



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 - 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.

K2 - Association between an Isothiocyanate and Levodopa in the treatment of Parkinson's disease

An Italian University research laboratory has developed a method that could ameliorate the ratio risk/benefit associated with Levodopa (1-3,4-dihydroxyphenylalanine) or L-DOPA therapy in the symptomatic treatment of Parkinson's disease (PD), and could prevent and delay the neurodegenerative process induced by L-DOPA. They are looking for license agreement and industrial development.

K3 - Ultrasonic nebulizers for vaporizing medicines soluble in water, salt solutions, medicinal waters

A Hungarian small-enterprise developed an ultrasonic nebulizer-family for vaporizing medicines, salt solutions, and medicinal waters. Main advantage: the apparatus entirely vaporizes the solutions. It is important because of the accurate dose and the cost-effectiveness. The technology is suitable for both personal and hospital use. Partners for licence and joint venture agreement, joint further development, absolutely novel process, technical consultancy and financial resources are awaited.

K4 - Gold (III) complexes with oligopeptides functionalized with sulphur donors and use as antitumor agents thereof

A research team from Italian and US Universities has strategically developed some new gold(III) derivatives with greater in vitro and in vivo antitumor activity and low toxicity which are active against several type of cancers. The principal target of these compounds seems to be the proteasoma, but the researchers are at the moment performing chemico-biological experiments to elucidate their mechanism of action and are looking for financial partners for further industrial exploitation.

K5 - Natural probiotic bioproducts, effective against gastrointestinal diseases and free of colors and preservatives

A company from Koltsovo (Novosibirsk region, Russia) developed technologies for manufacturing fermented dairy products with probiotics (bifidobacteria and lactobacteria) for prevention and treatment of gastrointestinal diseases. The company applies special technologies of probiotic strain selection and immobilization to protect probiotics from destruction in the stomach. The products effectiveness is proved by clinical trials. The company is interested in a joint venture agreement.

K6 - Liveness Detection for Biometric Systems based on Optical Principle

Czech university researchers have invented new solution for liveness detection for biometric systems based on fingerprint or hand recognition. This method enables to recognize, whether the person submitting their biometric characteristics is alive or whether someone else is using a fake of their finger or hand. Industrial partners producing equipment for biometric identification and research institutes are sought for further development of the final product.

K7 - Soil bioremediation technologies based on a preparation with plant growth promoting rhizosphere bacteria

A Russian R&D Institute from Moscow region developed a new technology of soil bioremediation by using plant-microbial associations with plant growth promoting rhizosphere bacteria. The offered technology is flexible and could be implemented not only for bioremediation of soils polluted with oil products and toxic metals, but also for city landscape improvement. The Institute is looking for partners for further joint development, testing of new applications and adaptation to specific needs.

K8 - Living biosensing multi-platform for health threat monitoring

An Italian University research laboratory has developed an invention related to a new affordable portable device for the detection of health threats caused by the presence of environmental contaminants. They are looking for license agreement and industrial development.

K9 - Non invasive blood pressure measurement device

An Italian SME has developed a new NIBP (Non Invasive Blood Pressure) device, which determines arterial pressure through a non invasive method. The company is interested in offering licence agreements.

K10 - Orthopaedic device and procedure to realize such device

An Italian University research laboratory has developed the design of knee prostheses that allow the replication of the relative motion between tibia and femur and a better distribution of the articular loads. This makes it possible to use lower cost materials with respect to those necessary in the existing prostheses and to simplify the manufacturing process and reduce the overall costs. They are looking for license agreement and industrial development.

K11 - Genotyping to perform and develop custom-made genetic analysis

A Catalan technology laboratory (Spain) has developed its own genetic tests in the field of pharmacogenomics. They are offering their analysis for developing and performing custom-made genetic analysis. The technology used in their genotyping platform is designed for speed and high-throughput, ensuring that results are obtained as fast as it is currently possible. They are looking for an industrial or research partner to join further development or for a manufacturing agreement.

K12 - Total cardiovascular risk index calculator

An Italian SME has developed a device to calculate a cardiovascular total risk index. It concerns a simple pocket calculator, which develops an absolute index that provides a single numerical value between 0 and 100 to assess the distance from a healthy condition. The calculated index is based on the values of several elementary risk index values. The company is looking for licence agreements and technical cooperation agreements for the development of a new product.

K13 - Drug repositioning, adverse event profiling and clinical hold services on offer

A Greek drug repositioning company is offering drug profiling services to biotechnology and pharmaceutical companies. The services cover drug repositioning opportunities, adverse event profiling as well as support in clinical hold and related situations. The services are offered to partner companies who are assessing their own drug pipeline as well as in-licensing opportunities.

