



## NewTec Europe

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Ein Service Ihres Enterprise Europe Network Bremen

### Internationale Kooperationsangebote

#### EEN - TECHNOLOGIETRANSFER

Hier finden Sie technologische Kooperationsangebote aus dem Enterprise Europe Network (EEN). Die Kooperationsangebote erhalten Sie unter der Maßgabe, uns ein kurzes Feedback über das Ergebnis der Kooperationsaktivitäten zu geben.

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ermöglicht uns Ihnen die Kooperationsangebote gebührenfrei zur Verfügung zu stellen. Im Gegenzug benötigen wir jedoch ein Feedback Ihrerseits, um unserer Berichtspflicht den Trägern gegenüber nachkommen zu können. Anfragen senden Sie uns bitte mit Hinweis auf die Angebotsnummer (z.B. K14) und die NewTec-Ausgabe.

Für weitere Fragen wenden Sie sich bitte direkt an Frau Wernicke, Tel. (0421) 201 560 oder eMail: [een@een-bremen.de](mailto:een@een-bremen.de)

#### BIOTECHNOLOGIE – MEDIZINTECHNIK

##### Technology Offer

##### K1 - New method for statins synthesis

A Spanish biotechnological company, located in the Granada Health-Science Technological Park, has developed a new technology to produce new compounds with hypocholesteromical activity (statins) by a new simple, cheap and environmental-friendly process. The company is looking for bio/pharmaceutical companies interested in the production of statins or any other kind of compounds.

##### K2 - Method for culture and maintenance of multipotential stem cells and progenitor cells from mammal in undifferentiated state.

An Andalusian research group has developed a new method for the culture and maintenance of multipotential cells from mammal using nitric oxide. The maintenance of multipotential and progenitor cells culture in undifferentiated state present several problems depending of the type, origin, and future uses of the cells. The institute seeks to transfer the technology through entering into license agreements.

**K3 - Repositioned drug candidates with application in multiple sclerosis, epilepsy and potentially other central nervous system diseases.**

A Greek drug repositioning company is looking to out-license two repositioned drug candidates aimed at multiple sclerosis and epilepsy. Both drugs have shown positive efficacy results in animal models. The company is seeking milestone based licensing agreements with pharmaceutical/biotechnology companies for either or both of these candidates.

**K4 - Synthesis of novel taxane derivatives for cancer treatment**

A Spanish university has developed a new method for obtaining novel taxane derivatives using a powerful dienyne ring closing metathesis transformation that allows the preparation of taxane skeleton in one synthetic transformation. The analogues are prepared in a reduced number of steps using an environmentally-friendly method. Taxanes are natural product derivatives with powerful biological properties used in the treatment of cancer. The university is open to any kind of agreement.

**K5 - Synthesis of bioplastics**

A Spanish biotechnological company has developed a new process to produce bioplastics from industrial by-products. This innovative, simple, cheap and environmental-friendly process has been developed and designed using their technological platform. The company is looking for industrial partners to license and/or co-develop this process to synthesize bioplastics.

**K6 - External Quality Controls for Molecular biology laboratory applications**

An Italian SME has developed a series of External Quality Control programmes for molecular diagnostics. All programmes are certified and all focus on quality control of the extremely delicate laboratory applications within the field of molecular diagnostics, and more specifically, in the microbiology, oncology and genetic sectors. The company is looking for joint venture agreements and commercial agreements with technical assistance.

**K7 - Respiratory bacteria: detection of Legionella pneumophila, Chlamydia pneumoniae and Mycoplasma pneumoniae**

An Italian SME has developed an innovative kit. It's a single assay for the simultaneous detection and identification of Legionella pneumophila, Chlamydia pneumoniae and Mycoplasma pneumoniae. Chip system applies four molecular biology techniques: DNA extraction, PCR (Polymerase Chain Reaction) amplification, DNA hybridisation and colorimetric development. The company is looking for joint venture agreement and Commercial Agreement with Technical Assistance.

**K8 - Functional genomics platform for biotechnological projects**

A Catalan SME based in Spain has developed an integrated microarray platform which allows the design and analysis of specific and project-adapted microarrays. This platform contributes to accelerating clinical development and improving the expectations for success by stratifying populations. The company is looking for an industrial or research group partner in the pharmaceutical or biotech sectors for a joint further development.

**K9 - Radiopaque (X-ray visible) biomaterials for clinical applications**

A Dutch company develops radiopaque (x-ray visible) biomaterials for a wide array of orthopaedic and cardiovascular applications. The primary application is as cements for applications in orthopedic, spinal and dental surgery. Secondly, the x-ray visible biomaterials can be incorporated in microspheres for applications in urology, cosmetic surgery, reconstructive surgery, and embolization. The company is interested in joint development towards clinical applications and license agreements.

