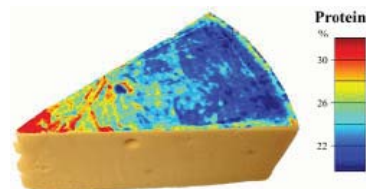
A commercial arm of a research group at a Scottish University is offering a wide range of analytical skills and expertise. Internationally recognised as a centre of excellence for nutrition and lipid analysis, the labs are equipped with state-of-the-art facilities for a range of analyses including the automated extraction & purification of organic contaminants from complex matrices. They offer Quality Control and technical cooperation with aquaculture, food, clinical, and research organisations.

A complete solution for quality control of products and monitoring of raw material in the food industry

(Ref: 11 SE 67CM 3L7I)

A University spin-off SME-company from Northern Sweden has developed a mobile at-line decision support system for production. The system uses hyperspectral image data to monitor chemical

content and surface distribution in real-time. They are now looking for commercial agreements with companies in the food production industry, interested in improving their quality control precision and production process efficiency.



AGRICULTURE & ENVIRONMENT

Biodegradable flower pots with organic fertilizer included, made of potato starch

(Ref: 11 FR 33j7 3KND)

A French SME has developed biodegradable flower pots, made of potato starch. Organic fertilizer is included in the material. Other raw materials like coffee dregs can be used. The SME is looking for industrial partners to adapt this innovation to local needs, to develop local market or for specific demands. Licensing or commercial agreements with technical assistance would be considered.

Combined Solar Generating & Bulk Water Distillation Treatment Systems for large water supply & renewable energy projects

(Ref: 11 GB 4201 3KN5)

UK based company manages, develops and finances, the specification, installation and operation of locally developed, large scale, bulk water purification systems for national water infrastructure projects. The organisation is seeking partners across Europe, China and America to assist with development and support, enabling the company to specify, install and operate their large scale water purification technologies that eliminate the high running costs of desalination systems.

Low-cost technology of mortification organic and lipid compounds in sewage

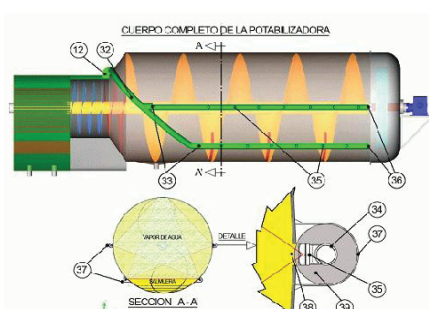
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Compressed water vapour water treatment plant

(Ref: 11 ES 22C4 3KNQ)

A Canarian inventor has developed a system for making sea water drinkable by means of the compression of water vapour. The water is introduced into a tank by means of a worm gear, which carries out the compression of the water vapour in a tank in which there is a worm gear. It is possible to manufacture it in various sizes and it is even portable. The system can be applied in hotels, sports complexes. The inventor is looking for a licence agreement, commercial agreement with technical assistance.



Eco-friendly technology of manure utilization with ammonia reduction in pigsty and cowsheds

(Ref: 11 PL 63AV 3KI7)

Polish SME has developed innovative technology based on selected bacteria and immobilized enzymes used as a catalyze. Technology is already on market and has been tested by clients. Technology improves animals' health and size through ammonia reduction in pigsty. Company is operating on European market since ten years and it's looking for a partner to cooperate through commercial agreement with technical assistance or joint venture.

Duplication of Work in Simple Time - Electronic Drawbar for Agricultural Machines

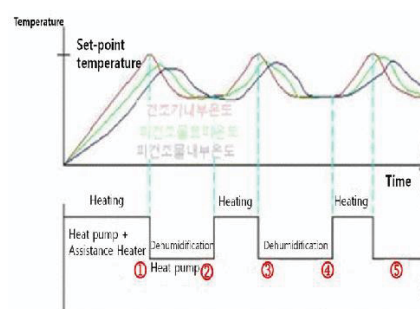
(Ref: 11 DE 1380 3L2T)

A large German Research Institute has developed an electronic drawbar for agricultural machines (e.g. tractors) effecting a duplication of work in simple time. The effective use of autonomous machines like this could create a financial advantage especially in countries with large agricultural areas. This technology is applicable especially in forest shaft and agriculture or in car industry. The institute is seeking either a license agreement or a technical cooperation.