K14 - Production system for the production of proteins (enzymes) for the biofuel, chemical, feed, food, textile, pharmaceutical and paper and pulp industry

A Dutch company develops fungal micro-organisms and processes for the production of enzymes for applications in the production of biofuels, biochemicals, textile, paper and pulp, starch, feed and food industry. The technology is based on its proprietary fungal *Chrysosporium lucknowense* expression system. The company is looking for partners active in the above mentioned fields for technical cooperation (further development, testing and adaptation to specific needs) or a licence agreement.

K15 - Collection of genome DNA samples for analysis of coronary heart disease (CHD) genetic predictors prevalence among population and CHD patients

A Russian company from Moscow, making research in the field of genetic predictors of cardiovascular diseases, owns a collection of genomic DNA samples from patients with coronary heart disease (~ 500) and healthy donors (~ 700). The company seeks technical cooperation partners with expertise of methods in the field of PCR (polymerase chain reaction) detection of genomic predictors related to development or complication of coronary heart disease.

K16 - Bacteriological Products as a Natural Treatment for Environmental Applications

A UK SME has developed a range of biological waste treatment products which remove contamination from waste-water, brown-field sites and air emissions. The the need for extensive chemical or physical treatments is eliminated as organic waste is broken down to leave carbon dioxide and water. The company is seeking partners for a licence, joint venture or commercial agreement with technical assistance.

K17 - A new suicide gene, holin, which may be used treat proliferative diseases or disorders, including cancer

An Irish biotechnology company offers a Technology/IP that provides a new set of cytotoxic suicide genes & their corresponding cytotoxic proteins or polypeptides for a gene therapeutic approach. Holin suicide gene can be used in combination with viral vectors to treat proliferative diseases or disorders, more specifically for the treatment of cancer. The company wishes to licence out/sell this patent technology to a Biotech, Pharma Lifescience company operating in the field of gene therapy.

Technology Request

K18 - Innovative technologies for the obstetrics gynaecology and fertility market

A Dutch company is specialized in valorization 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-licencing existing and phase III biotechnology related products .

K19 - PS PECS - project Heart and Blood Circulation Holter Device

An Estonian SME and coordinator of a consortia is looking for partner(s) for further developing and industrialization of a specific device for measuring and monitoring of heart rate and blood pressure related parameters of:

1. cardiovascular patients
 2. athletes
 3. astronauts in the micro-gravity environment
- Partners with the involvement in European Space Agency (ESA) programs are highly expected since planned project can be executed under Program of European Cooperating States (PECS).

K20 - Innovative technologies for agro-food and biopharmaceutical production

An Italian company supplying molecular biology services, with expertise in the development of engineered enzymes for fine chemicals, agro-food and biopharmaceutical production, is looking for new devices, methods, ingredients or additives useful for agro-food or pharmaceutical or nutraceutical industries to obtain new products. The company is interested in technical cooperation or commercial agreements.

K21 - Extraction technology for higher purity of Ginkgo Terpene

A Dutch SME has developed a technology for the extraction and refining of effective components of Ginkgo leaves. The extracts can be used in pharmaceutical and cosmetic products and as nutrient components. The company is looking for a partner with knowledge of extracting technology to further improve the production process and/or companies that are interested in producing extracts with the new extracting technology.

CHEMIE – MATERIALFORSCHUNG

Technology Offer

K22 - 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.

K23 - Moisture Transmission Measurement Equipment for Porous Materials

Czech university researchers have developed new method and equipment for measuring of moisture transmission in porous materials using electromagnetic microwave radiation. This approach enables to measure the moisture transmission by nondestructive, contactless and fast method. Partners for testing, development of appropriate software and manufacturing of the equipment are sought.

K24 - Expertise in realization of untypical interior design projects

Expertise in realization of untypical design projects is offered by Polish company. In case where the (interior design) project consists of elements that are of untypical shape or material and the contractor does not have knowledge or required technology, the company can provide an expertise that will offer a set of solutions that will allow the completion of the project. Partners interested in a commercial agreement with technical assistance are sought.

K25 - Testing and Engineering of Aeronautical Materials and Structures

An Andalusian company (Spain) has developed a new method for the defining, developing and improving systems and procedures in the field of experimental and numerical analysis of aeronautical materials and structures. The company is looking for technical cooperations, quality control agreements and technical consultancy.