**K10 - Combined fixation system for bone implants**

A Portuguese University developed a combined system for bone implant fixation (metallic or non-metallic). Due to its geometry, the system allows the implant fixation through two different and simultaneous ways. These configurations, when combined, allow an optimal fixation minimizing the bone losses and the chances for fractures (common by current techniques) when the implant needs to be removed. The University is looking for prosthetics companies and surgery equipment producers for license agreements.

**K11 - Procedure for regulating the production of heterologous proteins controlled by salicylic acid derivatives in microorganisms associated with superior organisms**

An Andalusian Group has developed a method by it can control the expression of proteins in microorganisms using an expression system by derivatives of a compound approved for human use. The system can be set in bacteria that can infect cells of eukaryotic organisms including humans. The institute seeks to transfer the technology through entering into license agreements.

**K12 - Diagnostic kit for Human Papilloma Virus identification (HPV)**

An Italian SME, highly specialised in the production and trading of biotechnology products, has developed an innovative diagnostic kit for Human Papilloma Virus identification. The company is looking for commercial agreements with technical assistance with analysis laboratories and hospitals.

## **K13 - Compounds with neuroprotective properties**

An andalusian research group has developed certain compounds, namely morin or manguiferina that reduce oxidative stress and this property reduces neuronal death and oligodendrocyte effectively in cellular and animal models in neurodegenerative diseases appearing.

## **K14 - G6PD deficiency: Kit for quantitative determination of Glucose-6-Phosphate Dehydrogenase activity on whole blood**

An Italian SME operating in biomedical and veterinarian sector, has developed a kit for quantitative determination of G6PD activity on whole blood (Glucose-6-Phosphate Dehydrogenase). Kinetic, ultraviolet assay of G6PD activity is available on discrete analyzers. The SME is looking Commercial Agreement with Technical Assistance.

## **K15 - Automated multiplex Polymerase Chain Reaction (PCR) detection and analysis for molecular diagnostics**

A Scottish company has developed an innovative platform for rapidly detecting, analysing and interpreting multiplex Polymerase Chain Reaction (PCR) diagnostic tests. The compact automated detection system is extremely quick and simple to use and has been widely adopted by leading clinical laboratories and hospitals worldwide. The company is looking for commercial partners for distribution and co-development opportunities.

## **K16 - Control of the Gene Expression by a transcription attenuator**

An Andalusian research group has developed a system of the heterologous gene expression controlled by an attenuator that inhibits the elongation of the transcription of the heterologous genes which expression wants to be controlled. The use of this system for the amplification of the recombinant proteins expression, ARNs or apolipoproteins in bacterias

### *Technology Request*

## **K17 - Partners sought for phase III Multicenter Clinical trial on Cooperative basis: Invasive Surgery**

Dutch SME with several business units, holds a therapeutic protein in late Phase II human trials and is seeking partners to perform phase III clinical research on a basis of future partnerships. The mechanism of action lies in the segment of both acute and chronic inflammatory diseases. A multicenter phase III is needed in one application. SME is searching for clinical centres to perform these studies and for further collaboration with respect to other therapeutic applications /business units.

## **CHEMIE – MATERIALFORSCHUNG**

### *Technology Offer*

## **K18 - Plastic smart windows based on hybrid electrochromic and Liquid crystal technologies**

A Basque research centre with a long experience in New Materials has focused its research in the development of smart windows based on electrochromism and liquid crystals. The group is looking for technical co-operation with an industry interested in project development and commercialization of the new technology.

## **K19 - New cost effective Highly Diffuse Ceramic Lighting Reflector Technology**

A Dutch SME is specialized in ceramic coating technology. The company developed a cost effective Highly Diffuse Reflective Ceramic Coating (HDRCC) for lighting systems. Most important advantages of this technology are a high reflectance, non-yellowing, inert, stable materials and the possibility to create unlimited design. The Dutch partner is interested in commercial agreements with technical assistance with industries active in reflector design and production.

## **K20 - New anode materials for Solid Oxide Fuel Cells(SOFC)**

A Turkish company developed anode materials for cogeneration of hydrocarbon fuels for solid oxide fuel cells. By this technology, conversion of hydrocarbon fuels to CO<sub>2</sub> can be done in lower temperatures and in a more efficient way. Also with the help of highly conductive Gadolonium Doped Ceria (solid ceramic as the electrolyte), electrolyte resistivity of the cell decreases. The company seeks solution partners interested in further development and testing of new applications.

## **K21 - Innovative composite sandwich product that is suitable for all kinds of applications that are exposed to water/moisture.**

A Swedish company in the southern part of Sweden has developed an innovative and patented composite sandwich product. The product is established in the market as a formwork board and as a substitute for wooden based boards. This means that the products can be used in different kinds of building projects and applications. The result is a lower life-cycle cost than wooden based boards. The company is looking for new applications.