Heat pump for drying machine

(Ref: 11 KR 9A9E 3L4B)

A Korean company has developed a heat pump technology which applies to typical drying machine. TECHNOLOGY is a heat pump equipped with drying machine in sealed typed air circulation to enable it a faster drying. It improves drying efficiency by 30% compared with existing heat pump, and 50% fossil energy used drying machine. The company is looking for the overseas business partners for license agreement and investment.



Desalination and potabilisation of water using solar energy

(Ref: 11 IT 56Z4 3L5C)

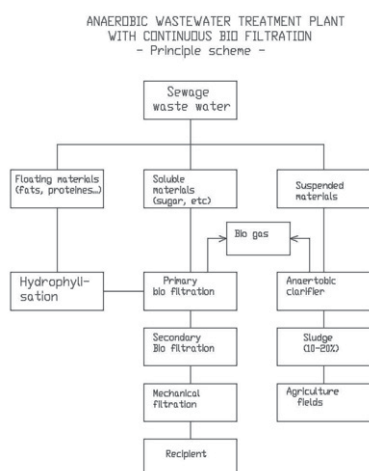
An University Spin off company has developed a new technology for producing drinkable water from undrinkable waters, with elevated salt concentration, or polluted waters with the sole use of solar energy. The solar still can be easily moved and located in any territory subject only to the presence of the sun with a contained cost of installation. This company is already adapting the system in new plants around the world and it is interested to establish new technical and commercial agreements.

AGRICULTURE & ENVIRONMENT

System for waste water treatment with continuous bio-filtration and without energy consumption

(Ref: 11 MK 82EX 3L5T)

A small research company from Macedonia has developed a system for sewage and industrial wastewater treatment. System uses novel method for anaerobic fermentation system combined with bio-filtration, that offers shorten retention time, better purification efficiency and gas production. The company is looking for companies involved in wastewater treatment for technical cooperation, licensing agreement or commercial agreement.



Dewatering of digestate sludge for pelletizing purposes and fluid treatment for reuse or direct discharge

(Ref: 11 LU 70DB 3L55)

A Luxembourg company active in the field of wastewater treatment has developed a new system for the treatment of digestate resulting from biogas production. This system contributes to the protection of natural water resources and generates cost-savings regarding fresh water expenses and wastewater disposal fees. By means of this system, the fluids from the digestate can be re-used or directly discharged. The company is looking for commercial agreement with technical cooperation.



Pellets resulting from digestate treatment

Innovative animal manure recycling system

(Ref: 11 LU 70DB 3KZP)

A company from Luxembourg develops and manufactures manure recycling systems, particularly suitable for large farming installations. These innovative systems convert animal manure into heat, electricity, clean water and solid organic fertilizer. The Luxembourg company is looking for partners ready to integrate this technology in their product portfolios.

Efficient depollution system for industrial and urban water

(Ref: 11 ES 27F4 3KUN)

An Andalusian SME offers effective and high-quality wastewater solutions adapted to the polluting load of different types of wastewater effluents. The system deals with problems generated by agroindustrial effluents and other human activities. The company is looking for several types of collaborations.

New Composter for Animal by-products originated from aquaculture

(Ref: 11 ES 27F4 3KV9)

An Andalusian research group has developed a novel composter which enables the commercial value of the dead fish to be realized in situ at the aquaculture production installations. Its main advantages are that the compost obtained does not smell, the plant is autonomous and it is made suitable for working in isolated areas. The group is interested in achieving a licence agreement or a Technical cooperation agreement.

Surplus sludge reducer for municipal and industrial wastewater treatment plants

(Ref: 11 ES 27F4 3KS9)

An Andalusian SME has developed different highly innovative products based only on natural organic and inorganic components with a strictly defined composition. Developed and designed for the use in municipal or industrial wastewater treatment plants using activated sludge systems without anaerobic digesters. The products substantially reduce sludge production and stabilize the biological treatment process.