K26 - Innovative eco-friendly solution for complete emptying of tin paints and chemical containers

A company from north-west Poland developed an innovative solution for complete emptying of chemical containers such as paints or solvents. This technology solves the problem of paint pollution caused by remnants left in containers e.g. after painting. The company is looking for partners interested in a license agreement.

K27 - Nanosized protective coatings for oxide phosphor materials

A Russian R&D Institute from Saint Petersburg developed a high-production technology for applying protective nanosized oxide coatings on surfaces of crystal phosphors of different chemical compositions. The Institute seeks R&D and industrial partners for technical cooperation.

Technology Request

K28 - 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.

K29 - Technology and know-how for production of cosmetics and remedies from lake sediments

A small Latvian company is looking for a technology and know-how to produce cosmetics and remedies from sapropel (lake sediments). The chemical composition of the sapropel has been analysed in laboratory in Latvia and is of high quality. The company is looking for commercial agreement with technical assistance. The technology should be tested and ready for implementation.

K30 - New packaging materials for ready to eat salads

A Spanish company is looking for new packaging materials for their ready to eat salads. Sought new materials should extend salads shelf life without modifying its organoleptic properties and at the time should be biodegradable. Requested New material can be either at laboratory stage or fully developed. The company seeks partners with experience in food packaging for technical cooperation.

K31 - Technology to diagnose the chemical content of liquid fertilizer

A small Latvian company operating in production of water decalcifying systems is planning to produce liquid fertilizer from sapropel (lake sediments). A technology is required to diagnose the chemical content of liquid fertilizer obtained from sapropel to clarify its usability in agriculture. The technology should be tested and ready for implementation.

K32 - Develop and optimize compound semiconductor Concentrated Photovoltaic (CPV) devices on single crystal silicon (Si) substrates

The U.S. division of a leading international epitaxial materials company, seeks partnerships to develop and optimize Concentrated Photovoltaic (CPV) devices on single crystal silicon (Si) substrates. Ideal partners will have novel material, and/or device fabrication and characterization, capabilities that will enable viable CPV devices from Gallium Nitride (GaN) on Si, and/or Gallium Arsenide (GaAs) on Si. The company is open to technical cooperation or development partnerships.

K33 - Development of the strongest possible adhesive bond to silicon and the commonly used top surface of a completed micro chip

A Dutch SME company is looking for a research cooperation to improve bond strength tests for semiconductor industry. A common test is to measure the pull-strength of a silicon chip bound to a substrate. This test often fails because the bond being tested is stronger than the bond made to test it. There is therefore a need to improve the strength of the test bond and to maximise the capability of the test. A research programme is requested to find the strongest bond that can be made to silicon.

ENERGIE – UMWELT

Technology Offer

K34 - 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.

K35 - Making More Efficient use of Resource Through Flexible Optimisation

A UK University Spin-out company has developed an optimisation engine for the purposes of making better use of resource. The SME is interested in partnering and working with companies that can use the engine and know-how at the heart of their own software products in their own particular area of expertise. Licensing or technical cooperation are envisaged forms of partnership.

K36 - Acoustic sound barrier system for fishes and other animals

A Spanish SME has developed an acoustic barrier system which influence the behaviour of fishes, driving them away from potentially dangerous places like hydroelectric or nuclear power stations. Different kinds of signals can be programmed in order to affect other kinds of animals. The company is looking for technical cooperation or financial resources to exploit the existing know how as well as commercial agreements with technical assistance.

K37 - Increase of lateral plant growth by strigolactone treatment

An Austrian research institute was able to demonstrate that the treatment (e.g. spraying or watering of whole plants) with strigolactones (SLs - a recently discovered group of hormones), increases lateral plant growth (shoots and roots) with no obvious side effects. Advantages are higher biomass formation and plant stability achieved by a non-transgenic approach.

The scientists are looking for industry, SME or research partners to further develop and license the technology.

K38 - A unique construction of roof and new jointed barks technology for timber log houses

Lithuanian small company which produces high quality eco-friendly timber log houses, has developed a unique construction of roof and joining timber barks. The ready-made roof design is filled with soil, on which plants and/or grass can grow. This roof construction secures the timber log houses with an all-time stability and it is protected against deformation. The company is looking for a commercial agreement with technical assistance. Other kinds of collaboration are also possible.

K39 - Distributed lighting control unit for intelligent street lighting systems

An Italian SME, active for more than 30 years in the industrial and civil automation field has developed an electronic unit for intelligent street lighting systems, which allows for consistent energy saving & environmental benefits. Manufacturers of lighting fixtures, remote controlling, systems, energy saving devices, etc are sought for licensing and commercial agreement with technical assistance.

