



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.

Das Enterprise Europe Network Bremen ist ein Projekt der DD - Die Denkfabrik Forschungs- und Entwicklungs GmbH unter der Trägerschaft des Senators für Wirtschaft und Häfen sowie der Europäischen Kommission. Diese Trägerschaft

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

BIOTECHNOLOGIE – MEDIZINTECHNIK

Technology Offer

K1 - Biosensor for quick detection of pneumococcus in body fluids

A Spanish public research organization has developed a disposable biosensor to detect pneumococcus in body fluids, easy to use (a PCR without DNA extraction), fast (a few hours), sensitive (it can detect 100 bacteria per mililiter), reproducible (biosensor of different lots produce highly reproducible signals) and specific (it doesn't detect other streptococcus of mitis group). Partners

from the diagnostics industry are being sought to collaborate through a patent licence agreement.

K2 - Carrier for drug molecules

A North West UK University has developed a novel carrier for drug molecules to enable traditionally non-orally administered medicines to become bioavailable by transport via an intestinal receptor. The developer is looking to licence the development to suitable pharmaceutical companies.

K3 - Green Process Pymozide

A Spanish R&D company established in 1997 as a Technological Centre for the Chemical and Pharmaceutical Industry, with special emphasis on the Fine Chemical sector and with an important influence on the Biotechnological sector, has developed a new process that uses a green solvent readily available with excellent environmental profile (no R phases) reducing the VOC emissions and reducing the fire risk at the industrial plant. They are looking for a license agreement or technical cooperation.

K4 - Supporting device for people with various illnesses and disabilities

Polish company from medical sector developed a supporting device for people with various disabilities (with paralysis) that enables them to use most of home appliances and conduct various activities on their own. The company is looking for partners interested in this type of solutions for disabled. Especially R&D partners and companies interested in application of the technology in medical sector are sought. Manufacturing and license agreements are also possible.

K5 - Therapeutic nursing bed and bath

A Maltese inventor has developed an automated nursing bed that enables hospitalized, injured or special needs persons to receive their bathing regimen, normal hydrotherapy or medical bathing with minimal disruption. He is seeking a partner to manufacture and market this product.

K6 - Technology of bioremediation of soil contaminated with persistent organic pollutants

A Russian SME specializing in microbiology developed a technology of soil remediation from different organic pollutants. The technology can be applied for utilization of wastes and reducing the environmental pollution. The technology ensures a tenfold increase in the effectiveness of soil remediation, as compared to unspecialized general preparations. The SME is looking for a partner for further joint research, testing and adaptation to specific local needs.

K7 - Small molecule protease inhibitors

A North West UK University spin out company has developed novel small molecule protease inhibitors and is looking to licence these developments to pharmaceutical or biotechnology companies with an interest in asthma and related allergic conditions treatment.

K8 - Suite of devices with polarized light for therapy, cosmetic treatment and utilization at home

A small Romanian company realized a suite of devices for therapy using polarized light. Main advantages: the devices have small dimensions and may be used by everybody, without special medical education. Type of partner sought: research institute for technical cooperation, producer for license or joint venture agreement, cosmetic salons for commercial agreement with technical assistance.

K9 - Rehabilitation equipment designed for personalized and monitored knee therapy

A research institute at a Swiss University has developed an automatic equipment to assist knee therapy with the aim to fasten and improve rehabilitation outcomes. Therapists are able to track recovery progress over an easy-to-use interface and to set relevant training parameters for clinical and home therapy. The institute is looking for partners to collaborate in clinical studies and to introduce the product into the market.

K10 - Monoclonal antibody for diagnosis of candidacies and retinopathies

A Spanish public research organisation has developed a monoclonal antibody that detects a protein of *Candida famata*. The antibody detects candidacies and retinopathies in samples from blood, urine, aqueous humour, vitreous humour, and cerebral spinal fluid without interference from other species of *Candida*. The antibody is also useful for monitorization of antifungal treatments efficacy. Pharma and biotech companies are sought for exploitation under a patent licence agreement.

K11 - Nucleoside analogues anticancer/antivirals

A Spanish R&D company established in 1997 as a Technological Centre for the Chemical and Pharmaceutical Industry, with special emphasis on the Fine Chemical sector and with an important influence on the Biotechnological sector has developed a biotech process for the synthesis of nucleoside analogues, is interested in licensing this technology to any pharmaceutical company interested.

K12 - Automatization techniques for processing biomedical signals using machine learning methods

A Spanish research group offers learning techniques in the automatic processing of biomedical signals. The main advantages in this technology are the decreased cost, the time saved and the increased reliability of the results. The group is looking for technical cooperation.

