

Catalogue of Participant Profiles

Brokerage Event Horizon 2020

Ostrava, 2nd September 2014



Academy of Business in Dąbrowa Górnicza

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AREAS OF ACTIVITY: Europe in changing world – inclusive, innovative and reflective societies, Green cars and e-mobility, Health, demographic change and well-being, ICT – Information and Communication Technologies, Secure societies – protecting freedom and security of Europe and its citizens, Secure, clean and efficient energy, Smart, green and integrated transport

WE OFFER

Equity personal experience and participation in many projects of the European Union, Cross-Border, Visegrad Fund, the Norwegian in the field of management science, information technology, social, logistical. Very good scientific base and location.

WE LOOK FOR

Partners for the implementation of joint projects in the area of management of small, medium-sized enterprises; Information technology and communication; ICT; logistics; information technology; security; social problems; new technologies; safe, green and efficient energy.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Participation in the draft as a team-mate; ability to conduct research; the possibility of mutual exchange of scientific

ACCENDO – Center for Science and Research, o.p.s.

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Europe in changing world – inclusive, innovative and reflective societies, Health, demographic change and well-being, Smart, green and integrated transport, Other

WE OFFER

Science and research

Integrated approach to solution of risk in the field of social and safety research.

Development of certified methodology in area of sustainable development and environmental impact assessment of national policy

Assessment of need for public investments in a region with emphasis on effectiveness, efficiency and economy; feasibility studies

Software products and web applications development

Integrated Urban Development Plan, integrated territorial investment, integrated mobility plan for transport

City and regional marketing, particular product proposals

Materials for communal planning of social services: networking and financial planning, transport accessibility, optimizing possibilities

Concept of urban housing: low-cost and social model, homelessness prevention systems, solutions of hostels

Labour market analysis, identification of problematic areas, realization of social inclusion programme, predictions of the area development

Sociological research and statistical methods

Multicriterial, spatial, predictive analyses.

Evaluation research.

Sociological research: representative surveys of public opinion (PAPI, CATI, CAWI); surveys of the business environment; group discussions (Focus Groups); Mystery Client.

Evaluation and expert opinions

Evaluation of projects and operational programmes: ex-ante, mid-term, ex-post.

Development of expert opinions and attitude for needs of government authorities.

Regulatory Impact Assessment (RIA): systematic evaluation of expected impacts of proposed policies and legal enactments.

Through creative scientific work, we spread knowledge about the humanity, culture, society and environment. Using basic research, we perform experimental and also theoretical work to obtain relevant knowledge about observed phenomena. In the applied research, we head the acquired knowledge to the practical usability by ministries and other organizational units of the state, local governments and other subjects. Based on our experience, we apply new professional knowledge with high added value into everyday practice.

WE LOOK FOR

Partners for participation on projects in Horizon2020

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We are looking for serious partners for cooperation in various projects in Horizon2020 and other.

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AREAS OF ACTIVITY: Health, demographic change and well-being, ICT – Information and Communication Technologies, Secure societies – protecting freedom and security of Europe and its citizens, Secure, clean and efficient energy

WE OFFER

ADDSEN Company can become a member of HORIZON 2020 project consortium with following roles in particular activities:

MANAGEMENT:

- Project management
- Administration and reporting
- Communication infrastructure
- Intellectual property rights management

RESEARCH and DEVELOPMENT

- Analytical phase
- Ethical issues
- Use cases development
- Contribution to reports

DEMONSTRATION

- Scenario creation
- Testing facilities
- Interim demonstrators
- Final demonstrators

DISSEMINATION

- Publications
- Presentations
- Social media campaigns
- Exploitation plan

WE LOOK FOR

PARTNERSHIP

- Joint development of projects in H2020
- Networking all around the Europe
- Any type of organizations: SME, Enterprise, Research bodies, Public bodies

IDEAS that need to be developed

- Strategies for private business, enterprises and research organisations
- We organize user requirements workshops
- We provide exploitation strategies and IPR services on demand

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

ADDSEN can serve as a proposal preparation leader with following roles:

- ☐ Feasible project planning and concept evaluation
- ☐ Balanced consortium setup
- ☐ Elicitation of win-win budget shares
- ☐ Consultation with the EC personnel
- ☐ Proofreading and refinements

Agrovýzkum (Agridresearch) Rapotín s.r.o (Ltd)

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology, Climate action, environment, resource efficiency and raw materials, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being, Other

WE OFFER

- Project idea (inc. cooperation with manufacturer and producer of biochar Czech provenience;
- Expertise;
- Research infrastructure;
- Hosting for research fellows

WE LOOK FOR

(i)Participants in Call topic "Waste-7-2015 - Ensuring sustainable use of agricultural waste, co-products and by-products", coordinated by our Institute (see "Additional specification of expected cooperation" (see below)

(ii)Coordinator or/and partners in biochar research addressed to its remediation effects when applied to the damaged and/or contaminated soils, grassland, etc.