**K22 - Combined chemical and gas resistant barrier membrane for geotechnical engineering projects such as contaminated land remediation.**

An established SME, located in Yorkshire UK, and producer of chemical resistant fabrics and membranes has produced a combined chemical and gas resistant membrane with improved rate of permeation and broader range of resistance compared to existing technology. It has the ability to provide chemical protection for geotechnical engineering projects such as contaminated land remediation. The company are seeking environmental consultants and design engineers to develop new applications.

**K23 - Fuel cell and battery high added value components validation**

A Basque research center helped by an industrial partner is developing polymer electrolyte membrane fuel cells (PEMFC) and Li-ion batteries technology mainly for portable applications. Partners are sought for technical cooperation as manufacturers of novel materials and components for these technologies.

**K24 - Innovative coating for improving the surface quality of glass for example Photo Voltaic (PV) cells**

A Dutch company has developed a new type of glass coating which reduces light reflection and prevents the decrease of light transmission by soiling. The material is specially interesting for increasing the light transmission level of photo-voltaic solar cells. The company is interested in a license agreement and/or commercial agreement with technical assistance.

**K25 - Curved sheet metal products formed out of one piece of material up to 3000 mm's in cross section.**

A Dutch SME is specialized in the development and production by metal spinning of curved sheet-metal work products made out of one piece of material up to 3000 mm's diameter. All kinds of products with a circular cross-section can be produced. Even products with narrowings, like bottle shaped products, can be formed. The company is interested in commercial agreements with technical assistance with industrial and/or engineering companies to develop new products and market applications.

**Technology Request**

**K26 - Wood and liquid wood for the production of lamps**

A Slovenian medium sized company developing and producing lamps is looking for wood and liquid wood solutions that would replace and / or supplement glass and metal parts of the lamps that are now their main input materials. The offered innovative solutions should be at least available for demonstration if not fully developed.

**K27 - Ultraviolet offset inks for plastics**

A Spanish company is seeking for reliable inks for ultraviolet (UV) offset printing on several kinds of plastic materials. The company has tended to use these inks but has had anchoring problems on the material surface. For that reason, the requested inks must be fully developed; resist scratches and heat test, and have a good performance in the UV offset machine. The company is looking for enterprises which provide this kind of material to reach commercial agreement with technical assistance.

**K28 - Recovering Platinum Group Metals from Hydrochloric Acid Solutions**

A large US company is looking for effectively separating and recovering platinum group elements (Pt, Pd, Ru, Rh, Ir) from hydrochloric acid solutions that include impurities and that are derived from ores. They are interested in technology licensing, joint development and contract development.

**K29 - Highly transparent materials and/or converting processes for water permeable food grade packaging**

A UK manufacturer of consumer products is interested in finding novel packaging materials and/or converting processes such as perforation. The resulting material must be visually transparent, with high water permeability, soft feel, be food grade and temperature resistant. Compostability would be beneficial. Solutions are likely to come from industries other than food and are still IP-protectable for consumer goods. Commercial and technical agreements are sought.

## ENERGIE – UMWELT

**Technology Offer**

**K30 - Multi-parametric water quality analyser equipment with data transmission and real-time alarms**

A Spanish company has developed an innovative device for multi-parametric water quality analysis. It consists of a hydraulic circuit with probes corresponding to the parameters to be analysed, measurement equipment with displays and a data transmission system. The device allows to have real-time alarms by means of SMS. The company is open to different types of agreements.

**K31 - Passively acting temperature sensitive device**

The Joint Research Centre of the European Commission developed a temperature sensitive safety device appropriate for shutting down nuclear reactors, industrial processes and combustion engines in cases of overheating. Advantages include passive action, fast response, ease of construction and suitability for a variety of applications (chemical, metal, electrical appliances industries). The device is available for demonstration and the organisation seeks industrial partners and companies for licensing.

## **K32 - Household garbage compactor**

A research group from a Portuguese University has developed a system to compress and compact garbage. It is especially suitable for household waste containers with cylindrical geometry, like most domestic waste bins. They are looking for technical cooperation and license agreements with manufacturers of kitchen/household equipment or garbage storage systems.

## **K33 - Pure gas from wood without N<sub>2</sub>**

A Danish SME has developed a patented alternating gasification plant for wood chips that is able to transfer wood-waste into gas (H<sub>2</sub> +CO +CO<sub>2</sub>), without N<sub>2</sub>, tar and soot. The resulting gas can be used for motors, and as synthesis gas (syngas) for production of liquid fuel. The company is looking for technical cooperation, joint venture or financial resources.

## **K34 - Grid connected solar streetlights**

A Spanish company has developed an innovative photovoltaic streetlight that allows the possibility of grid connection of the energy produced. The lamp is made up of solar panels that generate electric power during the day, which is delivered to the grid generating revenues according to the corresponding subsidies, while at night the streetlight consumes power from the grid at fees of the power company. The company is open to different kinds of agreements.

