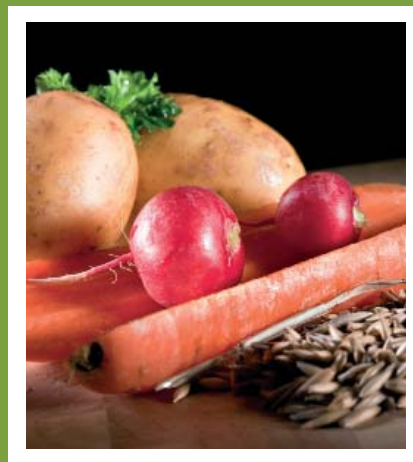
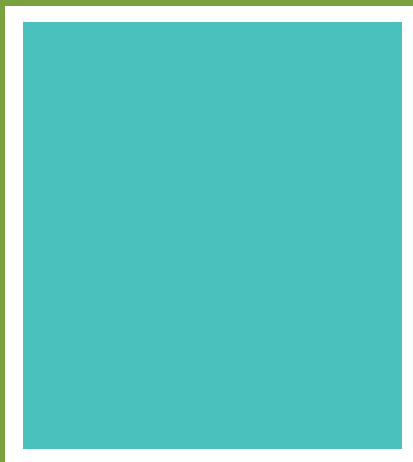
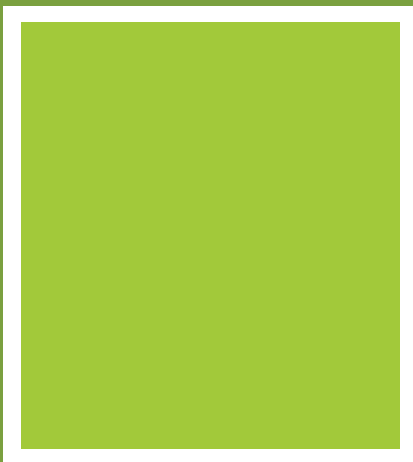
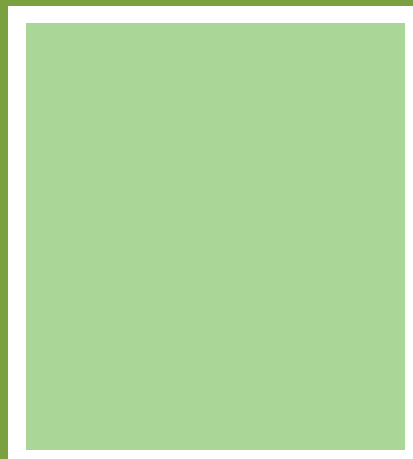


TechMatch

AGRI BUSINESS & ENVIRONMENT

10

2011



VIV'EXPO 2011

Meet Innov

Eco-Match at POLEKO 2011

Pro'Energy at Energaia

Technology Searches

- New technologies in active packaging for the food industry
- Monitoring Development of Aquatic Environments
- Real time amperometric biosensors for agro-food industry
- Development of tobacco based biomass production technology



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?

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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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A large, white, stylized letter 'E' is centered on the page. The letter is composed of thick, solid white bars. The top and bottom horizontal bars are the longest, while the middle horizontal bar is shorter, creating a rectangular frame. The vertical bar on the left is also thick and solid white.

TECHNOLOGY SEARCHES

Probiotic maturing cheeses containing probiotic strains of lactic acid bacteria

(Ref: 09 PL 62AQ 3EYG)

A scientific unit from North-East Poland has developed a technology that lets to substitute non-starter lactic sticks *Lactobacillus* with probiotic cultures in maturing cheese production. This has beneficial effect on the immune system of a consumer. Technology can be used in other products than cheeses. Dairy products with a high number of probiotic cultures are characterized by high pro-health value. The unit is interested in technical co-operation or manufacturing agreement.

Reducing salt, sugar and fats without loss of taste, texture and shelf life

(Ref: 11 NL 60FI 3MJW)

A Dutch R&D institute is offering its unique reformulation solutions to help the food manufacturing industry to reduce salt, sugar and fats without loss of taste, texture and shelf life. The R&D institute is looking for food companies/manufacturers (industry) for technical cooperation.

