



NewTec Europe

Januar 2010



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 - Customized implants and prosthesis manufacturing

A Catalan Technological centre (Spain) has developed a process chain for customized fabrication of body implants and prosthesis according to patient needs and physical characteristics through rapid manufacturing processes. They are looking for a technical cooperation. Any other kind of cooperation might be considered.

K2 - Wireless portable technology for hospitals facilitating medical treatment of patients

Slovak IT company having significant experience in the sector developed and tested technology of portable wireless tablets for medical personnel connected to both internal and external hospital's network, enabling access to all internal medical records of each patient with included software for a control of medicaments interaction. Company is looking for a licence agreement partner or further technical cooperation on technology.

K3 - Drug screening assays using zebrafish

A Greek research institute has developed a number of transgenic zebrafish lines that can facilitate the analyses of specific organs and focus on mutant lines with cardiovascular phenotypes, characterizing the genetic lesions that can be used to assay cardiovascular compounds. The institute is seeking industrial partners with interest in rapid, in vivo assays of toxicological studies or test novel therapeutic compounds for cardiovascular disease for technical cooperation and licensing agreements.

K4 - An Enclosed Bumper System to Provide Bedrail Protection for Brain Damaged Patients

A UK company has developed an Enclosed Bumper System designed to provide bed rail protection for dementia patients and for brain damaged patients of all ages. The design incorporates an Integral Evacuation System in the event of an emergency such as fire or flooding or other risk situations.

Technology Request

K5 - FP7-NMP Partners and coordinator search: Development of Innovative 3D scaffolds for tissue regeneration

An Italian University is searching for partners to join a project proposal. The aim of the project is a new, rational design criteria for advanced biomaterials/implants for bone, muscle and nervous tissue regeneration. 3D biomaterials (scaffold) will be tailored for human mesenchymal stem cells or reprogrammed adult stem cells (IPSCs). They are searching national research councils, EU Universities, biotech facilities and pharmaceutical companies for advanced characterization of preclinical models.

K6 - Remote monitoring of Sleep Apnea Syndrome for children

A Czech medical company is searching for a remote monitoring of Sleep Apnea Syndrome for children which could be used at home. The system should be easily adapted and should monitor specified values. Partners for licensing agreement or joint further development are sought.

K7 - DNA or RNA based molecular diagnostic technologies that provide quantitative analysis

A small British company is looking for technologies that provide quantitative analysis of biological materials in water or soil samples. The company currently uses "qPCR" techniques and seeks contact with organisations using either this technology or alternatives, especially those with higher throughput. Suitable technologies could be laboratory-based or field-based. Ideally they should be market ready or at least available for demonstration. Technical and commercial partnerships are sought.

K8 - FP7 - IMI Call 2009/9: Using Electronic Health Records (EHR) to Support and Enhance Medical Research

A Finnish university is formulating a project, which aims to support health communication and decision making by developing intelligent intermediates. The intermediates are based on adaptive information and language technology solutions which make health information more intelligible and timely accessible. The project consortium is looking for health service providers.

CHEMIE – MATERIALFORSCHUNG

Technology Offer

K9 - Ecological peroxide-based technology of natural textiles bleaching

Innovative company from Northern Poland has developed an ecological peroxide-based technology for fabrics. The technology can be used in bleaching of yarns and fabrics made of cotton or flax and their blends with synthetic fibers. The main benefits of this technology: environmentally friendly, involves low cost of bleaching process and shortened production time. The company is looking for partner interested in commercial agreement and/or license agreement.

K10 - Method to elaborate monocrystalline Germanium on silicon oxide

A French institute specialized in nano-electronics, nanomagnetism and spin electronics, micro-nanophotonics, optoelectronics and plasmonics, microsystems, hardware or software systems (autonomous systems and network systems), and nanotechnologies has developed a method to elaborate polycrystalline Germanium on silicon oxide. It is looking for partners for licence agreements. It is also opened to other partnership such as financial supports to develop other projects.

K11 - Selective inhibitory peptides of the calcineurin phosphatase activity

A Spanish Institute discovered new peptides and their derivatives useful as immunosuppressors for the treatment or prophylaxis of autoimmune disease, inflammation and allergy or transplant rejection situations. Looking for license agreement and joint further development of a drug based on the new peptides discovered by the Spanish Institute.