K40 - Detecting the presence of liquid in conduits and pumps

A small UK company has developed and patented a new technology to detect the presence of adequate levels of liquid in systems. The technology is able to monitor fluid levels in pumps, and automatically starting and stopping the pumps, thus avoiding overheating and motor burn outs, as well as saving energy. The company is seeking commercial agreement with technical assistance to develop and market the technology further.

K41 - Automatic biomass calibration in waste water treatment plants

Spanish researchers have developed a new device for obtaining automatically the parameters needed to simulate the activated sludge processes for wastewater treatment plants (WWTPs). The new device helps WWTPs to work more efficiently, thus saving energy and improving water quality by detecting toxins on-line and thus greatly reducing the large volume of actual laboratory experiments. The researchers are looking for companies to licence the technology and introduce it into the market.

Technology Request

K42 - 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.

K43 - Hydraulic elevators that uses air pressure instead of water or oil

A Turkish company is looking for an innovative technology that uses air pressure instead of water (or oil) pressure to produce lifting power of hydraulic elevators. The company is ready to cooperate with other companies who plan to develop such a system or research institutions that plans to initiate a technology development project.

K44 - Innovation technologies on wave energy production

An industrial / construction company from northern Greece dealing with industrial quarries, concrete and asphalt production and all types of infrastructure construction is looking for innovative technologies for wave energy production innovations. The company is interested in any kind of collaboration.

K45 - Harvesting machinery for Sida hermaphrodita and Salix viminalis (energetic plants)

Polish SME that specializes in the production of mining machinery is looking for technology of harvesting machinery for harvesting energetic plants, especially sida hermaphrodita and salix viminalis (energetic willow). The harvesting machine should be able to cut and process the energetic plants for further production of pellets and briquette. The company is looking for industrial partners specializing in agricultural machinery with relevant experience for technical or joint venture cooperation.

K46 - Ecological electric generating set

A French company specialized in coffee street-selling on bicycle, is searching a mobile electric generating set supplying the coffee machine. That generating set has to be autonomous; supplying the machine with renewable sources of electric energy: direct-current generator, solar set panel. Battery, undulator and converter also integrated into the electric set. Commercial agreement with technical assistance is sought with a company supplying the whole system or parts of the technology.

K47 - Technology to produce energy from ready to eat salads by-product

A Spanish company leader of the Spanish market in the production of ready to eat salads seeks a technology to produce energy from its salad by-products. The solution should be highly energy efficient and low cost. The sought technology should be fully developed and able to be adjusted to specific requirements. The company seeks a partner with experience in energetic valorisation of by-product to establish a commercial agreement.

K48 - Innovations on geothermal energy production

An industrial / construction company from northern Greece dealing with industrial quarries, concrete and asphalt production and all types of infrastructure construction is looking for innovative technologies for geothermal energy production innovations. The company is interested in any kind of collaboration.

K49 - Advanced diapers valorisation

A Catalan technological centre (Spain) is searching a new technology to process diapers in order to solve an environmental problem and obtain high valued products, making the waste treatment viable. They are seeking an industrial partner for a technical cooperation.

K50 - System for treatment of waste cables

A Polish company seeks a system for treatment of waste cables which come from desintegrated electric and electronic waste. It is especially interested in technology allowing precise separation of plastics and metals. Partners for information exchange, technical cooperation or licence agreement are sought.

K51 - Solar Energy Utilization for the drying of clay products

A Greek clay products manufacturer is looking for innovative solar utilization technologies for the drying of clay products. The partnership sought is commercial agreement with technical assistance.

K52 - Small power turbogenerator for electricity production from low temperature heat sources

A company from Latvia has developed a new technology for electricity production from low temperature heat sources. In order to accomplish the prototype of new type electric power station, the company is looking for turbogenerator with power output 2-10 kW. The company is looking for commercial agreement with technical assistance. The requested technology has to be fully developed and available for installation.

K53 - Innovative technologies on wind energy production

An industrial / construction company from northern Greece dealing with industrial quarries, concrete and asphalt production and all types of infrastructure construction is looking for innovative technologies for wind energy production in order to expand their activities. The company is willing to investigate any kind of collaboration.

K54 - 100 kW - 5MW Co-Generation unit using common gas, liquid or solid based fuels

Czech company based in Prague, long term involved in designing of systems for renewable sources of energy is looking for partner who can supply technology for cogeneration of electricity and heat from environmentally friendly fuels. Company is looking for a joint venture or a business agreement, for a long term support of their activities in Central and East Europe.