K13 - Nonporous materials for biotech and pharmaceutical applications

A Swedish SME has developed nonporous materials for biotech and pharmaceutical applications such as drug delivery, diagnostics etc. Due to high surface area, novel properties are achieved. They are looking for collaborations with industry or academia for implementation of the material.

K14 - New Method of Brain Scanning

A North West UK University has developed a new technique and methodology for high speed imaging and monitoring of electrical activity deep within the brain using a portable device. The developer is looking to licence the technology to suitable medical equipment manufacturers.

K15 - Microwave system for secret remote inspection of human body in real time

A Russian SME (Saint-Petersburg) has developed a device for stand-off covert inspection of human body in real time. The device automatically detects any dangerous objects hidden under the clothes (weapon, explosive devices, etc.) using active broadband space scanning with electromagnetic UHF radiation. The company is interested in technical cooperation, in order to complete the R&D stage.

Technology Request

K16 - Collaboration partner sought for new technique to develop vascular grafts in vivo

Scientists at a Dutch university medical center have developed a new technique to create autologous blood vessels inside the human body. These vessels can a.o. be used in bypass operations and vascular access for chronic dialysis. Partners are sought for commercialization and biotechnology and/or pharmaceutical partners with expertise in tissue engineering for the joint development of this technique and to perform future studies.

K17 - Partners for Cell-Based Discovery of Artificial and Natural Taste Modulators

A large US company is looking for proposals for partners with expertise and capabilities in high or medium throughput cell-based screening of natural product and/or synthetic compound libraries for compounds that modulate taste. They are interested in contract research and discovery.

K18 - Innovative technologies for the obstetrics gynaecology and fertility market

A Dutch company is specialized in valorisation and commercialization of pharmaceutical products in the field of obstetrics gynaecology and fertility. The main expertise is focussed on testing, implementation and product development. For implementation and the review of new technologies the company makes use of a broad network of gynaecologists in the Netherlands. The company is interested in in-licensing existing and phase III biotechnology related products.

CHEMIE – MATERIALFORSCHUNG

Technology Offer

K19 - Development of new materials by high energy milling

A Spanish group has a wide experience in the development and processing of new materials by Powder Metallurgy (PM). The mechanical alloying (MA) process, or high energy milling, allows the attainment of powders with compositions impossible to produce by other techniques, with improved properties for structural applications, where mechanical properties are the main requirement, and for applications where other specific properties are needed. The group is looking for technical cooperation.

K20 - Technology for obtaining and characterization of various forms of recombinant proteins for research purposes

Protein chemistry laboratory from a Russian R&D institute (Moscow region), having a great experience in protein engineering, developed a

number of approaches for obtaining and characterization of peptides, native proteins and generating of recombinant proteins for further investigations. The authors search for partners interested in implementation of the suggested approaches and joint further development.

K21 - Flexible Silicon Carbide Foundry

A multi-national electronics company based in Scotland (UK) offers its unique expertise and foundry for silicon carbide (SiC). The company has the ability to support technology start-ups through post incubation to commercialisation as well as companies looking to transfer processes to a qualified production fab. The company is developing a high temperature SiC Integrated Circuit process utilising the properties of SiC to achieve high temperature operation above 300°C, with process design aim 450°C.

K22 - New water borne cross linking monomer

A North West UK University has developed a novel water borne cross linking monomer or latex derivative that can be used in a coating to provide more efficient curing of water based emulsions at room temperatures. The developer is looking to licence the production of this monomer to suitable manufacturers of paint and coating materials chemicals.

K23 - High stiffness and low density polypropylene based composite material

A Dutch company developed a composite material, based on polypropylene, available as tape, fabric or sheet. The material can be used to mould or construct various composite applications and components. The material is ideally suited for pressure-forming and has a high stiffness and low density, enabling applications in the automotive sector, consumer products and in components for anti ballistic and blast protection. The company is interested in commercial agreements with technical assistance.

K24 - Novel thin flexible solid state lithium ion battery technology for smart cards, portable electronics and electric vehicles

A UK SME has developed novel materials for reel to reel high volume production of thin film lithium ion cells. Solid state construction requires no separator, eliminating the need for containment of liquid electrolyte. The technology is well suited to next generation smart cards with integrated power source. The cells can also be stacked into safe rechargeable batteries for portable electronic devices and electric vehicles. Industrial partners are sought to develop into commercial products.

Technology Request

K25 - Novel materials, systems and fixings for curtains and commercial window dressings

A UK company acting on behalf of a Spanish manufacturer of curtains and commercial window dressings is searching for novel materials and fixings for improving their functionality. Of particular interest are novelties for the commercial and transport sector, for amongst others smart and vandal-proof materials. The company has resources for further technical development. The nature of the agreement will depend on the stage of development.