K12 - Preparation procedure for metallic functionalised nanoparticles with neuropeptide VIP

An Andalusian research group (Spain) has developed this preparation procedure for metallic functionalised nanoparticles with vasoactive intestinal neuropeptide (VIP). With this method they keep their ability to interact with their specific receptors, allowing detection strategies and the selective release of drugs on tumor cells or treatment of diseases with an autoimmune component. The institute seeks to transfer the technology through entering into license agreements.

K13 - New superplastic materials for high-speed and low-temperature molding

A Russian R&D organization from Nizhni Novgorod developed a technology for manufacturing of bulk nano- and microcrystal alloys for superplastic molding, enabling to form complex-shaped pieces in one operation. The developers look for partners for technical cooperation and manufacturing agreement.

K14 - New generation of polyester polyols for polyurethane plastics manufacturing

A Polish research institute has developed a new generation polyester polyols for the polyurethane plastics manufacturing. They are using vegetable oils and waste materials (about 80% of charge) instead of materials of petrochemical origin. Partners for technical cooperation or joint venture are sought.

K15 - Innovative nanomaterials made in sol-gel technology, extremely temperature, wear and oxidation resistant

Innovative nanomaterials, produced in the sol-gel technology, have been developed at a university of technology in north-west Poland. These materials are highly temperature, wear and oxidation resistant thus can be used as a protective coating, as well as ready-to-use materials for machine-building industry, power industry, aerospace engineering. Industry and R&D partners interested in license agreement or technical cooperation are sought.

K16 - Cold metal spray system

A Dutch company is specialized in cold metal spraying. They developed a new cold metal spraying technology. The technology enables surface interaction with non-melted particles moving at extremely high velocities whereby both the work pieces and the coating material, metal and ceramic powders, remain relatively cold. The company is interested in partners, active in e.g. industrial maintenance, for technical cooperation, joint further development and adaptation to specific needs.

Technology Request

K17 - Looking for partners to test a protective facade coating for buildings

SME from Lithuania has co-developed a façade coating that protects the outside of buildings, regulates the humidity inside and has isolation properties. This new product does not contain solvents, prevents the occurrence of mold, improve indoor climate, that is not flammable and is appropriate for children's rooms. Lithuanian company is looking for partners who can test this innovative product, after which the product can be adapted to the specific local needs.

K18 - Search for technology of reprocessing the used tires

A Lithuanian company is looking for a technology to reprocess used tires (all types) into insulation materials, for instance, rubber. The technology should be fully developed, certified in EU and ecologically friendly. The company is open for commercial agreement with technical assistance and manufacturing agreement.

K19 - Spinnable Materials with Shape-holding Ability for Cosmetics

A large US company is looking for innovative spinnable materials for cosmetics. Of critical importance is that the fibers created through spinning are able to maintain their shape. They are interested in contract development, joint development and material supply.

K20 - Innovative materials for infrastructure constructions

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 materials dealing with infrastructure constructions. The company is interested in any kind of collaboration.

K21 - Tannins (particularly Pine Tannin) sought for development of a novel bio-polymer

A UK company that is active in the development of bio-polymers is currently involved in a project to find functional natural materials for inclusion in a sustainable polymer matrix. The company is seeking prospective partners that can provide a source of tannin products, particularly pine tannin, for inclusion in their initial screening and evaluation programme. A technical cooperation or commercial agreement (with technical assistance) is envisaged.

K22 - Highly exothermic reactions and related materials for flameless burning

A UK manufacturer of consumer products is searching for novel exothermic reactions and related materials for flameless burning. The matter is lit in a flame but should give a sustained highly exothermic reaction without a flame for several

minutes. The company has resources for further technical development and commercialisation on a global basis.

K23 - Innovative Die-Casting Technology for Design & Manufacturing of Aluminium and Brass Products

An Israeli SME, highly R&D oriented, that specializes in High Pressure Die-Casting for the automotive and fire protection industries is looking for innovative cast products in the stage of development / design, which require additional R & D work in order to bring these products to the market in an efficient and time saving manner. The company welcomes strategic partners who are interested in cooperation.

ENERGIE – UMWELT

Technology Offer

K24 - Biomimetic technologies for water collection in challenging environments

An academic at one of London's museums has developed biomimetic technology for water management. The technology allows improved water management for communities with scarce resources in various ways, which are modular and can be "picked & mixed" to provide bespoke solutions. The technology promises other applications for sales in the developed world. The academic is looking for partners in the manufacturing industry for joint further development of the technology or licensing opportunities.