PRODUKTIONSTECHNIK – VERFAHRENSTECHNIK

Technology Offer

K55 - 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.

K56 - Powder storage and dosage plant for three ingredients with the possibility of adding a fourth component in micro-doses

An Italian company, at the moment specialised in spice production but with a great know-how in the yeast preparation, owns an innovative mixing system that allows to mix three powder products plus a fourth ingredient in micro doses. Thanks to this plant, based on a cochlea system, a single person can manage all the mixing phases in automatic. This company is seeking SMEs to conclude a commercial agreements with technical assistance.

K57 - Transition metal chalcogenides films and nanostructures for mechanical applications

Italian academic research laboratory offers highly oriented pyrolytic graphite (HOPG), molybdenum disulfide (MoS2) and other transition metal chalcogenides provide lubricious tribological performance under specific environmental conditions. They search companies having joint interests in developing thin and ultrathin transition metal chalcogenides and graphenes films obtained by using pulsed plasma deposition and related techniques (ablation, sputtering,...).

K58 - System for screwing bolts, nuts or processed parts

A small Czech company has developed a screwing system for the screwing of the bolts, nuts and processed parts. The company offers a different types of the system, for example automatic supply of screws, vacuum clamping screws, positioning in three axes with the stepper motors, and more. The company is looking for partners interested in a new way to use the system and changes in the sought partner's technologies now in use.

K59 - Usable enterprise grid and cloud solution

An Italian ICT company developed a cloud grid portal for industry and research, and has a proven track record of successful production deployments within corporate networks and research grids and clouds. It enables efficient Inter-/Intranet access to grid-enabled infrastructures. High-performance computing (HPC) clusters, data, licenses, batch and interactive applications can be accessed by any client using a standard web browser. The company is interested in technical cooperation.

K60 - Thermal spraying of nanomaterials

A Greek SME has developed a technology for thermal spraying of nano-structured materials (grain sizes less than 100 nm) by the successful adaptation of both powder materials and the spraying technology. The company now seeks partners for technical co-operation and license agreements.

K61 - The asynchronous linear pallet system

A small Czech company developed an asynchronous linear pallet system ensuring accurate positioning of pallets in the workplace. Advantage of the system is compensation for minor breakdowns of individual workplace without the need to stop the entire production line. The company seeks partners interested in new way to use the system and change in partner sought's currently used technology.

K62 - Measurement of Instantaneous Angular Velocity, Acceleration and Angle

A Czech research institute has developed a smart sensor for precise encoder-based measurements. The sensor allows simple and accurate measurement of angle, angular velocity and acceleration. Advantages over conventional sensors include easy and throughout evaluation of mechanisms, shafts and gears. The company is looking for partners to establish various types of technical cooperation.

K63 - Technology for plastics recovery

A Polish company seeks a technology for recovery of waste plastics of different origin. They are interested in effective technology allowing precise classification of material. Partners for information exchange, technical cooperation or licence agreement are sought.

K64 - Gas Insulated Ring Main Unit

A Turkish company developed gas insulated Ring Main Units(RMU) that is metal enclosed, gas insulated switchgear and controlgear up to 36 kV, 630 A and 20 kA. Advantages over conventional RMUs are suitable design options to connect the outgoing/incoming MV cable to terminals via of the adjustable cable supports, high level of reliability, operating safety. The company seeks partners for license agreement, joint development and commercial agreement with technical assistance for various applications.

K65 - Feeder with a camera system for orientation of parts

A small Czech company has developed a feeder with a camera system for orientation of parts which interlace or parts which are difficult to put in place using standard methods. The feeder is distinguished by high speed, precision of placement and high reliability. The company seeks partners interested in new way to use the system and change in the current technology they are using.

Technology Request

K66 - 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.

K67 - Innovative Welding Methods and Technologies for Stainless Steel Cookware Products

A Turkish company manufacturing of nonstick cookware such as pots, frypans, kettles etc. is looking for an innovative method or apparatus to be used in welding of the nozzle and body of the kettle. In their system they use oxygen and silver welding wire to weld the parts of kettle. They would like to cooperate with companies using such technology through licence agreement. They are looking for alternative ways such as spot welding or any other practical methods to be used in cookware products.