New techniques sought to replace egg protein (albumen) in foodstuffs

(Ref: 11 GB 42O1 3MLX)

A multinational with a UK R&D arm with interests in a range of food brands seeks new proteins, technologies or processes which could act to replace the use of egg proteins in a range of vegetarian foodstuffs. Licensing of technologies which can be market ready within 2 years is the preferred option but other forms of collaboration are possible for approaches which can demonstrate industrial scalability.

High-tech cultivation and processing of Stevia an alternative for sugar and aspartame in food and drinks

(Ref: 11 NL 60AH 3M2L)

A Dutch company is specialized in cultivating specific plants and has succeeded in propagating of these cultivars in greenhouses in the Netherlands under biologically controlled conditions. Technology has been developed for large scale cultivation and specific know how is available to cultivate and process Stevia, a natural alternative for sugar or artificial sweeteners. The company is seeking for collaboration for the implementation of the crude extract / purified compound in novel foods/drinks.

Automation of Food Packaging System

(Ref: 11 SK 69CW 3MM6)

Slovak company producing typical Slovak cheese is looking for packaging system. Product is now packed manually because to protect its characteristics producer is using only wooden material or aluminum foil for retail sale. The technology requested can either be at the laboratory stage or fully developed.

New technologies in active packaging for the food industry

(Ref: 11 ES 27F4 3MMW)

An Andalusian Technology Centre with expertise in food industry is looking for companies and research groups that provide active packaging technologies for food. This organization is interested in signing agreements for technical cooperation with other agents experts in this technology in order to make new developments in active packaging applied to fruits and vegetables.

Linseed butter and a method of producing linseed butter

(Ref: 11 PL 63AV 3MNT)

Polish R&D institute is looking for companies interested in implementing patented project of linseed butter. The subject of the invention is linseed butter and a method of manufacturing linseed butter. The final product is characterized by lower saturated lipid and cholesterol content compared to classical butter, combined with higher levels of mono- and polyunsaturated fatty acids. The companies interested in the purchase of the licence or the know-how are being sought.

PS-FP7: Food ingredient producers needed for functional food project

(Ref: 11 GB 46P4 3MIU)

A Scottish university is part of a consortium of academic organisations, SMEs and large food companies, developing a project which aims to address health issues by evaluating novel, local bioactive ingredients in marketable food products. They seek: SMEs producing ingredients with potential health-enhancing properties (addressing high blood pressure, diabetes, high cholesterol etc); and SMEs with existing food (or functional food) products (cereal bars, drinks, etc) for redevelopment.

Blancmange (pudding) filling packed into sachets

(Ref: 11 PL 63AV 3MP1)

Polish company from the food industry is seeking a producer of a ready filling of a blancmange type, resistant to the baking, packed into bags (e.g. doy-pack). A producer is searched with the technical capacities for packing the product in aseptic conditions enabling the shelf life up to 12 months. The company is interested in taking the technical cooperation or on the basis of the subcontracting agreement.

Thermic low-energy equipment to ensure the warm chain and improve the quality of hot collective meals

(Ref: 11 CH 84FB 3MMN)

A young start-up located in Switzerland has developed innovative thermic equipments to serve collective meals which prevent disruption in the temperature chain, improve the quality of hot meals and decrease both handling costs and the environmental impact. Compact and multi-functional, these fit small and large infrastructures. A licensing, or a combined manufacturing and commercial agreement is sought to produce the thermic equipment for the hotel / community / transport business.

New technology for obtaining dry milk-protein products

(Ref: 11 RU 86FG 3MQJ)

A Russian R&D institute from Kemerovo developed a technology for making dry milk-protein products, in order to obtain a full-value nutrition through extracting amino acids from biological systems in a new way. The method allows obtaining products with the minimum energy and time costs. The Institute seeks partners for the further joint development.

Bifidobacteria strains with reduced synthesis of acetic acid as starters for production of fermented functional foods

(Ref: 11 ES 28G2 3MR3)

A Spanish public research organisation has isolated a *B. animalis* subsp. *lactis* bifidobacteria strain with reduced synthesis of acetic acid (95% reduction). This allows its use in fermentation starters to produce functional dairy foods with no risk of off-flavours or off-odours, and shall result in a higher number of more stable bifidobacteria than when these are added after fermentation. Partners are sought for license and development agreements.