K25 - Optimisation of biogas production

A Swedish SME that is an award winning market leader in providing technologies and services that support the efficient design and operation of biogas plants & processes is offering industry leading research in the area of instrumentation, control and automation of anaerobic digestion processes. The company is looking for partners for licence agreements that are turn-key suppliers, designers and entrepreneurs that design and build biogas plants and automation companies.

K26 - Method to improve the thermodynamic cycle of steam turbine

A Latvian company has developed a new technology for electricity production from heat sources of low and very low temperatures. The company is looking for partners that are interested to implement the technology in their products.

K27 - Highly efficient and cost-effective heat storage system with vacuum insulation

A small Austrian company developed a new heat storage system with vacuum insulation. This system causes less heat loss with the same space required and is thus much more efficient than competitive products with normal insulation materials (f.e. rockwool, polystyrene). It can be used for supplying hot water and heating for buildings and high temperature storage for solar tower power plants.

The company is interested in a licence agreement, technical co-operation or financial assistance.

K28 - Waste Water Control System

An Italian company, which manufactures analysis and process control instrumentation for the operators of the environmental sector, developed an innovative system to monitor water infiltrations or wastewater leakages in piping networks. The company is searching for partners for technical co-operation or commercial agreement with technical assistance.

K29 - Battery cyclones installation for gas dedusting

An entrepreneur from south-east Poland offers highly efficient gas de-dusting technology, which could be used in wide scope of application in the power industry, especially in cleaning exhaust gas installations. The technology is ready for field testing. Commercial agreement with technical cooperation is sought.

K30 - Environmentally friendly, non-corrosive road de-icing agent produced from biofuel production waste

A Polish scientist patented an environmentally friendly, non-corrosive, road de-icing agent containing solutions of glycol, polyglycol, alcohol, chlorides and other alkali metal salts and urea. The agent's crucial characteristic is that its components originate from biofuel production waste. The agent is friendly to natural environment, bio-degradable and non-corrosive. It is patented and ready to use. The inventors are looking for future development of the agent and all forms of cooperation.

K31 - Biofiltering technology to filter stink from air

Hungarian small company has developed a biofiltering technology to filter stink. Main advantages: effective stink filtering, cost-efficient, easy to use construction. The technology is mainly suitable for sewage processing plants and animal ranches. The company is looking for industrial or service provider partners for the further development, manufacturing and installing of the technology.

K32 - Medium Voltage electrical equipment

Italian SME producer of components and systems for secondary and primary distribution networks search technical cooperative partners in the fields of electric distribution/general contractor, electric equipment construction. The SME is leading company in the Medium Voltage sector able to offer all the products requested by market employing all the technologies currently available.

Technology Request

K33 - New technology in pipe production for collecting geothermal energy

A small Finnish company has designed a new kind of pipe that allows gathering geothermal energy from different sources. The company is seeking for industrial partners interested in development and manufacturing the pipe.

K34 - Easy to clean surface treatment for steel used in smoke tubes in solid bio fuel boilers.

A Danish SME producing bio fuel boilers is continually developing their product and are interested in a new type of functional coating. Their level of knowledge within this area is limited but they are sure however that a relevant technology is already available. The coating has to be long lasting and easily applied within tubes and of course significantly improve the surface with respect to cleaning using only the built-in ventilation.

K35 - Expertise in production of biogas plants

A Latvian company in cooperation with local researchers plans to start up a production of anaerobic digestion (biogas) plants. The company looks for experienced freelance technical expert who would assist and monitor realization of the project. The company is looking for technical cooperation.

K36 - Innovations on solar energy production (thermal and electrical)

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 of solar energy production. The company is interested in any kind of collaboration.

K37 - Know how sought for utilization and re-use of used tires

An investment company from Israel is looking for a know-how (exchange of information, license agreement) and technology (industrial process, machinery) of utilization and re-using of used tires and industrial applications of the materials which are the output of the utilization process.

K38 - PS FP7 - Biomass gasification and gas turbines

A Spanish company is looking to build up a consortium to participate in the EraSME programme within the FP7. The objective of the project is to develop a micro-plant of biomass gasification and gas turbine.

PRODUKTIONSTECHNIK – VERFAHRENSTECHNIK

Technology Offer

K39 - 6300 Ampere electric switchgear solution for industrial plants

A Polish company from Lublin region active in the energetics sector and the production of switchgear systems has designed and produced a low voltage switchgear system capable of working with the electric current of up to 6300A. The solution is

perfect for industrial plants and other sites with big electricity load. The whole solution has been certified by the Electrotechnical Institute. The product is also CE marked. The company is looking for commercial and/ or technological cooperation.