## **K35 - Green technology to produce eco-friendly transportation pallets**

An Icelandic SME is offering green technology to make eco-friendly transportation pallets. The machine uses 100% recycled paper for the pallets which are lightweight but can hold goods up to 500kg. The company is looking for commercial agreement with technical assistance and also for joint venture agreements.

## **Technology Request**

### **K36 - Small scale Anaerobic Digester**

An SME in N.Ireland seeks a small scale Anaerobic Digestion System. The system should be under 100kw electrical output. They need expertise and designs, or actual hardware. They have the ability to assist with further development of the system.

### **K37 - Research of know-how in the gasification of biomass**

An Italian engineering Company involved in EPC (Engineering, Procurement and Construction) activity in the power generation sector in the range of 0,5 ? 5 MWe, is interested to find a technically proven biomass gasification process (know-how) for the cogeneration of heat and power from solid biomasses to offer to its clients in Italy.

### **K38 - Renewable energy engineering and management, sustainable building and mobility**

A private engineering and consultancy Italian Company search partnership in order to offer professional services and technical support to activities related to energy saving, energy management (rational use of energy), sustainable building, domotics, renewable energy sources (especially activities in PV solar, wind and biomass energies), in the context of ?20-20-20? EU initiative.

### **K39 - Development of flexible polyurethane foams whose hardness degree depends on the pressure which they hold.**

A Spanish Technological Center focus on Furniture and Wood requests collaborations in the development of flexible polyurethane foams with a hardness degree dependent of the pressure that they hold. The main objective of this development is that the foam hardness can be adapted to equilibrate the deformation degree generated in the foam structure by pressure. The Technological centre is looking for a commercial agreement with technical assistance.

## **PRODUKTIONSTECHNIK – VERFAHRENSTECHNIK**

### **Technology Offer**

#### **K40 - Novel encapsulation technology for the transport and controlled release of active compounds in pharmaceutical, agrochemical and consumer products**

A Yorkshire based SME has developed a novel method of encapsulating active compounds for a wide range of products. The technology can provide a high yield, cost effective encapsulated product with good control over the size, permeability, mechanical strength and chemical compatibility of the microcapsules. Novel application areas include cancer treatments and biomarkers for medical imaging. The company is looking for license agreements, technical cooperation or manufacturing agreements

#### **K41 - Improving material properties of metal through careful monitored cold treatment**

A Dutch SME company is able to change properties and therefore quality of existing metal products by applying a careful monitored cold treatment. The process is meant for products with internal stress after processing (such as casting, machining, welding and hardening). The process foresees in restructuring and refining molecular structure which leads to complete stress relieve. The company is looking for new applications within rail transit, turbine and performance engine industry.

## **K42 - Method to produce second generation biodiesel**

A Spanish biotechnological company, through its Industrial division, has developed a new technology to obtain biodiesel from crude glycerine through microbial fermentation. The company is looking for biodiesel producers interested in alternative uses for waste glycerol in order to reach a Licence agreement or a Technical cooperation agreement.

## **K43 - Process for obtaining metal nanoparticles and their use in Raman spectroscopy**

An Andalusian research group has developed a variety of metal nanoparticles from removing salt solutions and corresponding metal cations such as salts of silver, gold, copper, aluminum and palladium. The invention also relates to metal nanoparticles obtained by this procedure, its use in the manufacture of sensors for detecting organic compounds by Raman spectroscopy. The research group is seeking for a license agreement.

## **K44 - New gentle drying technology for temperature sensitive components**

Drying with conventional techniques (hot air drying, freeze drying) often leads to damaging the product. The process a Dutch company designed enables products to be efficiently dried at temperatures close to ambient. This process is particularly interesting for temperature sensitive materials such as vegetables, pharmaceuticals and nutraceuticals. The company is looking for a manufacturer or end user with expertise in development of encapsulated ingredients for a licence agreement.

## **K45 - Micro Beam Collimator**

The Joint Research Centre of the European Commission has developed a micro collimator for compressing X-ray beams for use in an X-ray diffractometer and a method for carrying out high resolution X-ray diffraction (XRD) studies. With this invention no heating effects, no radiation leakage or damages are observed while the system allows the structural analysis of very thin and long samples at high depths. The organisation seeks industrial partners for the licensing of the technology.

## **K46 - Laser welding process for small/medium product series**

A Dutch company developed and built a laser-welding production system for small and medium series. Until recently laser welding technology was only interesting in high-volume production. The new innovative system increases productivity, flexibility and safety since it is designed as an almost uninterrupted process (loading and unloading takes place outside the production cell). The company is looking for commercial agreements with technical assistance.