Hence,we are looking for the research organisation/institution as well as SMEs with a similar focus on manufacturing and/or application of convenient kinds of biochar to improvement and remediation soils within arable and grassland area. Great emphasis is placed on the improvement of soil pH (acidity mitigation), structure, exchange capacity, increasing the biomobility of phosphorus, potassium and a some micronutrients, etc.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Project Thesis for the Call for Proposals HORIZON 2020

Project title:

„Utilization of agricultural wastes and biological transformation of organic matter – effective tool to reduce emissions and to improve soil nutrient regime”

Project coordinator: Agrovyzkum Rapotin Ltd. (CZ)

Call topic: „Waste: A resource to recycle, reuse and recover raw materials“.

Call identifier and title: WASTE-7-2015 „Ensuring sustainable use of agricultural waste, co-products and by-products“.

Deadline of the first stage: 16. 10. 2014

Deadline of the second stage: 10. 03. 2015

Total project budget: approx. 7 mil. EUR

Expected project duration: 01/2016 – 12/2019 (48 months)

Introduction to the project and its coherence with the Call topic:

Agricultural production creates many residues and wastes, which have not been adequately utilised and appraised yet. Therefore, their subsequent utilization in agriculture and in other related sectors is necessary for the elimination of environmental burden. After their appropriate treatment, these products can be used as fertilizers, as sources of bioenergy, or as valuable bioproducts with substantial economical and ecological benefits. This project responds to current the necessity for environmental protection by means of sustainable utilization of agro-ecological sources, including the need to solve carbon sequestration and mitigation of CO₂, NH₃ and CH₄ emissions. The project's outcome is based on the synthesis of knowledge about interactive relationship between biosphere, ecosystems, and anthropogenic activities. Thus, this project creates the scope for efficient integration of life and technical sciences, together with applied socio-economic research.

Project framework and research tasks:

The project proposal is designed for solving research tasks in two related levels:

1) The first level includes:

- to provide evidence of the activator's efficiency to transform organic matter in manures and its influence on: (i) the microclimate conditions in the barn; (ii) the bedding material consumption; (iii) the increase of nutritive value of fermented organic manures;
- to verify the influence of fermented organic manure application, composts from biowastes and soil additives on: (i) the changes in physical, physico-chemical, and biological soil properties; (ii) organic matter fixation; (iii) the enhancement of infiltration and water retention capacity; (iv) the decrease of erosion risks; (v) the decrease of energy demand for soil tillage.

2) The second level includes:

- utilisation of the organic matter in manures and agricultural wastes, which underwent fermentation process, for the biochar production;

(Biochar will be manufactured in cooperation with the producer that has at his disposal innovative technology for the carbonization of residual plant biomass of different origin: fermented wastes, farmyard manure, separated slurry, separated digestate from biogas plants.)

- the immediate biochar application in different doses to the fields belonging to the participants involved in the project;
- assessment of the interactions in agroecosystems in combination with minimized doses of mineral fertilizers;
- monitoring of soil parameters (identical with the previous research scope), putting emphasis on the detailed evaluation of change in soil systems - including elimination of soil acidification (monitoring changes in active forms of Al, Fe, Mn), biobility of potential risk elements, detailed specification of soil microbial biomass, retention of nitrates, phosphates and sulphates in soil environment (using lysimeters).

Project objectives:

- a) reduction of NH₃ and CO₂ emissions and odour burden in intensive factory farming;
- b) efficient utilization of fixed ammoniacal nitrogen and other nutrients (P, K, Ca, Mg, C/N) in organic manures; thus, reducing total consumption of applied nitrogen produced from non-renewable resources, that is legislatively limited by the Nitrates Directive (91/676/EEC);
- c) implementation of new methods, which use biological activators of organic matter transformation for: (i) the

elimination of ammonia and greenhouse gases emissions with an expected positive impact on the microclimate conditions in the barns, and animal health and welfare; (ii) improvement of fermentation process of organic manures; (iii) the enhancement of farming economy;

d) implementation of new methods which use high-quality organic manures and soil amendments, for:

(i) the improvement of physical, chemical and biological soil parameters, with emphasis on the soil organic matter content, and the soil structure and hydrology (in relation to soil resistance to erosion);

(ii) the decrease of energy demand for soil tillage operations, with the aim to reduce fossil fuel emissions;

e) to increase the yield and quality of agricultural products; reduction of plant stress, and enhancement of plant vitality by means of reduction of impact of degradation factors from anthropogenic influences on soil caused by agricultural technologies intensification (such as contour tillage, seedbed preparation, harvest);

f) to substantially decrease operating expenses (fertilizers, bedding material, manure transport and application, veterinary treatments) and to increase animal performance;

g) the optimization of biochar doses application using the representative soil types belonging to involved project participants; specification of minimal doses of mineral fertilizers necessary for simultaneous application;

h) quantifying the influence of different doses of biochar on CO₂ and NH₃ content in the atmospheric surface layer, evaluation of carbon sequestration and mitigation effect of biochar in the given agroecosystems;

i) increasing the applicability of biologically degradable municipal and agricultural wastes by means of the anaerobic fermentation (composting and anaerobic digestion) leading to the improvement of soil organic matter and other chemical, physical, and biological soil properties;

j) innovation of carbonization technology for the biochar production using the mentioned by-products and wastes, and subsequent evaluation of the economical and ecological applicability.

Contacts for coordinator person:

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WE OFFER

- Project idea (incl. cooperation with manufacturer and producer of biochar the Czech provenience);
- Expertise;
- Research infrastructure;
- Hosting for research fellows

WE LOOK FOR

(i): Participants in Call topic "Waste-7-2015" - "Ensuring sustainable use of agricultural waste, co-products and by-products" coordinated by our Institute;(see part "Additional specification of expected cooperation" below);

(ii): We are looking for Coordinator and/or the research organisation/institution as well as SMEs with a similar focus on manufacturing and/or application of convenient kinds of biochar to improvement and remediation soils within arable and grassland area. Great emphasis is placed on the improvement of soil pH (acidity mitigation), structure, exchange capacity, increasing the biomobility of phosphorus, potassium and a some micronutrients, etc.

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AREAS OF ACTIVITY: ICT – Information and Communication Technologies

WE OFFER

zapojení do přípravy projektu v oblasti výzkumu a realizace transferu inovací a znalostí o podnikání malých a středních podniků

WE LOOK FOR

koordinátora nebo partnera pro H2020, inovace malých a středních podniků

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

zájem o spolupráci v jiných projektech, zájem o region Moravskoslezského kraje a příhraničí s Polskem a Slovenskem

Alfa Plastik, a.s. (division Bruntál)

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Energy efficient buildings, Factories of the future

WE OFFER

Production and assembly of plastic parts, design and production of moulds.

WE LOOK FOR

Cooperation partners.

Either those looking for solutions of logistics based on plastic containers or other plastic parts
Or those active in the design or in the construction of such.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Cooperation partners.

Either those looking for solutions of logistics based on plastic containers or other plastic parts
Or those active in the design or in the construction of such.

ANDALTEC

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology, Factories of the future, Green cars and e-mobility, Nanotechnologies, Smart, green and integrated transport

WE OFFER

We are made up by a team that consists on PhD's, PhD students, Engineers, Designers and Chemistry and Physics Graduates. Among them there are experts in the field of polymers and a engineering department with appropriate software for simulation processes.

Andaltéc counts with:

- Physic and Chemistry Laboratory to carry out analysis and testing with plastic materials and finished products.
- Dimensional Metrology to provide precision engineering measurements (of big and small tools, gauges and pieces parts).
- Injection machines, extruders, laser welding to validate plastic products manufacturing processes.
- Lab of light testing and experimentation (tunnel lighting system), a Simulation Lab of vehicle-pedestrian impact, prototype manufacturing and Pilot Plant.

WE LOOK FOR

Partners and/or coordinator in order to apply to Horizon 2020 in the field of polymers and multi-materials technologies.