K40 - Stationary, horizontal single-stage pumps

A medium-size Polish company has developed stationary, horizontal single-stage pumps. Main advantages: pumps intended for hydraulic of sand, gravel, ores of non-ferrous metals, coal, flotation wastes, ash and lime milk as for pumping other heavily abrasive water. The company is looking for industrial partners interested in further development.

K41 - New technology for production of nanoporous carbon detoxicants for mycotoxin poisoning prevention in animal breeding

A Russian SME from Nizhni Novgorod developed a new technology for production of nanoporous sorbents/detoxicants for prevention of mycotoxin poisoning, and tested them on a pilot sample of animals. The detoxicant are produced from wastes of activated carbon production milled into nanoparticles to increase their sorption surface. The company seeks partners to set up a joint-venture for production of detoxicants.

K42 - Method to identify compounds useful for the treatment of inflammatory skin diseases and for the prevention of damage induced by UV radiation.

A Spanish research group has developed a method to detect compounds with immunomodulating effects on the skin that are therefore useful for the treatment of inflammatory skin diseases such as psoriasis and dermatitis. The described method also allows identification of whether a compound protects the skin against UV radiation, that is, if it is useful for the prevention of skin cancer caused by UV radiation. The group is looking for license agreements.

K43 - Material handling system for the manufacturing industry

A Swedish SME, specialising in material handling equipment for the manufacturing sector, is offering handling system based on an over head rail system in aluminium with standardised, yet versatile, lifting equipment. The company is looking for international partners for a commercial agreement including technical assistance, such as technical consultancy.

K44 - Surface texture measurement method for high quality manufacturing process.

A Polish University developed the surface texture measurement method for high quality manufacturing process. Measurement takes into consider the roughness and waviness, topography and shape of product surface. The process lets to measure heads for roughness and shape of surface

automatically and let to transfers texture values graphically in the application software. The system is not expensive and easy to apply in industries process. The University is looking partners to develop know-how.

K45 - Determining and assessing the carbon footprint of industrial operations, broken down to constituent parts

A London-based company has developed the expertise to determine the carbon footprint of industrial operations, focusing on the contributory component areas. The carbon footprint is determined by a combination of site visits and audits, resulting in a detailed analysis of the operation's emissions. Comparison against a benchmark allows targeted intervention to decrease the carbon footprint. The company is looking for industrial partners to implement this tool and joint adaptation to other needs.

K46 - Cavity pressure indicator and optimizing equipment for all injection moulding machines

A Hungarian SME developed a cavity pressure indicator and optimizing equipment. The technology can be used with any kind of injection moulding machine. During injection moulding it measures the changes in pressure and temperature. It is suitable for injection moulding firms and for manufacturers producing injection moulding machines, tools. The company is looking for industrial or supplier partners for further, bus-system based development and for joint venture/financial agreement.

K47 - Ground strengthening technology to increase the load-bearing capacity of loose ground

A Hungarian small enterprise has developed a ground strengthening technology for those not suitable for groundwork. Advantages: increases load-bearing capacity of grounds and reduces sinking. The costly pegging to reinforce the ground can be avoided. The technology is suitable for construction companies. The company is looking for industrial or service provider partner for the manufacturing of precompressing equipment, provision of high performance machinery and the tryout of the technology.

K48 - Advanced rotary internal-combustion engine

An innovative SME from Chelyabinsk, Russia, specialized in mechanical engineering, developed an advanced rotary internal-combustion engine for application in different vehicles. The company seeks partners for testing of new applications and a manufacturing agreement.

K49 - Drying and Long life wood production with carbon dioxide (CO₂)

A French company based in Northern France has developed an innovative system for drying and produce of long life wood lumber with carbon dioxide (CO₂). CO₂ patented technology developed by the company makes the process faster than any other technology with very good quality results. The company seeks to reach licence agreement for specific applications or joint-venture agreements.

Technology Request

K50 - Industrial technology for continuous casting of thin metal strip at a two-roll casting&rolling machine

A Russian SME (Ural region) specializing in metallurgical manufacture needs a technology for casting thin metal strip at a vertical two-roll machine. The technology is required for extending the range of products and making semiproducts (raw materials). The company prefers a technology that is already on the market. The enterprise seeks partners for adaptation of the technology to specific needs.