Seeking to extend the shelf life of ready meals

(Ref: 11 GB 42O1 3MVJ)

A large food manufacturer, based in the UK, seeks new technologies and approaches to extending the shelf life of their meat alternatives and meat free ready meal ranges. They are open to a range of possible solutions that can demonstrate clear benefits over the current "state of the art". Licensing of solutions that are market-ready would be preferred, but support of solutions that are within two years of market will be considered.

Sweets innovative presenting case

(Ref: 11 FR 37M3 3MIQ)

A northern France firm has developed a design and innovative case to pack sweets, particularly chocolates. Made of cardboard, that case is easy to set and is fully recyclable. The firm is looking for partners specialised in the field of cardboard packings to manufacture and commercialize that new kind of packaging.



AGRICULTURE & ENVIRONMENT

Bacterial control of total flora of pig semen

(Ref: 11 FR 37M3 3MQZ)

A French company, specialized in artificial insemination & breeding of animals (especially pigs), is searching a solution for the bacterial control of total flora of the pig's semen. The main issues are the quality preservation of the semen regarding storage. Commercial agreement with technical assistance is expected with company dealing with bacteria tests and insemination.

Industrialisation of the production of pig insemination products

(Ref: 11 FR 37M3 3MQX)

A French company has developed & patented an innovative artificial insemination technique for pig breeding. They are now willing to industrialize their production, and are therefore searching an industrial partner setting & developing special machineries for that purpose. Industry is sought for technical cooperation if a joint development is necessary, or finally sub-contracting agreement for the production.

PS-FP7-Capacities - Research for SME's: Phosphorous and ammonium recovery through wastewater treatment

(Ref: 11 IT 54V8 3MR6)

An Italian University and a Network of Italian SMEs seeks SMEs Partners for a Capacities Project to develop an innovative approach for phosphorous and ammonium recovery through wastewater treatment. The leader is looking for SMEs operating in wastewater treatment, End Users for definition of needs and testing of the prototype.

Quality control of semen for animal insemination

(Ref: 11 FR 37M3 3MQY)

A French company, specialized in artificial insemination & breeding of animals (especially pigs), is searching tools to test the quality of semen. The main issue is the quality preservation of the semen regarding storage. Tools include microscopy and imaging analysis for pourcentage of living semen assessment. Commercial agreement with technical assistance is expected with company dealing with biology and insemination.

Real time amperometric biosensors for agro-food industry

(Ref: 11 ES 26E5 3MQG)

A biotechnology company located in the Basque country has developed a technology to analyze different parameters through Enzymatic Amperometric Biosensors, based on enzymes and antibodies produced by them. The electrode matrix (the Biotest) and the Equipment (the biosensor) with its special design and electronic components are of first class performance. The company is looking for licence/commercial agreement (tech. assistance) with partners from wine, agro food, cosmetics and health industries.

PS FP7 SME- Development of biobased plastics from agroindustrial waste

(Ref: 11 ES 27F4 3MUO)

A Spanish Agrifood Centre is acting as project coordinator for a European proposal related to the development of biobased plastics from agricultural wastes. They are looking for industrial SMEs generating tomato or citrus wastes in their manufacture process in order to take part as partners of this project.

PS: FP7 - REDD Monitor - A software system for monitoring, reporting and verification of activities aimed at reduction of emissions from deforestation and forest degradation

(Ref: 11 GB 41n7 3MVM)

On behalf of a major UK company an East of England company is building a consortium and preparing a proposal for an FP7 project. The project will research and develop a prototype software system for monitoring, reporting and verification of activities aimed at reduction of emissions from deforestation and forest degradation, in particular those which will generate emissions credits, to be traded on the world carbon markets. SMEs and research partners are sought to join the consortium.

PS: FP7 KBBE - Optimised terrestrial farm animal reproduction systems and/or technologies

(Ref: 11 FR 38m5 3M6P)

French research institute specialized in agrofood is looking for SMEs from agrofood industry to build a FP7 project under call KBBE.2012.1.3-04 "Optimised terrestrial farm animal reproduction systems and/or Technologies". The project aims at studying the fertility and the causes of fertility reduction in dairy cows. The SMEs partners are expected to participate in analysis and development of prototypes for decision support system, fertility markers analyser, estrous detector.