K68 - Technology chain for wood board processing

Polish SME active in furniture production is looking for elements to technology chain for wood board processing. The technology chain should consist of multi-saw, CAD/CAM optimization studio, CNC wood plane and CNC multi-processor. The company is looking for industrial or academic partners to deliver the needed technology in proper machinery with technical consultancy and assistance.

K69 - Technology to stick miniature metal parts for production of miniature hearing aids being sought

Polish company is looking for a solution to stick miniature metal parts used for production of miniature hearing aids. An alternative technology to laser binding and gluing is sought. The requested technology is to be used for the production of electromechanical advanced solutions and miniature components. Requested technology can either be at the laboratory stage or fully developed.

K70 - Innovate equipment for professional carpet washing

Polish company operating in carpet washing area seeks innovate machine for carpet cleaning in order to extend their range of services. This device should have 3 functions, which enable to professional carpet cleaning: mechanical dust removal and vacuuming, washing and water extraction. The company is interested in commercial agreement with technical assistance.

K71 - Innovative Technology to Produce Fertilizers by Mixing of Leonardite and Nitrogen in Granule or Pellet Form

A Turkish SME manufacturing organic and chemical fertilisers wishes to cooperate with technological partners via licence agreement, joint venture, manufacturing agreement or commercial agreement with technical assistance on producing granule or pellet fertilisers by mixing of leonardite and nitrogen that reduces deformation on the leaves of the plant and reduces operation times and still very nutritious for the plant.

K72 - Generating Highly Concentrated Microbubbles in Acidic Cleaning Solutions

A large US company is looking for a technology for generating highly concentrated ozone microbubbles in hydrofluoric acid. The goal is to develop highly effective solutions for cleaning applications in semiconductor industry. They are interested in joint development, contract development and equipment sales.

K73 - Fitting and/or installation of fiber optics systems inside sewer pipes

A Spanish company working in the field of telecommunications is looking for a technological partner that has knowledge, technology and experience in the deployment of in-sewer fiber optic. They are open to several types of collaboration.

K74 - Device for machining composite materials

A Science Centre was developed by a company from Southern Poland. The Centre aims at strengthening technological potential of light aircraft manufacturers and the aviation industry within the Silesia region, as well as at conducting researches on composite materials for industries

connected with aviation. The Centre is looking for milling machine for machining composite materials and is looking for a partner in order to sign commercial agreement with technical consultancy.

K75 - Full-colour printing technology used for printing on lexan, polyester and polycarbonate foil

A Dutch SME active in engraving and production of multicolour panels for e.g. industry and steering compartments of ships is looking for full-colour printing technology to print on lexan, polyester and polycarbonate foils.

Their search so far did not result in a solution that meets the requirements. The company is looking for a technical cooperation or a joint further development.

INFORMATIONSTECHNOLOGIE

Technology Offer

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.

K77 - Innovative Knowledge management system (Corporate wiki) for medium & large enterprises

An Israeli SME has developed a robust corporate wiki knowledge management system for use as a web 2.0. It is intuitive, speedy and based on the experience of thousands of cases in use. The company is looking for partners to implement the offered technology, to adapt it to new market needs, to improve their innovation, share information, for technical cooperation, commercial agreement, strategic partnership and adaptation to new markets.

K78 - Electromagnetic load device and apparatus for physical exercise

An Italian SME has developed an electromagnetic load device for a fitness apparatus that is compact, of low weight and able to generate a high force that can be instantly controlled. The device is coupled with a controller provided with a user interface in order to be able to control the software. The company is looking for industrial agreements to start production.

K79 - Mobile Integration System: wireless and web technology for healthcare, tourism and marketing

An Italian company, acting in the ICT field, has developed an innovative Mobile Integration Technology, including a multichannel system between fixed systems (TV) and mobile devices, that can be useful for healthcare, tourism and marketing areas. The company is also working on a Wireless Sensor Network, on Web Integration planning and development of vertical flexible web solution integrated with the central knowledge system. The SME is looking for commercial agreement with technical assistance.

K80 - Interactive applications based on multitouch displays that can talk to each other

A Portuguese SME has developed a software platform that can be used to develop interactive applications using different types of multitouch displays like tables, videowalls among others. The different types of multitouch systems can communicate between each other using the platform features. The company is seeking partners for commercial agreements with technical assistance.

K81 - Checking Compatibility For Certification

A Turkish software company has developed a web based software tool that checks the compatibility and the suitability of newly developed software with the software standards. Also it gives validation if the produced software is consistent to software standards. This company is looking for companies who are interested to do technical cooperation and commercial agreement.