K51 - New technologies sought for atomisation or dispersal of liquids into the air

Working on behalf of a major international consumer goods company, which is keen to identify novel technologies that will enable a new range of high volume products, an East of England technology development company is seeking new technologies for the atomisation and/or dispersal of liquids into the air. The international company ultimately hopes to enter into a licence agreement with a view to a commercial development collaboration with a suitable partner.

K52 - Non-destructive Technology for Traditional Speciality Guaranteed Status

A Spanish company leader in the production of cured meat products is looking for a NON-destructive technique or technology to measure the parameters, such as traditional composition, requested to receive the Traditional Speciality Guaranteed (TSG) status. The company will use the technique during the curing process and on the final product. The company seeks industrial partners for a commercial agreement with technical assistance.

K53 - Natural fibre from wood pulp to reinforce plastics

A Swedish SME is seeking technologies in order to create biocomposites from wood pulp or natural fibre reinforced plastics. The biocomposites will be used in injection moulding and extrusion processes in order to create products for all kinds of industries, but the focus is on pallets. The company is looking for license agreement or partner with suitable technology for joint exploitation to develop and manufacture this type of biocomposite.

K54 - Ultrasound non-destructive testing scan device for composite structures

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 Silesia region, as well as to conduction of researches on composite materials for industries connected with aviation. The Centre is looking for ultrasound non-destructive testing scan for composite structures and is looking for a business partner in order to sign commercial agreement.

K55 - PS FP7 - Inspection strategies built over multimodal framework

A Spanish ICT-based SME is looking for Research Centers, Universities, Companies and end users for a FP7-SST-2010-RTD-1 project aimed at studying and developing inspection strategies within the multimodal transport infrastructure to guarantee the efficiency and security in the freight inspection processes.

K56 - Innovative technology of offset printing plates production in physical process

Polish company is seeking a technology of offset printing plates production based on physical process (dry process) in computer-to-plate technology CtP. Technology used should be ecological, without toxic wastes that appear in actually used technologies based on chemical processes. Company is interested in commercial agreement with technical assistance.

INFORMATIONSTECHNOLOGIE

Technology Offer

K57 - Computer-aided design system for dome structures

An R&D organization from Nizhni Novgorod, Russia, developed a CAD system for dome structures with various spans: small, medium, large (over 50 meters).

The company is interested in a joint venture or commercial agreement with technical assistance (dome structures engineering on specific requests).

K58 - Novel control algorithm for integration of Active and Passive Vehicle Safety Systems for increased traffic safety

An Austrian university developed a control algorithm for activating an adaptive restraint system at an optimized predefined force level. The innovation based on predicted passenger compartment acceleration considers the collision situation and the occupant. The integration of Active and Passive Safety Systems by a control system leads to decreased injury risk in traffic accidents. The university is looking for industrial partners interested in further development and testing of new applications.

K59 - Networked data structures for a successful knowledge management

Innovations emerge from ideas. In order to involve other participants in these ideas and the subsequent process of innovation, it is necessary to create an appropriate technology to merge and visualize heterogeneous data. The innovation of this SME from Germany provides an exchange of information and knowledge in an early stage of the process and ensures a more efficient use of existing data structures. The company is looking for new fields of application and joint ventures.

K60 - Digital European General Aviation Service

A Latvian SME has developed a concept of digital & automated general aviation service, which contains the main regulations and information on visual flights within Europe. On the basis of this concept the company has started development of a new and customer-friendly Service, which will improve data processing and provide regularly updated, operational and timely delivery of aeronautical data. The company is looking for the technical cooperation to adapt the Service to specific partners' needs.

K61 - GPS registration and showing on a mobile phone

Danish software developer has developed an application which makes it possible to use a mobile phone's GPS to show a map in the field. The developer is looking for partners interested in further developing the product and tailoring it to the needs of their respective clients and markets. Joint venture can also be of interest.

K62 - Recording system of electric noise

A Polish company offers recording system of electric noise which controls electrical signals and in case of crossing high or low threshold value, records all signals for time set in configuration file. Supervisors can see work of whole electrical system before, in and after time of fault. Modular design helps in development and service. The company is looking for partners for commercial agreement.

K63 - Open API technology for content management systems

A Swedish SME has developed a new, unique system, based on Open API, for updating contact details. The technology enables automated updating and back-up of address book and contact management system. It can be integrated on all phones and carriers. The company is looking for partnerships with phone carriers for licensing agreements.