We are open to any proposal we can be useful, e.g. next calls:

- NMP 3 – 2015: Manufacturing and control of nanoporous materials.
- NMP 6 – 2015: Novel nanomatrices and nanocapsules.
- NMP 7 – 2015: Additive manufacturing for table-top nanofactories.
- NMP 17 – 2014: Post-lithium ion batteries for electric automotive applications.
- NMP 19 – 2015: Materials for severe operating conditions, including added-value functionalities.
- NMP 22 – 2015: Fibre-based materials for non-clothing applications.
- NMP 24 – 2015: Low-energy solutions for drinking water production.
- NMP 29 – 2015: Increasing the capacity to perform nano-safety assessment.
- NMP 30 – 2015: Next generation tools for risk governance of nanomaterials
- FoF 10 – 2015: Manufacturing of custom made parts for personalised products.
- FoF 11 – 2015: Flexible production systems based on integrated tools for rapid reconfiguration of machinery and robots.
- FoF 12 – 2015: Industrial technologies for advanced joining and assembly processes of multi-materials.
- FoF 13 – 2015: Re-use and re-manufacturing technologies and equipment for sustainable product lifecycle management.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We are a high-tech SME, so we can need the cooperation of both research centre institutions and bigger enterprises closer to the market.

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being, ICT – Information and Communication Technologies, Smart, green and integrated transport, Other

WE OFFER

the appCreate is a start-up company based in Rzeszow (Poland).

We are focused on the highest quality mobile solutions for industry, based on innovative technologies.

Our services consist of creating native mobile applications optimizing business processes but also providing one of its kind product which is mobile app generator, fully managed by the CMS panel. Developed for most popular platforms like iOS, Android and Windows Phone, offering advanced functions such as geotargeting, informative functions and promotion.

the appCreate also offer mobile solutions based on Low Bluetooth Energy technology as well as iBeacon based applications (LBE) able to show the location of users inside buildings, or tagging objects with the possibility of tracking them by the application.

With many years of experience behind our founders, we're constantly expanding our product range, adding new technologies and solutions and bringing together eminent IT specialists. Currently in the process of creating a new department implementing applications used by newest technologies such as google glass.

WE LOOK FOR

All companies willing to benefit from our services.

We would like to cooperate with entrepreneurs, managers as well as companies who are being aware of the importance of mobile presence and are interested in their growth using best new technology solutions.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We are open for cooperation in many different ways depending on type of business and the target product specifications.

Aquaprofit Engineering, Consulting and Investment Co.

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Green cars and e-mobility, Secure, clean and efficient energy, Smart, green and integrated transport, Other

WE OFFER

Aquaprofit Co. is an international company that provides consultancy, engineering and management services in the fields of Water, Environment, Tourism, Regional Development and Energy.

Due to its excellent staff composition made up of water engineers, hydrologists, hydrogeologists, geologists, water professionals, environmental and civil engineers, economists, Aquaprofit Co. is market leader in water management and environmental protection in Hungary and holds substantial experience in developing, managing and assisting international collaborative projects (Europaid, IPA, PHARE CBC, CIP-IEE, FP7, LIFE+, HORIZON 2020 etc.).

Expertise:

Assessment, evaluation, improvement of drinking water quality (research, planning, technical design and implementation, including construction)

Drinking, waste water treatment technologies

Environment and water source protection, sustainable water use

Hydraulic construction, planning

Water supply systems, optimisation

Flood protection, hydraulic modelling

River and floodplain rehabilitation

Renewable energy sources - engineering

Geothermal energy utilisation

WE LOOK FOR

Aquaprofit Co. is interested in EU funded call for proposals and tenders in the following topics:

- Drinking, ground- and waste water projects
- Environmental protection
- Tourism and regional development, (cultural heritage, etc)
- Integrated projects
- Geothermal energy, energy efficiency or biomass
- EU - China cooperative projects

We are looking for projects and partners holding innovative waste, drinking water treatment technologies, and water utilities open to cooperation. Moreover would like to participate in research projects on the above fields.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

To find innovative solutions on the field of water, energy and environment.

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AREAS OF ACTIVITY: Advanced manufacturing and processing, ICT – Information and Communication Technologies, Other

WE OFFER

Flexible and innovative solutions based on modern technologies tailored to your needs.

Machine vision systems for:

- automation of quality monitoring,
- evaluation of input material quality,
- production efficiency increase,
- reducing of claims,
- optimization of production process,
- saving energy costs and labor,
- contactless measurement.

Software development on Microsoft .NET platform aimed to production:

- production planning systems,
- manufacturing systems connected to production technology,
- simulation mathematical models,
- data acquisition systems,
- analytical and statistical tools.

Automation of single-purpose machines based on microcontroller platforms.

WE LOOK FOR

Manufacturing companies opened to innovative technologies.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

To build together an innovative solution for your company according to your requirements.

To develop an innovative solution with manufacturing company for a market.

Asistenční centrum a.s.