Technology for improvement of fermentation processes and elimination of odors in sewage treatment, composts and landfills

(Ref: 11 PL 63AU 3L62)

A small Polish company has developed special compositions of microorganism's strains useful at sewage treatment plants, composts and landfills. The microorganisms are mutually reinforcing, replacing rotting, eliminating mold, initiating or stabilizing the fermentation processes, accelerating mineralization in the process of composting. Company is looking for partner interested in introducing of the technology and research influence of the technology into improvement of wastewater treatment.

Water filtration module adapted to small treatment units

(Ref: 11 FR 36M0 3L58)

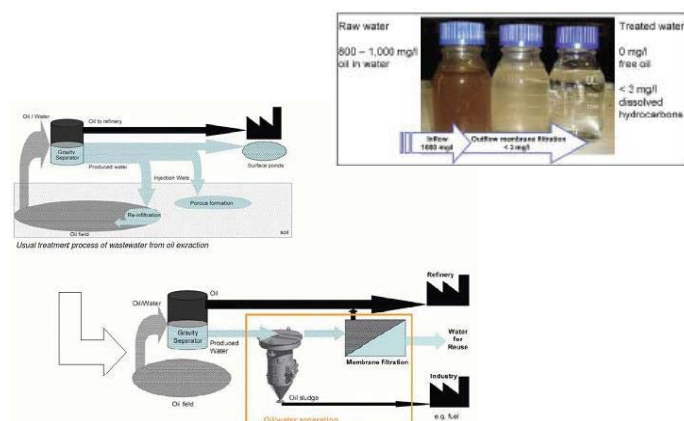
A French company, expert in biological waste water treatment, is looking for an industrial partner able to provide marketable, robust, easy to maintain and cost effective ultra filtration modules for water treatment.

AGRICULTURE & ENVIRONMENT

System to remove free oil, suspended solids and dissolved hydrocarbons from produced water resulting from oil production

(Ref: 11 LU 70DB 3L56)

A Luxembourg company active in the field of wastewater treatment has developed a new system for the treatment of produced water resulting from oil extraction. This system allows to remove free oil, suspended solids and dissolved hydrocarbons for further processing. The cleaned water can be re-used for infiltration to deliver crude or directly discharged. The company is looking for commercial cooperation with technical assistance.



Elimination of foul-smelling emissions by the use of biofilters

(Ref: 11 ES 27F4 3L6N)

An Andalusian spin-off has developed a technology of bio-filtration (trickling filters) for the elimination of bad odors in the air. The process consists in a transformation carried out by microorganisms as an alternative to other physical and chemical processes. This technique allows removing sulfide and reduced sulfur compounds (methyl mercaptan, dimethyl sulfide and dimethyl disulfide) generated primarily in sewage stations. The company is open to several types of collaboration.

Waste Sludge Stabilization And Conditioning

(Ref: 11 TR 98OF 3KPJ)

A Turkish company has developed a system that is designed to dry, condition and disinfect the excess sludge from waste water treatment plants using exothermic reaction of dehydrated lime with water under pressure. The heat and pressure maintained in the reactor will destruct the microorganism cell and pathogens will be destructed. The company seeks partners working on waste water treatment and biogas production to implement the such system to the field and joint development.

Technology for industrial production of microalgae biomass in a vortex aquareactor in order to produce biofuel

(Ref: 11 RU 86FG 3KN2)

A company from the Science Town of Koltsovo (Russia) developed a technology for industrial production of microalgae biomass by means of a vortex aquareactor in order to produce biofuel. The developed reactor is free from disadvantages of other systems used for cultivation of microalgae like low productivity, chaotic mixing, algae injuring, overgrow of light accepting surfaces with algae, etc. The company is interested in license or manufacturing agreement, or a joint venture.

Total Energy Solution: Harvesting, Storage and Use

(Ref: 11 GB 4407 3KMV)

An award winning London SME is developing a high efficiency water splitting device which when combined with fuel cell technology provides on-demand renewable energy requirements via micro-generation and the use of hydrogen gas, is looking for partners with complimentary technology, i.e. PVs, wind generators or fuel cells to co-develop the system. They are also looking for partners to help apply for funding for a pilot scheme to recycle and recover energy.