K64 - Partnership in energy efficient building design and Passive House technology

An Estonian spin-off company is looking for co-operation partners. Their specialty is calculations and modeling solutions for energy efficient buildings. They are offering their expertise to construction or architectural companies for developing energy efficient solutions. Preferred form of co-operation is joint further development with companies or research institutes.

K65 - Innovative sign figures for 3D information representation

A Bulgarian inventor has developed 3D figures (letters, words, signs, pictures etc.), that could be used for visual representation of any kind of indoor and outdoor information (advertisement, traffic, multimedia, industry, emergency). The inventor is looking for joint venture, license agreement and partners interested in advertisement, industrial manufacture and further product development.

K66 - An innovative intelligent building solution

An Estonian SME offers an intelligent building control system with a complete set of unique software, innovative electronic devices and expert knowledge. It is the first self-learning solution based on a concept of complete core functionality, neural networks technology and natural use of room occupancy information. It increases the efficiency of buildings' energy usage, at the same time adding comfort and safety for people. Commercial agreements with technical assistance are sought.

K67 - Navigation System for visually impaired individuals

The Joint Research Centre of the European Commission developed a guide system for visually impaired individuals. This system is based on Radio Frequency Identification (RFID) technology, is easy to install, has low production costs, operates on batteries and is suitable for indoor and outdoor use. A prototype has been manufactured and successfully tested and the organisation seeks companies and local authorities interested in licensing in the technology.

Technology Request

K68 - Search for software to design extrusion tools

A Hungarian small enterprise is searching for a developed software based on rheological (flow doctrine) modelling for the design, production, and dimension of extrusion tools.

K69 - Image Enhancement technology sought for cellular phones application

An Israeli SME, pioneer and world leader in personal, portable, scanning dictionaries, reading pens and scanning pens, is looking for image enhancement technology in order to "clean" poor images from superfluous pixels. The technology is needed to convert images captured by phone camera to text (translating as well). The technology requested can either be at the laboratory stage or fully developed.

K70 - Technology to erase mobile phone memory

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

K71 - A software program that extracts text and metadata from Word, Excel, PowerPoint, PDF and other file formats

A Luxembourgish company is looking for a software technology to extract text and metadata from Word, Excel, PowerPoint, PDF and other file formats. The software should run on Microsoft Windows operation system, be tuned for performance and support most of popular file formats. The technology requested can either be at the laboratory stage or fully developed.

AUTOMOBIL – VERKEHR

Technology Offer

K72 - Active RFID seal with tampering indication on the sealing wire and passive RFID on the closure

The Joint Research Centre of the European Commission developed an active RFID seal for the transport of precious or dangerous material under continuous monitoring. This device tracks the material throughout its journey, verifies its correct installation or illegal violation, stores useful information, it is reusable and can be coupled with GPS antennas. A prototype has been manufactured and successfully tested and the organisation seeks companies interested in licensing in the technology.

K73 - Large Crash Test Simulator

The Joint Research Centre of the European Commission developed a Large Crash Test Simulator for simulating the safety performance of transport units. Advantages include the precise

testing of large units at lower costs, testing of bodies in isolation from their entire structure, reaching very large deformations during testing and measuring the energy flow at any cross section of the specimen. Partners are sought for licensing.

K74 - Anti-theft system for different types of vehicles including boats

A Greek company, active in electronics, offers an anti-theft system suitable for various types of vehicles including cars, coaches, motorcycles and boats. The system is distinguished for its reliability, since it is almost impossible to be forced after it is installed in the vehicle. It is provided in various configurations addressing vehicles' special needs. OEM (Original Equipment Manufacturer) partners and system integrators are sought for Commercial agreement with Technical assistance.

K75 - Binary Active Lighting System for Surface Quality Inspection of Transparent Parts

An Andalusian group (Spain) proposes an innovative lighting system. It is capable of revealing different types of surface defects on transparent parts with planar and non-planar geometry. The main advantages are its flexibility for enhancing different types of defect with the same device, and the time reduction in the image acquisition and processing allowing the real time inspection. This research group is looking for technical cooperation agreements.

K76 - Adaptive Aircraft Helicopter

In the frame of a National Project, a new concept in aircraft is being developed by a Spanish Consortium. It acts like a helicopter in the phases of take off, landing and fixed point flight, and like a conventional airplane in the cruise flight phase, where it changes its flight configuration automatically, unfolding wings under its carriage and transferring the engine power to a propeller. The research group is looking for technical cooperation.