A new biodiesel composition with superior properties, from a simple low-energy process, with no toxic methanol, corrosive catalysts, or waste glycerol byproduct

(Ref: 11 GB 41n7 3MLF)

Production of biodiesel is still a complex task with various technical and environmental concerns. A UK start-up has patented and proven a new process to produce higher quality biodiesel in a very advantageous way. The plant is very simple, there are no hazardous chemicals involved, and no glycerol waste. Larger industrial partners who would bring additional resource are sought amongst suppliers of bio-derived alcohols, petrochemicals, or enzymes, for technical co-operation and a market launch.

Design and construction of pilot and demo plants and special test equipment for the energy and process sectors

(Ref: 11 NL 60FI 3MFO)

A Dutch company specialised in designing and realising customer specific installations, machines and equipment for R&D purposes, is looking for partners active in the (sustainable) energy, chemical and process sectors for a commercial agreement with technical assistance. The Dutch company can act as a carrier for innovation for other companies because it offers a combination of 'think and do', 'design and realisation', with decades of experience in the international industrial R&D sectors.

Economical optimization of energy production and load forecasting

(Ref: 11 SE 672F 3MG6)

A Swedish company in the energy sector has developed a software system for energy production. Their software makes the production more efficient which results in reduction of costs for energy producing companies. The company is searching for companies that need professional help in energy production planning. The company wishes to make their software available to end-users through technology transfer and commercial agreement with technical assistance.

Efficient Gasification of Wet Biomass - Converting Contaminated Biomass by a Hydrothermal Process

(Ref: 11 DE 1380 3MMG)

A large German Research Institute has developed a process for efficient gasification of wet biomass. In general wet biomass cannot be used effectively but the new technology provides a possibility of converting contaminated biomass by a hydrothermal process. Moreover it helps to save waste management costs and generates revenue from selling the gas. It is particularly interesting for biotechnology and chemical industry. The institute seeks a license agreement or a technical cooperation.

Technology for production of bioethanol and fertilizer for organic agricultural production

(Ref: 11 DK 20B7 3MF1)

A Danish company is seeking cooperation partners for further development of a technology where biomass is converted into bioethanol and fertilizer for organic farming. The Danish company wishes to establish a consortium, which can develop the technology to pilot plant scale/full scale adaptation, potentially through an FP7 - application if found appropriate.

Flexible technology platform for renewable energy based on a novel method and equipment for processing biomass and other carbon containing materials in global carbon-cycle projects

(Ref: 11 RU 86FG 3MSA)

A Russian innovation company developed and patented worldwide a flexible technology platform comprising a novel method and devices for high-performance and cost-effective processing of organic materials. The company looks for partners for technical cooperation to develop the technology and new applications, as well as to adapt its capabilities to partner's needs within the framework of international commercial and research projects in energy saving, renewable energy and CO2 capture and storage.

Development of tobacco based biomass production technology

(Ref: 11 HU 50S5 3LWH)

A Hungarian SME developed a new source of biogas and biohydrogen production technology. The company wants to use tobacco, as biomass to make bioenergy. The company is looking for partners for the following activities: Preparation of fermentation of biogas and biomass tobacco bio-hydrogen, Fermentation of biomass tobacco bio-hydrogen, Ethanol fermentation of biomass tobacco.

Biomass to Methanol Process

(Ref: 11 GB 40n6 3MQ1)

An organisation based in the South East of England have developed a catalytic process to convert glycerol, the main by-product of biodiesel production, into methanol. The new method is clean and operates at low temperature and pressure. The resulting methanol has application as a fuel and an industrial chemical. The organisation would like to talk to companies in the energy and fine chemical sectors interested in the commercial development of this work.

Catalysts for the room temperature production of hydrogen

(Ref: 11 GB 40n6 3MRD)

A South East England University has developed a catalyst which decomposes formic acid into hydrogen + carbon dioxide at room temperature. Handling of formic acid is easier/safer than hydrogen and there is no need for clean-up thus increasing the life of PEM fuel cells. It can also be used in direct formic acid fuel cells, which could offer a higher electromotive force than PEM or DMFC systems. The University seeks organisations in the energy and related sectors to license the technology.

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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

VIV'EXPO 2011 - B2B Meetings - Methanation/Small wind turbine/Solar power

On the occasion of the VIV'EXPO 2011 Exhibition in Brittany, International B2B Meetings will be organized on the 18th of November on three specific thematics related to renewable energy:

- Methanation (anaerobic digestion)
- Small wind energy
- Solar energy

Companies with expertise, technologies or products in the fields of methanation (solutions for electricity storage, heat networks, treatment of digestate), small wind turbine (height<12m), solar power (thermic or photovoltaic) are invited to participate in the International B2B Meetings to promote their products and services, to find new technological and commercial partners.