## **K47 - Internal plasticization of PVC without migration of the plasticizers to the surface improving the mechanical and thermal properties of the material for soft PVC applications**

A Spanish public research organisation has developed a procedure for the internal plasticization of chlorinated polymers, particularly PVC, with dialkyl phthalates (DOP) chemically modified in a way that the covalent linkage to the polymeric chains is allowed and avoid the migration of the plasticizers, improving the thermal-mechanical properties of the material that can be implemented in soft PVC, particularly in biomedical applications and toys for children. A patent license agreement is sought.

## **K48 - Novel apoferritin nanoparticle for drug targeting and imaging**

A Finnish research group has developed a method to produce apoferritin nanoparticles consisting of globular protein cage with a hollow core. Targeting ligands are genetically fused on the particles. Targeting ligands are located in same positions (N-terminus) and thus the quality and the binding properties of the particles are homogenous. Invention can be applied in drug delivery, in vivo imaging, in vitro diagnostics and drug discovery. Partner is sought for developing commercial applications.

## **Technology Request**

### **K49 - Colorimetric Transdermal Sensor for Dehydration**

A US manufacturer is actively searching for a technology that can accurately measure hydration transdermally via a colorimetric indicator. The technology should be cost-effective, with a producible method for initial volumes of 250,000-500,000, and should be proven at the prototype stage as a minimum. The company is looking for a partner with hydration measurement capabilities for future product development.

### **K50 - Machinery to separate and dry grape seeds from grape pulp**

A small Flemish company is looking for machinery to separate grape seeds from grape pulp (stems, seeds and skins) and dry the seeds. A preprocessing equipment for conservation of the pulp beyond the harvesting period is also required. The installation should be able to produce about 50 tons of dried seeds per year. The company is looking for partners offering the required know-how or who are interested in joint development of such installations.

## INFORMATIONSTECHNOLOGIE

### Technology Offer

#### **K51 - Virtual Classrooms for Web-enabled Leadership Training**

A UK-based international training organisation has developed some new technology develop the knowledge and skills of managers, sales and customer service staff to improve their performance at work. Learning can take place remotely as well as face to face and at times which suit the trainee. Partners are sought for further technical work to develop the holographic-based product for local language and cultural requirements across Europe, and to commercialise it on a licensing basis.

#### **K52 - Outsourcing service for ICT solutions**

A Swedish SME offers outsourcing services of Information and Communication technology related research and development. Their offer includes competences within technologies such as IT services, Semiconductor, Hardware, Telecom and Wireless They can take complete responsibility for implementing projects from concept to completion phase. They are looking for commercial agreements including technical assistance.

#### **K53 - System and procedures for calculate the position of the eyelid with regard to the eyeball**

An Andalusian research group has developed a procedure to calculate the position of the eyelid in regard to the eyeball, that comprises the obtaining at least of one electrical activity signal of the eyelid muscle and the position of the eyelid with the modifications on this signal. The institute seeks to transfer the technology through entering into license agreements.

#### **K54 - Techniques or Documents Categorisation and Filtering of spam e-mails**

An Italian University, specialised on Pattern Recognition techniques applied on text categorization, advanced content-based retrieval systems and computer security, offers its technologies on Document Categorisation and Filtering of spam e-mails. The University is looking for Technical co-operation agreements and Commercial Agreement with Technical Assistance.

#### **K55 - New Geographical Information Systems with GPS advanced positioning software developments**

A Spanish company has developed a Web GIS/GPS platform based on positioning systems able to integrate it into an ERP or administrative software tools. This innovative product is an advanced mapping software solution, which permits geographical positioning of any object in a geospatial context. The company is looking for technical cooperation to integrate this development into specific needs, as well as commercial agreements with technical assistance for assembly into new applications

#### **K56 - System delivering data on vehicles' events and activities**

A small company in South East Sweden has developed a system that collects data on events and activities from a vehicle's CAN-system. The data is sent to servers which process it and is then visualised for the end user. The data can be used to monitor fleets of vehicles. The main advantage of the system is that it cost effectively gives the end user an overall picture of vehicles' important activities. The partners sought are companies interested in technical and commercial collaboration.

#### **K57 - Mobile-PC Convergence Solutions in Cloud Computing for enterprises**

A Spanish technological company has developed mobile-PC Convergence technologies in Cloud Computing for enterprises. It is a suite of technologies that improves enterprises' security and productivity: backup of mobile handset agenda, remote access to corporate documents, remote data wipe of mobile handset, Mobile-PC communities: issues registration solutions in real time for insurance, energy, etc. The company is looking for partners to sign license and joint venture agreements.

#### **K58 - Mobile phone collecting informatics tool for recycling**

A French company provides an innovative informatics tool of WEEE tracking (WTT: WEEE Track & Trace) to organisations of the cellular phones recycling industry; such as retailers, network operators, manufacturers, on line web site, recyclers. That web based ready-to-use tool allows any organisation to organize on line / off line mobile phones collecting or to subcontract local recycling activities. Partners are sought for commercial agreement with technical assistance or license agreement.