K77 - Thin, Flexible Light Sources for Interior Illumination & Illuminated Capacitive Switches on Vehicles

A Scottish SME has developed and patented thin (= 1mm) printed lightguides with embedded LEDs (Light Emitting Diodes) for use in automotive and transport markets to create interior illumination, instrumentation displays and informational displays. Manufacturing agreements are sought with vehicle manufacturers and tier 1 and tier 2 suppliers to the automotive and transport market.

Technology Request

K78 - Public Bike Sharing Systems

A Maltese company wants to develop an alternative means of transport, incorporating bicycles, for highly developed towns by providing commuters with a technologically advanced, ecologically friendly, hassle-free mode of transport, and most important of all, a solution to parking and traffic problems. The company is looking 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

K79 - Freon-free refrigerators for liquid and solid foodstuff storage and transportation

A small company from Nizhni Novgorod, Russia, developed a new concept of refrigerators with a vortex tube as a refrigeration source instead of freon. The new refrigerators can be used for storage and transportation of liquid and solid products. They enable adjustment of humidity in the cooling chamber, creation of preserving air mixtures; they are efficient in operation, low-cost and environmentally friendly. The company seeks partners for technical cooperation or for a joint venture.

K80 - Inactivation of pathogens with LED

A Dutch SME has developed a technology for inactivation pathogens with pulsed infrared LED light in combination with warm and cold, white LED light. The technology has several applications a.o. water disinfection, prolonging shelf life & safety of food, vegetables, fruits and flowers and combination of illumination and disinfection. The company is looking for company in the water or food/flower sector. They are proposing a manufacturing- and/or license agreement per market niche.

K81 - Method and apparatus for the improvement of nutritional quality of leafy vegetables

Lithuanian firm is offering a lighting technology which can be applied in greenhouses for short-term pre-harvest treatment of leafy vegetables. The method allows for a fast decreasing of the concentration of harmful nitrates by several times, while the content of some nutrient compounds (e.g., carbohydrates) increases. Partner is sought for further R&D projects as well as for commercial cooperation.

K82 - Procedure for obtaining genetically modified yeasts for aging wine elaboration

An Andalusian group (Spain) has developed a new genetically modified yeasts, capable of forming biofilm at the interface liquid-air, and the procedure for obtaining fungus and yeasts capable of deforming a biofilm. Also the biofilms formed at the air-liquid interface by fungus or yeast and its various applications, specially for the production of biofilms for wine aging elaboration. The group seeks to transfer the technology through entering into license agreement.

K83 - An innovative technology for hard cheese cutting to ensure precise weight

In order to expand export markets one of leading dairies from Latvia is looking for a technology for hard cheese cutting to ensure precise weight for each piece of cheese. The precise weight of each piece is required in order to adopt the product for new market needs. The technology should be tested and ready for implementation.

K84 - Flexible automatic equipment for food packaging in vacuumated and/or thermo-shrinking bags on processing line

A Romanian company developed a food products packaging line designed to provide great flexibility, easy to adjust regarding the production demands. The company seeks partners for license agreement or commercial agreement with technical assistance

K85 - Modern ultrafiltration station for separation and concentrate particles

A company from south-east Poland is a manufacturer of machines and equipment for the food processing industry (especially meat and fish processing), sewage treatment plants and the machining of acid resistant steel. The company is looking for partners interested into implementing ultra filtration station technology into their production process. Technology is proved and ready for demonstration.

Technology Request

K86 - Innovative Packaging or Label for Sliced Cured Ham

A Spanish company is looking for a sort of label or packaging that provides consumers with information about product quality along its shelf-life. The solution must be suitable for ready to eat cured ham. Proposed technologies can be

commercially available or under development. The company is open to different kinds of cooperation, depending on the development stage of the proposed solution.

K87 - Packaging for preservation of cured ham organoleptic properties

A Spanish SME, leader in the production of cured meat products, seeks either techniques or packages with the capacity to maintain the organoleptic properties of its ready to eat cured ham along the shelf life. The sought solution should extend the shelf life of this product. The solution must be commercially available. The company is interested in a commercial agreement with technical assistance with package providers or research centers.

K88 - Production system to produce organic-fruit chocolates

A Spanish company from the agrofood sector is specialized in producing and processing organic fruit. In order to meet clients requirements and to enter a new market, the company wants to extend its current business activity to the production of organic-fruit chocolate. The company is interested in commercial agreements with technical assistance for the implementation of a production system for fruit chocolates.