Further Information and Online Registration

<http://vivexpo2011.b2b-match.com>

<http://www.vivexpo.com>

**Date:**

18 November 2011

City/country:

Rennes, France

Sectors:

Energy

Registration:

30 September 2011

Meet Innov

Meet Innov is the first International event devoted to innovation-driven companies and institutions, where participants have the opportunity to attend conferences and meet other participants in one-to-one meetings.

The event gathers business leaders, investors, entrepreneurs and innovative people

- To share ideas.
- To promote projects.
- To redefine the keys for business success

Meet Innov is about having the right leadership skills within your company to successfully implement a culture of innovation and entrepreneurship that connects financial value with creative concepts. In its 7th edition, Meet Innov has become increasingly successful. The event is now a reference in the international innovation agenda, with a specific focus on national and international networks.

In 2010, Meet innov brought together more than 400 participants from different countries. The participants had the chance to benefit from more than 1120 one to one meetings. 17 large companies like Microsoft, CEA, Bouygues Telecom, Essilor, Institut Francais du Petrole and Air France Industries were all present at the last edition.

Further Information and Online Registration

<http://www.meetinnov.com/>

**Date:**

8 November 2011

City/country:

Paris, Val-de-Marne, France

Sectors:

Eco-innovation
Sustainable development

Registration:

International Matchmaking Events

Eco-Match 2011 at POLEKO fairs

The latest solutions in the field of environmental protection, representatives of international industry leaders, special areas, specialised conferences and business meetings - all of these will be included in POLEKO International Trade Fair of Environmental Protection, which will be held from 22 to 25 November 2011.

Enterprise Europe Network B2Europe West Poland is organising a brokerage event - "Eco-Match 2011" at POLEKO fairs. The event will take place in Poznan on 23 November 2011 within the INTERNATIONAL TRADE FAIR OF ENVIRONMENTAL PROTECTION POLEKO 2011.

POLEKO is the perfect meeting platform for professionals from the environmental protection industry from Poland and abroad. The extensive display includes separate thematic sectors:

Water, sewage	Waste, recycling
Energy, renewable energy	Air, noise, vibrations
Climate change	Revitalisation, reclamation
Municipal and energy construction	Control and measurement equipment
Environment security systems	Flood protection
Ecological education	Environmental protection consultancy and institutions

Further Information and Online Registration

<http://b2match.eu/eco-match2011>

<http://poleko.mtp.pl/en/>



Date:
23 November 2011

City/country:
Poznan, Poland

Sectors:
Energy
Environment
Environment protection
Waste management

Registration:
7 November 2011

Pro'Energy on Energaia: Technological & Business Meetings on Renewable Energies

Within the framework of the Enterprise Europe Network and the ENERGAIA International renewable Energies Exhibition, the CRCI Languedoc-Roussillon, member of Med2Europe (the Enterprise Europe Network Consortium for French Mediterranean Area) is organizing the Pro'Energy Technological Business Meetings, a Brokerage Event focusing on Renewable energies, Eco-building and Energy efficiency.

In 2010:

- 208 companies and laboratories
- 19 nationalities from 4 continents
- 537 targeted face-to-face meetings
- 109 collaboration projects

Exhibition entrance offers access to:

- the international exhibition: 500 exhibitors and 40.000 visitors expected,
- Energaia' TECH, the new exhibition dspace edicated to research & development,
- Pro'energy, the B2B and technological meetings
- international conferences held on the exhibition,
- and many more events held during Energaia

Further Information and Registration

<http://www.pro-energy.eu>



Date:
7-9 December 2011

City/country:
Montpellier, France

Sectors:
Energy
Environment

Registration:
18 November 2011

A large, white, stylized letter 'H' is centered on the page. The 'H' is composed of two vertical bars and a horizontal bar connecting them in the middle. The text 'TECHMATCH IS PRODUCED BY' is superimposed on the horizontal bar of the 'H'.

TECHMATCH IS PRODUCED BY

EDITORIAL

TechMatch is produced by Agro Business Park, on behalf of the Enterprise Europe Network in the Nordic regions.



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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