K82 - Remote Video Transmission and Recording Systems for Security & Transportation Markets

An Israeli SME has developed Systems for Video Transmission & Recording to transmit high quality video via internet & cellular networks to PCs & other devices (mobile phones, PDAs (personal digital assistant), laptops) for security applications. Advantages include exceptionally low bandwidth usage for high-quality video transmission. Looking for interested partners such as system integrators, fleet companies, cellular service providers for technology use, adaptation to new market needs.

K83 - Innovative web-based system to synchronize company's production, distribution and retail processes

This company from north-west Poland has developed an innovative web-based solution - a management system for the synchronization of production, distribution and retail processes within the company. The System can be adjusted to the specific needs of a company to maximize the efficiency of the working processes. The Polish company is looking for partners interested in technical cooperation and license agreement.

K84 - Hand-Based Biometric Recognition using 3D Hand Geometry

Czech University researchers have developed a new approach of hand biometric recognition, which is based on 3D hand geometry. In the comparison to the common hand recognition systems, this solution has bigger entropy (information content). The method is suitable for dirty environments such as heavy industries, where any other biometric systems cannot be used for verification purposes. Industrial partners and research institutes interested in further development and testing are sought.

K85 - Automatic Natural Language Processing applications for people with motor and/or communication disorders and/or SEN (Special Education Needs).

A French SME designs NLP (Natural Language Processing) applications for people with motor/communication disorders : dyslexia, dyspraxia, muscular dystrophy, visually challenged people, etc. in order to assist them in their everyday life. The SME is looking for software companies specialized in eLearning, pedagogy, artificial intelligence, cognitive sciences, high-tech devices, brain adaptability, neuro-plasticity and mind-mapping to create an international distribution network.

K86 - Expertise in the marketing/licensing of mobile multiplayer games

An Israeli SME has developed a unique patent-pending platform for creation of Mobile Multiplayer and Standalone Games, across various platforms such as iPhone, Android, J2ME, and BREW etc. Applications using this platform are already on the market. The company also offers its experience and know-how in regards to Mobile Games and Applications. The company is seeking to license its platform. This platform can be a part of a larger operator platform offering.

K87 - Energy saving edugame

An Italian SME developed an energy saving edugame for young people. It is designed to make it clear to pupils in schools that you can save energy by combining the requests in a position of increasing difficulty, with a nice action game platforms. The company is looking for license agreements and joint-venture agreements for further developments of the product.

K88 - High-Speed Free Space Optics - data transfer laser devices for telecommunications

A small Russian enterprise from Ekaterinburg has developed a device with flexible architecture for wireless data transfer in the Ethernet standard. The device allows transmitting video signal, data and telephony through the atmosphere with a help of infrared laser beam; it belongs to the category of the «last-mile» connection devices. The developers are looking for a joint venture or a commercial agreement with technical assistance.

K89 - Electronic Controlled & Automatically Steered Antenna for Broadband Wireless Communication (Wi-Fi, Wimax, 3G, 4G)

An Israeli SME has developed an electronic controlled automatically steered antenna to use in broadband wireless communication. Advantages over the current solutions include its significant cost efficiency & coverage, universal support for all wireless standards. Looking for partners in wireless communication (integrators, operators) to cooperate in entering / adapting the products to new markets

K90 - Business intelligence tools

A Spanish company offers business intelligence technologies that assure that business knowledge is available to the right person, at the right moment and in ways they will understand. The solution provides easy to use dashboards, analysis, reporting and alerts to organizations where typically this capability has been cost prohibitive or too complex to maintain. The company is looking for industrial partners in order to reach license agreements.

Technology Request

K91 - 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.

K92 - An Israeli SME is looking for Technology expertise in On Device Portal (ODP) or Content Management

An Israeli SME developed a unique patent-pending platform, applications of which are already on the market, for creation of Mobile Multiplayer and Standalone Games, across various platforms such as iPhone, Android, J2ME, BREW etc. The company offers its experience and know-how in regards to Mobile Games and Applications and is seeking to integrate the platform with larger platforms offering such as On Device Portal, or as a part of a development kit (SDK) for a specific mobile platform.

K93 - Automatic loading/unloading traceability management system of truck contents

A French company specialized in traceability systems, working with logistic services, is searching a technical solution already well-used for the automatic tracking of logistic operations during loading & unloading processes. That system composed of electronic items incorporated inside packagings, bins or pallets has to send informations directly into servers. Before establishing a commercial agreement with technical assistance, the company wants to visit logistic networks and meet the users.