#### **K59 - Location Information Mapserver**

A Hungarian SME developed an interactive geoinformation system with individual maps. The system can create a unique and efficient map management platform from standard external vector GPS data. The system provides a fully customizable method for configuring unique contents and usage. This feature makes the product stand out from the range of free cartography systems available in the market. Cooperation partners for technical cooperation or joint venture/licence agreement are awaited.

#### **K60 - Decision support system for commercial corporations**

A Hungarian SME developed a system for decision support of commercial corporations. The system can effectively manage and analyse data of commercial IT systems. In case of the system developed by the company, book-costs and operating costs are significantly lower than those of similar systems currently available in the market. This is due to the unique development focusing on commercial areas. Cooperation partners for technical cooperation or joint venture/licence agreement are awaited.

## **K61 - Learning Management System**

A Scottish SME has developed a robust Learning Management System (LMS) web solution, with simple to use content management facilities and the opportunity to import course content from other sources. Learners can work collaboratively through video clips, webinars, virtual classrooms, online learning discussions, eMentoring, virtual business meetings and Communities of Practice. The company seeks software resellers for licensing the software or for commercial agreements with technical assistance.

## **K62 - Entering Into Advertisements With 3D Augmented Reality Software**

A Turkish company that is working on image processing and augmented reality developed marker based augmented reality software. Through this software, a book, poster or brochure content can be viewed as three dimensional. The company is planning to adapt this software to e-learning area. It is ready to do technical cooperation.

## **K63 - Business Support System (BSS) - Open Source Solution Provider**

A Swedish SME has developed a new open source framework for BSS products within the telecom and data interconnect wholesale area. Applications cover both traditional wholesale voice products and data services. The market covers international and domestic operations world-wide. The company is looking for commercial agreements and technical assistance for development, prototype testing and commercialisation of the technology.

## **K64 - Bluetooth based real time localisation platform**

Nowadays Bluetooth technology is integrated in the vast majority of the mobile phones. A Dutch sme developed a platform to perform indoor location determination of people based on their mobile devices. This offers a unique opportunity for locating users in indoor environments. The platform implements an innovative architecture and intelligent algorithms for indoor localisation and tracing of Bluetooth enabled devices. The company is looking for partners for further development and licencing.

## **K65 - Active RFID for radio-location and tracking of objects and people**

An Andalusian company has developed RFID solutions for advanced monitoring, objects with their own infrastructure and in areas bounded. This company is ready to do technical cooperation, commercial agreement with technical support and/or joint venture agreements.

## **K66 - Didactic devices for the development of motor activity**

An andalusian group has developed an educational device for children, teenagers or adults whose purpose is to increase motor skills (perceptual, physical, social and basic and specific) and intrinsically develop their creativity motive. The institute seeks to transfer the technology through entering into license agreements.

## **Technology Request**

### **K67 - Ultra-Low-Power Hardware Platform for data acquisition, logging, and transmission**

A Cypriot SME, operating in the field of Communications, is seeking for an ultra-low-power hardware platform to be used in existing embedded applications. The company seeks to collaborate with a reputable supplier of hardware applications. A licence agreement or a commercial agreement with technical assistance partner is sought.

### **K68 - Methodology for Structuring Technology Information**

A large US company is looking for information structuring methodologies. These methodologies must be broadly applicable to the many different technology domains important to the company. Starting with a test case of a few terms in one domain, this project will expand to full coverage of about 15 knowledge domains. They are interested in licensing, joint development, contract research and supplier agreement.

### **K69 - Technology to erase mobile phone memory**

A French company specialized in mobile phone recycling & tracking in the framework of WEEE, is searching a ready-to-use technology enabling to erase the mobile phone memory in a fast and easy way. Commercial agreement with technical assistance, license agreement are sought with companies, laboratories.

### **K70 - Enhanced Radio Signal Location Technology**

A multinational logistics organisation with a UK presence is looking for technology to provide a more accurate location of a radio signal from stolen hardware. The technology should give a better estimate of location to within two metres squared through the iterative processing of signal strength and direction. The organisation is looking for companies with suitable signal detection and processing expertise to quickly develop the hardware and software required.

### **K71 - FP7 Partner Search: APMETS ? Development of a new automated and portable metrological system specially designed for SMEs**

A European consortium is looking for small industrial businesses as RTD performers or final users to develop an innovative automated and portable metrological system. This proposal, to be submitted in the Research for SME Call 2010 (FP7-SME-2010-1), aims to provide SMEs with an automatic, portable and compact system that can take a big amount of highly accurate metrological measures.