K26 - Delaying Film Formation in Waterborne Emulsions

A large US company is looking for proposals for compositions, methods, or technologies that will

increase the window of time water-based emulsions can be worked by delaying the drying process. They are interested in proof of concept leading to joint development, product acquisition and supplier agreement.

K27 - Preventing Bulk Potassium Chloride Caking

A large US company is looking for proposals or expertise in identifying innovative technologies that will avoid 'caking' of Potassium Chloride (KCl). They are interested in licensing, product acquisition, contract research, proof of concept leading to scale up to manufacturing, joint development and supplier agreement.

K28 - Novel materials and processes for functionalisation of non-wovens

A UK company acting on behalf of a Spanish manufacturer of non-wovens is searching for novel reagents and methods for improving their functionality. Also, they are looking for cheaper or more environment-friendly raw materials. The company has resources for further technical development. The nature of the agreement will depend on the stage of development.

K29 - Seeking new nanotechnology membrane materials to reduce membrane fouling

A Technological Centre based in Catalonia, Spain with vast experience in research and diagnosis of membranes for water and waste filtration seeks institutions, companies, etc. to complement its research on new membrane materials for low membrane fouling. The new membrane material or additive will then be used to manufacture exceptional low fouling membranes. The technology can be at the investigational stage.

K30 - Novel materials and processes for webbing, lifting and lashing systems

A UK company acting on behalf of a Spanish manufacturer of lifting and lashing systems, industrial tapes and webbing is searching for novel materials and processes for improving their functionality. The company has resources for further technical development. The nature of the agreement will depend on the stage of development.

K31 - Special polyurethane foam material for door panels production

Polyurethane foam as a material filler in door panels is the perfect solution for new steel gates, doors production in new buildings, houses, etc. A Polish company plans and manufactures complete doorways, gates, double-doorways with all installations ready to use. Inserting frothing polyurethane foam in the metal panels for doors and

gates allows a fast and easy construction. The company is looking for a new foam material for such purposes - very robust, lightweight and inexpensive.

K32 - Seeking Partners for Silicone Polymer Chemistry Research

A large US company is looking for partners and/or sub-contractors for a government-sponsored program focused on silicone polymer chemistry. Experience in waterborne silicone polymer systems is needed. They are interested in joint further development.

K33 - Technology of silicone carbide based composite materials for optical mirrors

A Russian Technology Centre from Saint Petersburg makes research on composite materials (silicon carbide) for development of optical mirrors. The Centre seeks partners for technical cooperation among research institutes and/or technology-based companies for creating silicon carbide optical mirrors.

ENERGIE – UMWELT

Technology Offer

K34 - Chemical heat pump for long-term storage of renewable energy

A Swedish SME has developed a chemical heat pump to store thermal surplus energy from renewable sources in salt. The technology is based on steering this simple, low cost and clean process. The energy can be stored for several days and will then be used to heat houses and water. The system is flexible due to separated reactor and salt storage packages. Partners are sought for further development of the product and designing of a prototype (joint venture) as well as financial resources.

K35 - Technology for evaluation of oil spills impact on sea waters by detecting changes in the microbial biodiversity

A Russian R&D Institute (Moscow region) developed a technology for evaluating oil spills impact on sea waters by detecting genetic changes in the microbial biodiversity in sediments. The technology can be used when in situ bioremediation strategies are to be developed for the clean-up of oil spills in seas. The institute is looking for a partner for further development and adaptation to industrial application.

K36 - Innovative hydro-electric generator technology for wide range of location types

A UK based SME has designed a novel prototype hydro-electric generator suited to rivers, shallow channels, estuaries and tidal situations. The technology is patent pending and a micro-sized prototype has been built. Partners are sought to develop a demonstrator unit for use in real life situations.

K37 - Bio-wastage dry fermentation technology process control

A small Hungarian enterprise with great experience in process control design and engineering has designed a bio-wastage dry fermentation technology process control. The PLC- (Programmable Logic Controller) based measurements and control system has reliable parameter measuring, recording, evaluation and control. The company is looking for partners to use this process control in any relevant facility and interested in further application and co-operating with partners in automation sector.

K38 - Biomembranes for wastewater treatment

A Spanish engineering laboratory for wastewater treatment optimizes the design and set-up of membrane bioreactors (MBR), advised for higher quality of the treated water or to increase the treatment capacity. Companies interested in applying or developing this technology or micro and ultra filtration membrane producers who want to extend their market to water treatment by MBR are sought.