K94 - Network Performance / Network Optimisation system for UTRAN / GERAN networks

A Spanish company is seeking for a network performance / network optimisation system, mainly for the RAN of the 3GPP technologies, GSM and 3G as current main options. The system should be based on flexible and scalable mediation devices that gather all the RNC or BSC related information, and postprocess it to show good hints about network current and potential issues (if not tuned).

The company would like to reach commercial agreement with technical assistance or joint venture agreement.

K95 - Innovative software for complex management of production of office furniture

A Polish SME is manufacturing office and shop furniture made of particle boards. The company is producing standard furniture as well as furniture upon client's special order. The company is interested in implementing an innovative software for complex management of an enterprise from production level to sales department and accountancy. The company is interested in commercial agreement with technical assistance. The company is interested in already existing systems.

K96 - PS INTERREG - Toolkit of Augmented Reality for SMEs (TAURIS)

A Spanish ICT Institute is building a consortium for a project of INTERREG IVB-SUDOE. The TAURIS project has the objective to create an easy-to-use software package for the development of different Augmented Reality applications, making this technology accessible for SMEs by reducing its costs and complexity. They are looking for partners with expertise in this area for Technological Development and non-profit organisations or public entities for demonstration, dissemination and consultancy.

AUTOMOBIL – VERKEHR

Technology Request

K97 - 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.

K98 - 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

K99 - 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 phytofarma industry for technical cooperation or licence agreement.

Technology Request

K100 - 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.

K101 - Quick and certified techniques and tools for pathogens detection in foodstuffs

An Italian company developing diagnostic tools for foodstuff and supplying diagnostic services for SMEs of the agro-food sector, is looking for new devices/methods for quick and reliable detection of pathogens in foodstuff. The company is interested in licence or commercial agreements.

K102 - Sustainable Packaging Trays for Fresh or Frozen Meat Products

A large US company is looking for proposals for sustainable, environmentally friendly packaging trays for fresh or frozen meat products. They are interested in licensing, product acquisition, contract research, proof of concept leading to scale-up to manufacturing, joint development, and supplier agreement.

K103 - Spray-drying technology in milk industry sought for production of calcium-enriching additive-food

A Hungarian SME is looking for a milk powder producing factory also having special equipment for instant powder making. The technology background should be able to apply the spray-drying for milk powder production and fluid-bed instantisation of milk powder. The Hungarian SME is looking for a partner with a technology already on the market. Type of cooperation sought: manufacturing agreement ? a novel utilisation of an existing production line.

K104 - PS FP7 - Inorganic arsenic from rice products in infant diets

A Spanish research group is coordinating a consortium for the project 'Inorganic Arsenic from Rice Products in Infant Diets'. The aim of the project is to determine the babies' exposure to arsenic from artificial milks and formulas based on rice. The consortium is looking for companies, manufacturers of baby food and rice formula, as end users of the project results. The potential partner only will have to contribute to the project with his own experience in production of infant formula.

SONSTIGE

Technology Offer

K105 - 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.

K106 - Climbing Edge Protection on Construction Sites

A UK company that develops safety equipment for the construction sector has designed and patented a device that improves safety on construction sites. In instances where there are no outer edge walls on a new floor of a building site, a support frame comprising a hand rail and net offer extra safety to workers operating in a new work area. The device moves up the outside wall of a building using plates that only allow upward movement. The developer is seeking opportunities for licensing.

K107 - Wireless sensor unit for monitoring strength development of young concrete

A Dutch SME with in depth knowledge of sensors for different application fields has developed a sensor to measure the strength development in young concrete. The wireless sensor unit enables faster removal of formwork on the building site. The company is looking for partners to establish a commercial agreement with technical assistance.

K108 - Building over the water

A romanian inventor has developed a building over the water that it consist of: a superstructure provided with at least one of some floor structure that is placed above a water surface and on wich an inhabitable subassembly is positioned. The inventor is looking for commercial agreement with technical assistance.

K109 - Anti-flooding removable barrage: water-based flood defense technology

An innovative French SME has successfully developed a patented barrage, flood defense technology protecting buildings, goods & populations. That system can be unfold quickly on long distances in a reliable and reusable way, enabling to avoid considerable damages done by water. Companies, organisations dealing with civil protection are sought for commercial agreement with technical assistance or licence agreement. Technical cooperation is also sought to improve and further develop the system.

K110 - System for tourism marketing

An Italian SME has developed an integrated system of tourism marketing to support the activity of various infopoints of an area. The company is looking for agreements allowing a joint further development of the product.

Technology Request

K111 - 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.

K112 - 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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