### **K72 - Fast and flexible, broad-range cooling and heating system for computer CPU's**

A Dutch SME has developed a cooling solution for computers based on a Peltier element that forces heat from one side of the element to the other. Currently the technology is applied in cooling computer CPU's. The main problem of this product is its high energy use. The company is looking for new technologies both to reduce the energy use and to raise the cooling capacity of

the product. Collaboration is also sought to develop new applications for these elements.

**K73 - Handling LCD (liquid-crystal display) screens and plasma screens**

A Danish recycling company who processes recycled materials into saleable and marketable products is looking for a provider of a technology which can handle LCD screens and plasma screens. The company is interested in a license agreement and/or technical assistance.

**K74 - Threat Recognition Video Surveillance System**

A multinational logistics organisation with UK presence is seeking video surveillance technology that can quickly recognise a possible security threat. The system must be able to quickly recognise and alert staff to the direction and nature of attack. The organisation is seeking partners with video processing expertise to jointly develop and field test a mobile vehicle based system.

**K75 - SAP technologies with useful applications for companies**

A Spanish company is looking for new SAP technologies with useful applications for companies in the fields of finances, administration, logistics, purchases, sales, etc. The technology requested should be fully developed and ready for the market.

**K76 - Data to Aid Lung Condition Assessment**

A UK company has developed hardware and software to accurately record the acoustic output arising from various lung conditions and is now seeking co-operation with hospital or university based research groups possessing databases linking lung sounds with their associated lung disease(s). The company is willing to consider outright database purchase, licensing of information or other mutually agreed procedures.

## AUTOMOBIL – VERKEHR

### Technology Offer

**K77 - Versatile contactless direct drive electrical actuators for linear or rotary motion**

A French company has developed versatile contactless direct drive electrical actuators for linear or rotary motion relevant for strokes up to 20 mm or 170° and for forces or torques in the range of some N or mN.m up to 1000 N or 5 N.m. The company is looking for licensees in the automotive sector.

**K78 - Integrated Yacht Keel Attachment System**

A UK design team has developed an innovative new yacht keel attachment system. It addresses the structural shortcomings of existing yacht design in relation to the attachment of modern high performance keel profiles, which is proven to withstand loads up to six times greater than conventional attachment methods. It also has additional structural & rigging benefits. Partners are now sought for licence agreements to aid the European commercialisation of the system.

**K79 - Computing technology for the development of solutions in mobility**

A Spanish company is specialized in the development of high-level technological solutions. Their own programming system based in high-level languages and XML customization allows them to offer customised solutions according to their clients needs. The company has developed a technology able to create personalized mobility applications for multiple devices. The company is looking for technical cooperation or commercial agreements with technical assistance for new applications development.

**K80 - Noise barrier for railway vehicles**

A Small Finnish company has developed special noise barrier, which can be attached to freight cars or any other railway vehicle. The company is looking partners to manufacture and to commercialize the product.

### Technology Request

**K81 - Rapid Foaming Technology Sought for Intruder Security Applications**

A multinational logistics company with offices in the UK is seeking new technology to prevent theft using a rapid foaming substance. The technology is to be used in enclosed spaces as a last line of defence against theft. The organisation is seeking foam material specialists who can adapt existing technology or have the expertise to develop new technology to suit this purpose. The partner may come from academia, research institutes or commercial organisations.

**K82 - Optimising energy balance on retarder systems for land motor vehicles**

A French company specialised in electronic solutions with long service life and in severe environment is looking for an innovative braking system allowing energy recovery. The company requires partnership for technical cooperation but will consider other proposals.

## LEBENSMITTELTECHNIK

### Technology Offer

#### **K83 - Innovative technology for olive cultivation: Olive Grove in Hedge plantations**

A Spanish company has developed a new technology for olive cultivation by means of hedge plantations. This technology not only allows a quick, easy and cheap machine harvesting, but it also increases the productivity and the quality of the olive oil produced as well. The company is looking for partners interested in incorporating this technology in order to achieve commercial agreements with technical assistance as well as technical cooperation.

#### **K84 - Innovative fish slicer process**

A French company specialized in design, production, manufacture and maintenance of processing machines for the food industry, offers an innovative fish slicer process. The machine performs slicing programs depending on the fillet typology and the required slicing histograms using angle and slicing thickness variables. The slices from this machine have fixed weight and the yield slicing losses= 1%. The company is looking for suitable partners for commercial agreements with technical assistance.

### Technology Request

#### **K85 - Research organisations sought with expertise in food and food related matters**

A leading food research institute in the UK is looking for European research organisations interested in joining an international network of centres for knowledge transfer, information exchange and collaboration in food and food-related industries. The aim is to pool capability to offer a complete research and consultancy service to the food industry and be able to respond, through this network, to any information or expertise request on a food or food related matter.

#### **K86 - Alfalfa for human consumption**

A Catalan agriculture cooperative is a production and a transformer company of alfalfa destined for animal food. They are looking for a partner to improve and enlarge the alfalfa applications in order to obtain an alfalfa product for the human consumption.