K39 - Biogas plant for manure and/or organic biomass conversion with nutrient recovery and water treatment

A Dutch environmental engineering company has developed a cradle-to-cradle process for manure and/or organic biomass conversion with nutrient recovery and water treatment. The innovative digestion method saves energy and recovers nutrients (Nitrogen and Phosphor). The company is looking for an established engineering firm or company, with general wastewater technology expertise and/or digestion technology expertise. They are open to different forms of cooperation depending on the partner.

Technology Request

K40 - Renewable construction material - design-led improvement of the product

A UK London-based company has developed a construction material based on renewable wheat straw. The product already had better properties than most conventional building materials and excellent environmental credentials. The company is interested in exploring new design strategies to improve the current product or adapt the product to new markets. They are looking for academic or industrial partners with expertise in design to jointly further develop the product for specific needs and new market.

K41 - Recycling Unit to recover valuable materials from 0.5 million tons of steel dust produced annually

An Egyptian company producing more than 50 types of steel grates (long and flat products) is looking for a fully-developed steel dust recycling unit to recover valuable materials from 0.5 million tons of steel dust produced annually.

K42 - Energy Generation Systems in Slow Water Streams

A Turkish company, currently involved in aquaculture and fisheries sector wants to scale-up its activities to hydropower generation. Company carried out market research for electricity generation particularly from slow water streams. They are requesting high-tech hydropower generation systems (including turbines, generators etc.) which can be used where conventional hydropower technologies are not feasible. They are seeking partnerships for joint venture, technical cooperation or commercial agreement.

K43 - Non catenaries electric power system to urban tramway

Two Andalusian inventors (Spain) have patented an innovative electric power supply system without catenaries for urban tramways. They are looking for entities for cooperating in the joint development and testing of the new system. Also they are opened to license agreements.

K44 - Renewable construction material - further development through materials' science

A UK London-based company has developed a construction material based on renewable wheat straw. The product already had better properties than most conventional building materials and excellent environmental credentials. To keep up with legislation and the market, the company is looking for academic or industrial researchers in materials' science (preferably with experience using straw) to

jointly develop the product further, through collaborative or contract research.

K45 - Technology Sought for Small Hydro Power Plants

A Turkish engineering company specialized in the manufacturing of wind turbine towers, wind measurement towers and wind mills is looking for a technology for the manufacturing of small hydro power plants with a capacity of 5-10 kw for low-head environments. The technology will be used at river streams in rural areas where no electricity is available. The technology should be fully developed and the partner having the technology should be open to joint venture and/or licencing agreements.

K46 - Wind turbines servicing technology

A Turkish manufacturing company in Izmir specialized in mild steel, stainless steel and aluminium products, manufactures and installs wind turbine towers, wind measurement towers and wind mills. The company is looking for a technology that is used to provide wind turbine maintenance services for wind turbines that have exceeded their warranty period. The technology should provide an on-board system that enables the shrinking of the used machinery oil and pumping the fresh one on site.

K47 - Encapsulation techniques and printing technologies for hybrid organic solar cell

An Italian university research team is looking for a technology concerning the encapsulation materials/techniques and layer deposition both rigid and flexible for dye sensitized and organic solar cells. The team is looking for partners interested in technical collaboration to develop the requested technologies.

PRODUKTIONSTECHNIK – VERFAHRENSTECHNIK

Technology Offer

K48 - Auto-tuning of PID Industrial Controllers: an Improved Method

A Spanish university has developed an improved method for automatic tuning, its main advantage being that it can be applied to integrating plants as well as to non-integrating ones. For its implementation it is only required to add the developed algorithm to the algorithms of the current controller, without increasing the cost of the final product. Collaboration with manufacturers of industrial PID controllers is sought, in order to add the tuning method to their products.

K49 - Novel invention for coating porous surfaces

A Danish company researching in nanotechnology which can be used for surface treatment of porous products is looking for partners who will join the further development of the invention and its use in other materials than cement. The Danish inventor is interested in commercial agreements with technical assistance.

K50 - Innovative automatic wrapping machine with rotating reel-holder ring

Italian SME developed an automatic machine for wrapping palletized loads with polyethylene stretch film. The machine employs a new system allowing a double advantage: reduction of the rotating masses and absence of sliding electrical contacts. The solution adopted to fix the film final edge is simple and contained in terms of size. The company is looking for partners with experience in the packaging sector interested in acquiring this machinery, and able to provide technical assistance.