Process equipment to convert biomass wastes to refined biofuels using next generation technologies

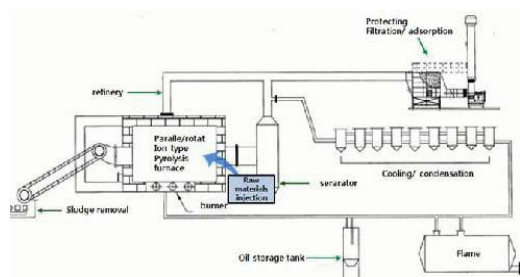
(Ref: 11 GB 41n7 3KQ3)

A UK company offers a patented and proven biofuels conversion technology to all countries across Europe. The technology allows low grade fats and oils or even 95% free fatty acids to be converted into distilled and fractionated hydrogenated biofuels, including diesel and jet fuel. The company seeks commercial agreements for new production plants and for upgrading existing biofuel plants. The company may also consider offering sub-agencies to suitable European partners.

Diesel oil abstracted from package wastes

(Ref: 11 KR 9A9E 3L4G)

A Korean SME has developed a new producing device of light oil. TECHNOLOGY is a reclamation manufacturing method, converting into diesel oil package waste such as foil, synthetic resins such as polyvinyl chloride, etc. It improves product yield of 75% to 120% and provides pyrolysis of wastes at low temperature. The company is seeking industrial partners to license agreement, technical cooperation, manufacturing agreement, commercial agreement with technical assistance, and financial resources.



Vertical axis wind turbines

(Ref: 11 KR 9A9E 3L4E)

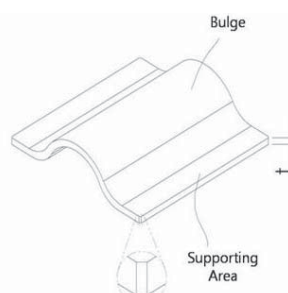
A Korean company has developed a vertical axis wind turbine for wind power generation. INNOVATION is a wind generator operating at low wind speed, so as to utilize both drag force and lift force simultaneously for a rotation. INNOVATION operates at low wind speed therefore benefits high generation efficiency. The company is interested in scientific technical cooperation and commercial agreement with technical assistance. Partners interested in testing of new application, quality control are sought.



Solar cell siliconwafer

(Ref: 11 KR 9A9E 3L45)

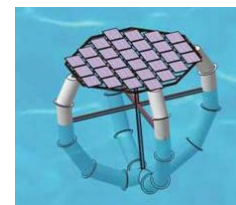
A Korean SME has developed a new manufacturing method of siliconwafer slicing for ultra-high efficient solar cell. TECHNOLOGY is a manufacturing process to produce siliconwafer using conventional production line. TECHNOLOGY increases in conversion efficiency over 50%. The company is looking for the dynamic business partners among the solar sell makers and particularly ultra-high efficiency solar cell for license agreement.



Floating solar energy tracking device

(Ref: 11 KR 9A9E 3L43)

A Korean SME has developed a sun light tracker which can be installed in water-environment. TECHNOLOGY is a solar energy tracking device floating in accordance with the altitude of Sun. TECHNOLOGY increase a 140% of energy generation rate, compared with ground-fixed type. The company is looking for industries involved in manufacturing a photovoltaic tracker system. Partners interested in license agreement or joint venture are sought.



Remote control system for the integral management of Renewable Energy systems

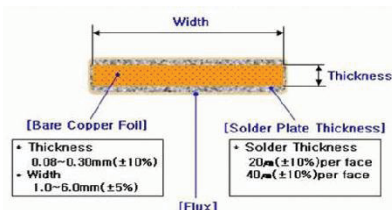
(Ref: 11 ES 27F4 3L5J)

An Andalusian SME with 25 years experience in the field of ICT has developed an innovative remote control system for the integral management of renewable energy systems. This tool is a hardware and open source software solution for the appropriate capture and processing of data throughout the lifecycle of a renewable energy installation. They are interested in technical cooperation and commercial agreement with technical assistance.

Flux-coating solar ribbon

(Ref: 11 KR 9A9E 3L42)

A Korean company has developed a Cu-Ribbon applied with a flux. TECHNOLOGY is a manufacturing process to enable simplifying the solar-cell-module assembly. TECHNOLOGY gets rid of a coating process, and shortens assembly cycle time. The company is looking for industrial partners to technical cooperation, joint ventures, manufacturing agreement, commercial agreement with technical assistance, and financial resources.