#### **New uses of the citrus fruits by products (pulp and peel)**

The Spanish company which requests this technology is an important producer of citrus juices. The company only utilizes oil and juice, the rest of the product (pulp and peel) is used for animal feeding. The company is seeking new uses of the citrus fruit by-products that don't mean a great increase of the cost.

The company prefers to contact with other companies instead of other kind of organizations to reach commercial agreement with technical assistance. The technology must be in the market.

#### **K87 - From winery by-products to added value products**

An Andalusian agrofood research institute active on searching of added-value to wine by-products through environmentally friendly processes. They want to deepen into new applications of wine by-products in the food, cosmetic and pharmaceutical sectors. Active partners from the above mentioned sectors are sought for cooperation. Research/Technological Centers & SME's are welcomed. The types of collaboration sought will depend on the kind of partner.

#### **K88 - Database is Sought to Protect Human Health against Threats of Food Chemicals**

A Turkish research and development company has been developing analysis methods and methodologies against the risks posed for people by chemicals which are the sources of poisoning cases caused by food. This company is seeking a database where they will be able to store and process their knowledge on chemical substances that can have an effect on human health and that are used at production stage. The company is ready to do commercial agreement with technical assistance.

#### **K89 - Cooperation in the development of a robot prototype for picking-up strawberries**

A Spanish Technology Based Enterprise is working in the development of the prototype of a robot for picking-up strawberries. This robot is protected by a license patent. They are seeking partners in machine vision systems, robotics arms, auto drive machines in agriculture and strawberries picking up technology for technical cooperation or commercial agreement with technical assistance according to their capacities and expertise.

## TEXTILVERARBEITUNG

### Technology Request

#### **K90 - Raw materials and innovative technologies for the production of textile printing pastes, inks and auxiliaries**

A Turkish company producing printing pastes and chemicals for the textile industry is searching for new

chemicals which could be used as raw material and innovative technologies for the production of textile printing pastes, inks and auxiliaries. The company is looking for license agreements, technical cooperation agreements

## SONSTIGE

### Technology Offer

#### **K91 - Light weight miniature motorcycle**

A small company from South East Sweden is developing a light weight high specification miniature motorcycle. The vehicle will be used at international competitive level, where the highest technical specifications are required. The main advantages of the vehicle are the robust and lightweight design in combination with its relatively powerful engine. The partners sought are companies and competitive motorcycle organisations interested in technical and commercial co-operation.

#### **K92 - Industrialized modular system for construction**

Spanish company specialized in building which main activity is the building trade has developed a new building system. This technology is an industrialized modular system which allows the construction of buildings and residences. This system is mainly characterized by its versatility, its facility to transport and its assembly. The best word to define this system is saving (energy, time and cost). They are looking for joint venture agreements, technical cooperation, etc.

#### **K93 - Anti-tipping device for sports equipment**

An andalusian research group has developed an Anti-tipping device for soccer goals, handball, basketball, volleyball and badminton poles. The institute seeks to transfer the technology through entering into license agreements.

### Technology Request

#### **K94 - Skin and Hair Analysis**

A large US company is looking for noninvasive techniques to characterize skin and/or hair properties and correlate them to aging. They are interested in joint development, licensing, contract development, equipment and/or software supply.

#### **K95 - PS - FP7-ENV-2010 SME Partner sought for technology validation**

A consortium coordinated by a UK university is looking for research partners for an FP7 project to develop a state-of-the-art and non-destructive technology that can be taken to market for the safe conservation of moveable cultural assets. Partners sought: SMEs who believe they would be able to offer assistance. Applications from Eastern European partners would be particularly welcome, but all would be considered.

#### **K96 - FP7 Partner Search: Social methodology of business management based in knowledge and quality to increase competitive advantage of SMEs**

A European consortium is working in a proposal to build a non-traumatic methodology of management for SMEs based on knowledge and quality. This proposal, to be submitted in the Research for SME Call 2010 (FP7-SME-2010-1), is based in two key elements: Knowledge management and Quality to reinforce competitive advantage. They are looking for SMEs from any eligible country.

#### **K97 - Applying/Painting Liquids onto Fine Details**

A large US company is looking for technologies for evenly painting liquids onto small areas. They are interested in equipment supply, technology licensing and joint/contract development.

#### **K98 - Development of High Temperature TGA Furnace**

A Dutch SME is a manufacturer of laboratory instruments. A major domain of activity is thermal analysis, a group of analytical techniques where the properties of a material are determined as a function of temperature. For one of these instruments, a TGA ("thermo gravimetric analysis"), the company wants to expand the current maximum temperature from 1100 °C up to 1600 °C. The company is looking for a cooperation to realize this new high temperature furnace application.

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Trotz sorgfältiger Bearbeitung erfolgen alle Angaben ohne Gewähr