K51 - Soil nutrient reinforcement and stink removal by rhyolite tuff

A Hungarian SME has developed a new technology to upgrade the quality of soil by rhyolite tuff. A composting procedure without rotation stage was developed, thereby higher nutrient content and exceptionally increased nitrogen content can be reached and the stink and the danger of infection can also be eliminated. Partners from agro food sector or waste material managing companies for application of the technology (soil management and/or stink removal) are looked for.

K52 - Patented novel quality sorting for especially tumbled paving products

A Danish SME producing complete production lines or single machines for among others paving stone and asphalt production. The company has developed and patented a new technology for automatic quality sorting of especially tumbled paving products. The technology eliminate the bottleneck and safety risks of manual quality control of these products. The company is offering manufacturing as well as technical agreements including adoption to specific needs and necessary technical assistance.

K53 - Quantum Well Infrared Photodetectors (QWIP) Focal Plane Arrays

A Swedish SME and has developed range of Infrared Photodetectors for intergration in infrared modules, cameras and imaging system. Applications area are identification of object by their thermal/IR radiation. The company offers also their QWIP FPA's (Quantum Well Infrared Photodetectors Focal Plane Arrays)integrated with cooler assebleys and evaluation boards for customer development support. They are looking for commercial agreement with industrial partners. Full technical support is included.

K54 - Nano Imprint Lithography (NIL) for manufacturing and replication of advanced micro and nano scale structures

A Swedish SME offers Nano Imprint Lithography (NIL) equipment for manufacturing and replication of advanced micro and nano scale structures. Typical applications are within Opto Electronics, Optical Storage Media, Magnetic Storage Media, MEMS and NEMS, Displays, Bio-devices - "Lab-on-a-Chip", Semiconductors and High Density Interconnects, Polymer and Molecular Electronics. They are looking for industrial or academic partners for technical and commercial collaborations.

K55 - Method of testing optical elements

A Polish company has developed a method of tests for gradient optical elements obtained in phosphate and silica glasses originated from small laboratory smelts and glasses produced in industry. Thanks to this method it is possible to obtain gradient index of lenses with flat surfaces, "selfoc" type lenses and elements with linear distribution of refractive index. The company is looking for technical cooperation and commercial agreement with technical assistance.

K56 - Flexible production machine for manufacturing of multilayer crossply textiles, prepregs and composite laminates

A Dutch company has developed a new type of machine for the production of multilayer multi-axial crossply laminates. The crossply principle enables a multi axis fibre orientation and a high throughput compared with weaving machines. The machine can be configured for manufacturing of thermoplastic laminates as well as thermosetting pre-pregs. The company is looking for a commercial agreement with technical assistance.

K57 - HSM technology of titanium parts

A medium-sized company from South-East Poland is a manufacturer of different aircraft products, made of aluminum, steel as well as titanium. The company looks for industrial partners, especially airframe and landing gear producers, interested in technical cooperation and further joint development of the titanium HSM (High Speed Machining) processes and technologies.

K58 - Upgrading (cryogenic) of biogas to natural gas or LNG with CO2 utilisation

A Dutch SME developed a innovative technology that can upgrade biogas to natural gas quality and at the same time produces (liquid) CO2 of industrial quality. It can be applied at any biogas producing installation, the CO2 can be used in greenhouses, beer breweries, etc. The company is looking for well established partners in the energy sector, with extensive knowledge of the local markets. A license agreement and a commercial agreement with technical assistance are offered for cooperation.

Technology Request

K59 - Dust and fumes collection plant for weld smoke

A Polish SME operating in the field of electrical pylons montage is looking for a system solution for

collection and utilisation of weld smoke created during steel constructions weld process (electrical pylons production). The company is interested in purchase and implementation of the technology along with offered provision of technical assistance.

K60 - Small size machines for welding PVC foil are sought

Polish Entrepreneur is looking for suppliers of welding machines for foil. The machines will be used for welding inflatable products made from foil (filled with air or other gases). The company is looking for partners for manufacturing and commercial agreement with technical assistance. Also joint initiatives and financial cooperation are possible.

K61 - Technology of mechanical drilling and smoothing of holes in hard stones

A Polish company is looking for a technology of mechanical drilling and smoothing of holes in hard stones such as agate, amethysts, flints striped, pink crystals. The technology will be used in the jewelry production. The company is looking for a partner for commercial agreement with technical assistance.

K62 - Know-how sought for manufacturing fuel cell stack

A Hungarian SME is looking for technologies for manufacturing cell stacks for the proton exchange membrane (PEM) fuel cell. The technology should be suitable for production. The company will apply the technology and it will also purchase all the components necessary for producing the whole product (fuel cell) and launching it to the market. Collaboration sought: license agreement, technical cooperation, manufacturing agreement, commercial agreement with technical assistance, financial resources.