Pellet burner and forced-air furnace system for effective heating of residents

(Ref: 11 SE 67CJ 3KSE)

A Swedish SME in the renewable energy sector has developed a forced-air furnace system for residential heating and usage in e.g. garage, workshops and greenhouse. The furnace operates together with a pellet burner. The furnace operates at high efficiency and requires little space. The burner keeps a steady temperature, is easy to install and maintain. Partners are sought for commercial agreements, marketing, installation on site and technical consultancy.



Shelling machine for Jatropha seeds

(Ref: 11 ES 28G3 3KQC)

A Spanish company working in the field of biodiesel production from jatropha seeds is looking for a shelling (peeling) machine for jatropha seeds. The company is looking for Commercial Agreement with Technical Assistance and licence agreement.

FP7 - NMP 2012 - Rational Chemical design of solar-powered nano photocatalysts for the production of hydrogen fuel

(Ref: 11 GB 42O1 3L8V)

A UK university is working on a FP7 proposal to develop low cost, safe and environmentally-friendly nanostructured inorganic materials for use as solar powered photocatalysts for the production of hydrogen fuel from water. The rational chemical design will result from a strong interaction between synthesis and characterisation of the nano photocatalysts. This will also promote fundamental understanding of key parameters connected to the efficacy of the catalytic materials. EU partners are sought.

Wind Turbine increasing the efficiency for the exploitation of natural wind resources

(Ref: 11 PL 62AQ 3KY5)

Research institute from north-east Poland developed modern wind turbine that can be used in electronic industry and increase energy efficiency of wind energy and convert it into electricity. The aim of the present invention is to create more efficient wind turbine that could be used at lower wind speeds and large, urban areas. Developers are interested in establishing research - development cooperation, in which the partner will provide finance support for further researches.



Technology and equipment for pellets production from vine ropes

(Ref: 11 RO 662B 3KRW)

A small Romanian company is searching for technology and equipment for pellets production from vine ropes. The company seeks commercial agreement with technical assistance.

Environmentally friendly power plant

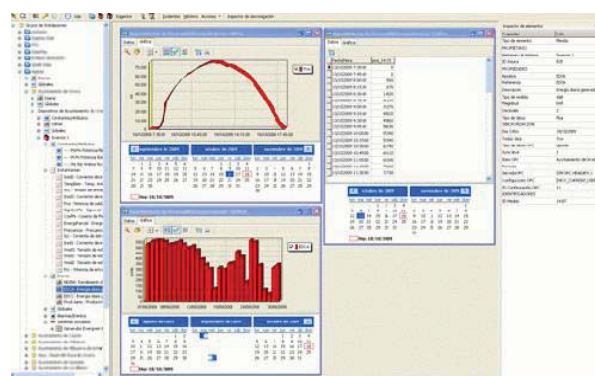
(Ref: 11 HU 50S5 3L3A)

A Hungarian SME has developed a zero emission climate and environmentally-friendly power plant. Its advantage is that it mixes two existing procedures (biodiesel produced from algae together with pyro-gas) and produces 100% green energy. The company is interested in selling their intellectual property.

Monitoring control system for photovoltaic plants

(Ref: 11 ES 27F3 3L1X)

An Andalusian company has developed a specific device designed for monitoring and control of all parameters needed for electricity generation by photovoltaic plants. The company is looking for technical cooperation with adaptation to specific needs.



A large, white, stylized letter 'C' is centered on the page. It is a thick, curved shape that is open on the right side. The text 'FIND NEW INTERNATIONAL BUSINESS PARTNERS' is written in a dark grey, sans-serif font across the middle of the 'C'.

FIND NEW INTERNATIONAL BUSINESS PARTNERS



What is matchmaking?

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

Brokerage Event on Solar Technology

Due to the strong interest in solar technology, the EU Co-operation Unit of Bayern Innovativ, partner in the Enterprise Europe Network, is organising for the first time the „European Brokerage Event on Solar Technology“ in order to support international technology transfer, business co-operations and research.

The event is taking place in the framework of the Intersolar Europe 2011, the world's largest exhibition for the solar industry (June 8-10, 2011).