K89 - An innovative technology for hard cheese cutting to ensure precise weight

In order to expand export markets one of leading dairies from Latvia is looking for a technology for hard cheese cutting to ensure precise weight for each piece of cheese. The precise weight of each piece is required in order to adopt the product for new market needs. The technology should be tested and ready for implementation.

TEXTILVERARBEITUNG

Technology Offer

K90 - New applications for PVC and PU coated textiles

A Flemish SME is looking for industrial partners to jointly develop new technological applications for PVC and PU coated textiles. The company is one of the leading transfer coating companies in Europe and, produces PVC and PU coated textiles up to a width of 220 cm. Advantages of the technology are the ability to produce soft, elastic and flexible articles and the possibility of low coating weights.

Technology Request

K91 - Removing Unreacted Epoxy from Non-Woven products

A large US company is looking for technology or expertise that can easily remove unreacted epoxy from non-woven-like epoxy sheets. They are interested in licensing, technology consultation, joint development, contract development, facilities installation and equipment sales.

SONSTIGE

Technology Offer

K92 - Biomimetic products and processes for paints with novel properties

An academic at one of London's museums has developed a biomimetic process to manipulate the properties of materials through their microstructure. Through this process, he has already developed self-cleaning, transparent paint; applications of this include increasing the efficiency of solar panels. The academic is looking for an industrial partner in the chemical industry to make products with novel properties and jointly develop the technology further to make and commercialise existing products.

K93 - Technology for ball games to measure exactly the speed of the ball and its score place in the goal

A Hungarian SME is developing a technology for ball games to measure exactly the speed of the ball and its score place in the goal. The speed of the ball, from which direction and its score place in the goal, can be determined at the same time. The technology is suitable for handball, football, baseball teams and for commercial companies. The company is looking for an industrial or service partner to develop and manufacture the technology, to create and to introduce new ballgames and races.

K94 - Seating System for Disabled Adults

UK University research has led to the development and manufacture of a unique modular multi-adjustable seating system, which can be customised to accommodate the individual seating needs of disabled adults. The research group is seeking partners to manufacture and distribute this new technology under licence.

K95 - A single assisted living device that senses movement, temperature and door opening, and sends alerts to mobile

A UK company proposes a single device, which fits in a light socket, that combines the sensing of movement and change in temperature and sends text message alerts in case of unusual readings. No computer or network is needed. The thermopiles inside the device detect static bodies like a person in need, or parts of a room going unusually hot or cold. Manufacturers of assisted living systems are sought for licensing and adaptation to specific needs.

Technology Request

K96 - Innovative paint for rollers of silage press and straw presses

Polish medium enterprise is producing agricultural machinery. The company is looking for an innovative and very resistant paint for silage and straw presses elements painting. The enterprise is interested in commercial agreement with technical assistance.

K97 - New Golf scooter; perfect substitute for the golf cart or as a help for persons with limited physical strength.

An inventor from southern Sweden has developed a Golf scooter with innovative solutions that makes it very user-friendly and easy to transport in your car. The unique qualities makes it specially useful for older people and for persons with functional limitations, or as a substitute for the golf cart. The Golf scooter has two batteries and that is enough to take a long round of golf. The Swedish inventor is looking for commercial agreements with technical assistance.

K98 - Wooden windows protection from possible damage during installation process

A Latvian company producing wooden windows and doors is looking for technology/material for protection of the wooden windows during installation process. The company is looking for industrial partners and suppliers of suitable materials and technology for technical cooperation.

K99 - Prototype and production of an educational aid for the teaching of music to children

A group of music teachers from Greece has designed an educational aid to enhance the teaching of music to children. The aid comprises of an attaché briefcase, books and Compact Discs with training material. The briefcase incorporates audio / visual and tactile aids for the teaching of music. The group is looking for an industrial partner for manufacturing agreement, who could create a first working prototype in cooperation with them and then continue with the production of the final product.

HERAUSGEBER

Enterprise Europe Network Bremen
DD Die Denkfabrik Forschungs- und Entwicklungs GmbH

Postfach 34 70 76 Hochschulring 6
D-28339 Bremen D-28359 Bremen

Tel: 0421 - 20156-0
Fax: 0421 - 20156-90

Redaktion: Barbara Wernicke
Trotz sorgfältiger Bearbeitung erfolgen alle Angaben ohne Gewähr