INFORMATIONSTECHNOLOGIE

Technology Offer

K63 - Bulk Production Cost Model

A Spanish university has developed a mathematical model that represents the detailed optimal operation of the generation of an electric system taking into account also the transmission network. It is a decision support tool for doing short and medium term technical and economical planning studies. The group is looking for commercial agreements.

K64 - Mixed Signal ASICs - CMOS Application Specific Integrated Circuits with Non Volatile Memory

A multi-national electronics company with a base in Scotland (UK) is seeking design and manufacturing agreements with companies in automotive, industrial and defence markets. The company's CMOS (Complementary metaloxide semiconductor) application specific analog or digital ICs (Integrated Circuits) have non volatile memory to calibrate analog functions and allow re-programmability in the field. The products have a

high level of reliability and endurance and field proven ruggedness.

K65 - Protection against malware in electronically transmitted data across multiple platforms such as email, network and mobile

A UK based company has developed a ground-breaking technology, which provides 100% protection against all types of malware transmitted in passive or normally communicated data. The technology has been tested by a leading independent test facility and a number of global security companies during which time it never passed a virus or exploit. The company is looking for partners to deploy the technology, licence or adapt to specific security needs.

K66 - Network servers designed specifically for the SME and Small Office/Home Office market

A UK company offers network servers designed specifically for small businesses. The servers are compact, straightforward to use, relatively inexpensive and offer a range of features that are normally not available to SMEs and Small Office/Home Office customers. Features include an open source operating system, email that is easy to configure, a unique automatic archival and instantaneous disaster recovery function. The developer seeks partners for commercial agreements with technical assistance.

K67 - Development Partners for Rewriteable 3D Hologram Applications

A large US company is looking for proposals for collaboration partners for rewriteable 3D hologram technology that has been developed. They are interested in joint development.

K68 - M-learning platform and custom content development

A Turkish research and development company has developed mobile learning applications. This new technology provides personal education for employees. The company is looking for commercial agreement with technical assistance and joint venture agreements for further development.

K69 - IT Network Throughput test service

Slovene SME offers IT Network Throughput Test as service. The service was created according to customer demands; it presents good strategy & decision-making instrument with complete information on future necessary investment in the IT system. The service is provided for managers of ICT field; it is used to acquire information on network, workstation and server performance. The service is already marketed in Slovenia. The

company offers the service as commercial agreement with tech. assistance.

K70 - Computer network routing protocol for security, energy efficiency, resilience and customised quality of service, based on multiple criteria

After over a decade of research a leading UK university has developed a ground-breaking computer network routing protocol, which provides unparalleled level of customisation in the quality of service the users receive. With several publications in world-leading journals, it has been shown to improve significantly the quality of video, voice and data communication, as well as energy efficiency, security and resilience to failures and network attacks. The university is seeking industrial partners.

K71 - Collaborative E-Learning Platform for Software Engineering Best Practices Training

A Spanish research group has developed a collaborative learning framework that allows achieving qualified human capital, and it offers monitoring techniques for the learning process in order to assure organizations capital investment. The group is looking for technical and commercial cooperation agreements.

K72 - Balanced Objective-Quantifiers Method (BOQM) For Software Intensive Organizations Strategies

A Spanish university facilitates a method to link the strategic management with Software and Process improvement based on measurement. The method uses the process philosophy to build measurable information in indicators templates (Based on ISO/IEC 15939) and a Balanced Scorecard (BSC) template, the process is followed by the participation of SIO's roles such as the CEO, TI director, CPO, and others measurement roles. The group is looking for technical cooperation.

K73 - Advanced tool for design, simulation and optimal management of large-scale smart grids

A Spanish spin-off company has developed a new versatile and powerful tool for the design, simulation and optimal management of large-scale smart grids. Being the result of an intense research, the solution is based on innovative distributed optimization algorithms, providing an efficient and scalable framework that can deal with systems that are one or more orders of magnitude larger than what current methods can handle. They are interested in technical cooperation.

K74 - Electric System Reliability Model

A Spanish university has developed a mathematical model that determines stochastic reliability measures of the generation of an electric system. It is a decision support tool for doing medium and long term planning studies. The group is looking for commercial agreements with technical cooperation.

K75 - An Ontology Website Search Engine

A Cypriot IT company has developed a website search engine using ontologies. The innovative engine has a Web Crawler, a Parser, an Indexer and a Ranker which are not only based on the keywords or description of the contents of the website but basically are using ontologies to return more accurate results and rank the websites more efficiently. The engine has many capabilities and it can be easily adapted to serve any specific need. Therefore the company is open to any type of collaboration.