It aims at initiating business and technology co-operations such as sales and distribution, license agreements, joint ventures, commercial agreements with technical assistance or European research projects by offering pre-arranged bilateral company meetings.

Especially invited are institutions and initiatives that are offering financing and funding services or support for regional and international projects.

Thematic focus of the Brokerage Event:

- Photovoltaics
- Solar thermal

Further Information and Online Registration

http://intersolar2011.b2b-match.com/p_index.php

<http://www.intersolar.de/en/>

**Date:**

9 June 2011

City/country:

Munich, Germany

Sectors:

Energy
Environment protection
Construction technology

Registration:

20 May 2011

Brokerage Event in REW Istanbul 2011

Enterprise Europe Network Istanbul Sabanci University welcomes you to the b2b event to be organized in scope of REW Istanbul 2011.

The b2b event, to be held on 10.06.2011 in Istanbul, Turkey, will be covering environmental technologies such as; solid waste, water and waste water, waste gas and green energy. REW Istanbul offers access brand new business partnerships and potential investors from in and out of Turkey. The event is also a perfect platform for following the industrial stakeholders in Environmental Technologies and sharing information.

Participants from all around the world are welcomed to the event by EEN Istanbul Sabanci University, and all the EEN partners are kindly invited to become the co-organizer of the b2b event.

Further Information

<http://www.een-b2b.org/rew2011/ShowContent.aspx?id=85>

**Date:**

10 June 2011

City/country:

Istanbul, Turkey

Sectors:

Environment
Environment protection
Waste management

Registration:

3 June 2011

International Matchmaking Events

Baltic Business Arena

Expand your International network – explore new ideas and develop business and project opportunities by participating in highly stimulating pre-booked business meetings.

In the Baltic Business Arena we offer you the opportunity to book in advance face-to-face meetings with other companies, research and financial institutions and other ICSB delegates in a specially designed meeting arena. This is a cost and time-effective way to discover new business and cooperation opportunities while expanding your contact network.

Why Baltic Business Arena?

Baltic refers to the Baltic sea – Stockholm being on the Baltic sea coast. It also refers to the EU strategy for the Baltic Sea Region – a large macro economic initiative to save the sea and at the same time develop the already thriving economies around it.

Main topics

- Clean-tech
- Renewable Energy
- Sustainable Construction
- Life Science
- Information and Communication Technologies (ICT)

Further Information

<http://www.b2match.eu/balticbusiness/pages/home>

**Date:**

16-17 June 2011

City/country:

Stockholm, Sweden

Sectors:

Energy
Environment
Materials Technology
Construction Technology

Registration:

20 May 2011

RIGA FOOD brokerage event

RIGA FOOD 2011 is the 16th International Trade Fair For Food Industry, Drinks, Food Processing Technology and Packing International Food Competition.

In 2010 more than 550 exhibitors from 35 countries participated in RIGA FOOD, and more than 35,000 visitors were registered.

This year there is an opportunity to participate in a Brokerage Event organised by Enterprise Europe Network Latvia (Latvian Technological Centre), and kindly hosted by BT1. Also other Enterprise Europe Network nodes are invited to be co-organisers of this event. The Brokerage Event will enable its participants to make fruitful contacts with potential business and research partners from all over Europe, especially Baltic countries.

Participants are invited to publish their technology profiles in an online catalogue. Individual bilateral meetings will be booked in advance and will be pre-arranged and assisted by Enterprise Europe Network Latvia staff.

Who should attend the event?

- Small and medium-sized enterprises, offering or using new technologies.
- Researchers/developers of innovative technologies.

Further Information and Registration

<http://www.bt1.lv/bt1/rigafood/?link=10000000>

**Date:**

9 September 2011

City/country:

Riga, Latvia

Sectors:

Agricultural and marine resources and products

Registration:

A large, white, stylized letter 'H' is centered on the page. The 'H' is composed of two vertical bars and a horizontal crossbar. The text 'TECHMATCH IS PRODUCED BY' is centered horizontally across the middle of the 'H' and is partially obscured by the horizontal bar of the letter.

TECHMATCH IS PRODUCED BY

EDITORIAL

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Facts about Enterprise Europe Network

Who are we?

- 580 organisations
- 5000 experienced personnel
- Activities in 48 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



Business Support at Your Doorstep

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