K76 - Radio Frequency Identification Systems Development

A Spanish spin-off has developed specific hardware for RFID Systems in LF and HF frequency bands, which can be used in multiple applications related to access and security. Receivers can operate in an isolated way or connected to a network so that they can be managed remotely. Also specific management software can be developed upon request, so that this company is looking for technical cooperation agreements to satisfy specific needs.

Technology Request

K77 - Automated technological line for confectioning and boxing of wafers

A Polish company is looking for designer of an automated technological line for confectioning and packing of wafers in cardboard boxes. Seeking line should have microprocessor steering and should fulfil the highest technological standards of this class of devices, accessible on world markets and also suitable microprocessor steering. The company is looking for a partner for commercial agreement with technical assistance.

K78 - Tactile Map supporting the visually impaired to navigate their surroundings

A Yorkshire based University (UK) have developed software and a user interface to translate architectural plans into tactile maps to help blind and visually impaired people to navigate their surroundings. The university seeks a commercial

partner for further development and testing. The ideal partner would either be software company to support the further develop of the product or a partner that would allow the university access to a major venue to do a more extensive trial.

K79 - Sheet Metal Processing Systems

A Turkish company specialized on sheet metal processing machines is searching a technology and a partner company to develop their systems. The company is seeking partners in Europe which have an industrial process experience and looking for the expertise in sheet metal processing machines. The company wants to contact manufacturers of sheet metal processing machines and also wants to work with manufacturers/research institutes to establish technological developments.

K80 - Production capacity of microelectronic devices to manufacture artificial 3D tactile sensors

A Hungarian university-based spin-off company is seeking MEMS (Micro Electro Mechanical System) and back-end manufacturers for mass production of tactile sensors. The sensors have already been developed by the company, but it lacks the necessary production capacity. This one-of-a-kind tactile sensors can not only measure forces which are perpendicular to the surface, but parallel and lateral forces as well. Technology should be available on the market. Industrial partners are awaited.

K81 - Seeking innovative game technologies

A Turkish SME seeks existing or newly created online games. After a localization and integration stage, the games will be offered at an online portal established jointly with a major ISP, with a portfolio of over 1 million members. The company is interested in commercial agreements with technical assistance. A license agreement is envisaged.

K82 - Innovative software for Mobile Integration Technology, especially for tourist application.

An Italian company, acting in the ICT field, is working on a Mobile Integration technology, including a multichannel system between fixed systems (TV) and mobile devices. As to the tourist application of this technology, the company is looking for innovative softwares that can be also used in mobile devices. The company is looking for technical cooperation and commercial partnership.

AUTOMOBIL – VERKEHR

Technology Request

K83 - PS Eurostars: Electric hub-motor technology expertise for the construction of a (special vehicle) prototype with control system

An Austrian SME initiated and coordinates a research project for the development of a special vehicle with a serial hybrid unit. The foreseen partner for the hub-motor construction cancelled his participation at short notice. An R&D performing SME with immediate capacity wanting to participate in a Eurostars project is searched for (not from AT, DE, CH). The company needs to

offer expertise in hub-motor technology/electric in-wheel-motors, generators and control of those components.

K84 - Public Bike Sharing Systems

A Maltese company wants to develop an alternative to enter into a commercial agreement with technical assistance, technical cooperation or manufacturing agreement with the prospective partner offering a holistic solution.

LEBENSMITTELTECHNIK

Technology Offer

K85 - Micro- and nano encapsulation of preservatives and other food additives

A Spanish research group offers a wide range of services related to the design, preparation and characterization of micro- and nanoparticles containing active ingredients for the development of functional foods or nutraceuticals. Partners of particular interest would be food industry with an interest in developing functional food products. They offer licence and technical cooperation agreements for the application and customization of their technologies to specific needs and products.

K86 - Software Tool for the management of food security and quality (including traceability)

A Spanish SME has developed a tool for the management of food security and quality (including traceability). This tool is valid for the Spanish food security law (very similar to EU), for the quality certifications ISO 9000, IFS, BRC and Eurepgap; and can be easily integrated with an ERP or other technologies. They are looking for partners for exploitation and technical cooperation.

K87 - Research and Development technologies for minimally processed and ready made food products

An SME from Navarra (Spain) offers R&D services for the food industry related to the development and protection for both minimally processed products and ready made products. The overall aim is to increase shelf life and preserve its properties. The R&D services are high reward and low risk. Licensing and technical cooperation agreements are available for the application and customization of these technologies to the food processing industry, other R&D centres and universities.

K88 - Innovative technology for food preservation with natural ingredients

A Spanish spin-off company manufactures natural antioxidants, extracts and preservatives and offers technology on new applications for natural ingredients preservation and/or functional enrichment of food products. The company is looking for food industry companies interested in applying this technology to their products by means of a commercial agreement with technical assistance or technical cooperation.

K89 - Development of High Pressure Processing (HPP) treated prepared dishes based on vegetables with extended shelf life

A Spanish SME from Navarra (Spain) has developed a technology for preparing HPP-based dishes based on vegetables (or a single vegetable) which allows the food to preserve all the characteristics of freshly cooked products for up to 30 days. The methodology and the technology is available through licence and technical cooperation agreements to companies interested in developing high quality precooked dishes based on vegetables and suited to specific markets.

K90 - Sensor technology for horticulture, starting materials of plants and for the production of secondary metabolites

A Dutch SME is dedicated to the increasing need to monitor growth and quality aspects of seeds and crops. The company's knowledge in this field is used for research towards practical solutions in the agro-, food and phytopharma market. The company's know-how functions as a carrier for innovation for different partners. The company is looking for partners in the agro-, food-, or phytopharma industry for technical cooperation or licence agreement.

Technology Request

K91 - Technology for efficient production of Edam and Gouda type cheeses

One of the leading dairies from Latvia is looking for a technology and know-how for more efficient production of Edam and Gouda type cheese to utilize the subsistent milk more effectively. The company is looking for options and technologies to reduce the milk amount consumed for cheese

production. The technology should be tested and ready for implementation.

K92 - Oil catcher sesame and halva emulgator

Turkish SME manufacturing food products is looking for a new emulgator formula for the purpose of catching the oil accumulated on sesame and halva. The company is looking for technical cooperation or commercial agreement with technical assistance.

SONSTIGE

Technology Offer

K93 - Individual protection module - anti earthquakes, anti tornadoes, anti terrorist

A small Romanian company has developed a personal cocoon, extremely resistant, fully equipped for survival/rescue. Preserves life and body integrity in case of building collapse during earthquakes, tornadoes, terrorist attack, and war actions. Innovative aspects: movable, ready to use, fits anywhere in the office or apartment, including in the furniture. The company is searching for a partner for technical cooperation or to produce and sale the product, possible joint venture agreement.

K94 - Automatic acquisition and conservation of liquid samples by sequential freezing in a single recipient

A Spanish public research organisation has developed a simple, reliable and economic method for the acquisition of multiple liquid samples in a single recipient by successive freezing. Samples are frozen on their way to the storing recipient. The technology can be applied to the analysis of both discontinuous and continuous techniques, in the cases where the latter does not need online implementation. The research organization is looking for partners interested in a license agreement.

K95 - Special desk intended for students/teachers protection anti earthquakes, anti tornadoes and anti terrorist

A small Romanian company has developed a special desk, extremely resistant, fully equipped for survival/rescue. Preserves life and body integrity in case of building collapse during earthquakes, tornadoes, terrorist attack, and war actions. The innovator is searching for a research institute for technical cooperation, producer for license, joint venture or manufacture agreement; the Romanian company is also interested of universities/ schools for commercial agreement with technical assistance.

K96 - Protection solutions for mobile troop operations

A Finnish SME has developed a new, innovative modular ballistic protection system which is a light weight modular fragment and bullet threat protection system consisting of two kind of panel modules, squares and triangles. The system is easy to adapt for various military, police and peace keeping applications. Partners from different fields of industry are being sought for the development of further applications and to exploit the existing know-how.

Technology Request

K97 - Rugby video content and advertising

A French company has created the first WebTV about rugby in the world, with 300,000 streams by month and around 100,000 regular users. The French company is looking for a UK partner which could provide rugby video original content, produced on demand, video commercials from UK companies targeting French or Belgian markets, and links to British rugby websites. The French company plans to open the English speaking version of its WebTV very soon and would be open to a joint venture.

K98 - Long- term cleaning and maintenance system for building facades

Company from North-East Poland is looking for a solution that will permanently remove efflorescences and white coatings from surfaces such as cobblestones and clinker bricks. The solution should also help to maintain surfaces from further pollution and destruction. Requested solutions can either be at the testing stage or already on the market.

K99 - Technology to produce acoustic micro converters is sought

Polish company specialized in the production of customized hearing protectors and distribution of hearing aids is looking for a technology for the production of acoustic micro converters. Requested technology has to be fully developed.

K100 - User-friendly device to measure hair color

A Brussels based multinational active in the consumer goods sector is looking for a user-friendly device that would enable hairdressers to precisely measure hair color. The company would prefer to work with (a) partner(s) with capabilities to design, develop, supply and implement the device in the framework of a long term partnership.

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