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology, Climate action, environment, resource efficiency and raw materials, Green cars and e-mobility, ICT – Information and Communication Technologies, Nanotechnologies, Smart, green and integrated transport, Other

WE OFFER

The company “Asistenční centrum a.s.” is one of the leading consulting companies in the Czech Republic, which has specialized for the last 17 years in strategic and economic advisory in obtaining grants and financial help for development. We have brought to our clients more than 11 billion CZK (€ 400 million).

At the moment we are working on an Europe-wide database of subjects with quality research and development infrastructure and R&D program, which are interested in participating in research projects within the framework of Horizon 2020. We offer you to become a member of this database.

Our services are aimed at consultancy and project preparation, search for suitable calls and partners in Horizon 2020.

For more information about our company, visit our web portal at <http://en.asistencnicentrum.cz/>.

WE LOOK FOR

Cooperation with universities, research institutes and research oriented companies.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We expect a cooperation to expand the database of cooperating R&D institutions and a cooperation in the field of consultancy and project preparation.

ATEKNEA Solutions

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H-1119 Budapest
Hungary

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www: <http://ateknea.com>



AREAS OF ACTIVITY: Advanced manufacturing and processing, Climate action, environment, resource efficiency and raw materials, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being, ICT – Information and Communication Technologies, Secure, clean and efficient energy, Smart, green and integrated transport

WE OFFER

Free proposal writing for good SMEs - H2020 SME Instrument (no writing fee, no success fee)
Subcontracted research and development in SME Instrument

We also gladly participate and manage consortia, help with the proposal writing and management - depending on the subject - as an RTD organisation.

Ateknea was the No. 1 private company in Europe in FP7 - Research for the benefit of SMEs (predecessor of H2020 SME Instrument)

WE LOOK FOR

Eligible and good SMEs with good ideas
Already existing consortia on selected topics, where an additional helping hand may be needed.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We will put our 16 years of EU grant expertise and research&development capacities behind companies and organisations who believe in their ideas.

Our proven track record shows that we will be able to double the chances of winning - we have cooperated with hundreds of partners in EU framework programs

BIC Bratislava (Business & Innovation Centre)

CONTACT PERSON

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ADDRESS

Zochova 5
81103 Bratislava
Slovakia

e-mail: filus@bic.sk
www: <http://www.bic.sk>



AREAS OF ACTIVITY: Secure societies – protecting freedom and security of Europe and its citizens, Other

WE OFFER

EU research, business and innovation support

Research and innovation through EU programmes

- coordination of the Enterprise Europe Network in Slovakia
- preparation, management and implementation of EU funded projects (Horizon 2020, COSME, Central Europe, EU Structural Funds)
- National Contact Points for Innovation in SMEs, Access to Risk Finance

Support of participation in the EU RTD programmes:

- Assistance in information dissemination
- Development of proposals
- Project management
- Screening of proposals
- Partner search for EU and national research and development
- Programmes in the frame of Enterprise Europe Network

WE LOOK FOR

Partners and clients for Horizon 2020 and COSME

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Any

BIOCHAR s.r.o.

CONTACT PERSON

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www: <http://www.ibiochar.cz>



AREAS OF ACTIVITY: Biotechnology, Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

Our fields are biochar, pyrolysis, efficient energy, waste, liquidation of waste, environment.
So European grants too (direct from Brussels - HORIZONT and Czech grants).

WE LOOK FOR

Partners for these fields.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

various

BOHUMÍNSKÁ STROJNÍ KOVOVÝROBA s.r.o.

CONTACT PERSON

Josef Kaplan
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ADDRESS

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735 51 Bohumín
Czech Republic



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www: <http://www.bskmetal.cz>

AREAS OF ACTIVITY: Advanced manufacturing and processing

WE OFFER

B.S.K. s.r.o. is an engineering company, offering complex services in the whole range of treatment with metallurgical material and metal workshop with the specialization in processing metal sheets, closed profiles, tubes and wires, especially production of shelf equipment for shops, shopping centres and shopping markets, using more than 20 years of experience in this branche. Our own construction department uses modern software, that allows to find and offer solutions for our customers and for the production.

Our company offers:

- 3D designing with INVENTOR software
- laser cutting with TRUMPF CNC machines
- material shearing with SAFAN CNC scissors and ADIGE CNC machine
- material bending with TRUMPF and SAFAN CNC press
- material welding MIG, TIG, spot welding with CLOOS welding machine
- powder coating

WE LOOK FOR

New business partners and clients, cooperation with universities.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

cooperation on projects

Borsodi Műhely Kft.

CONTACT PERSON

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9027 Győr
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AREAS OF ACTIVITY: Advanced manufacturing and processing, Space, Other

WE OFFER

Individual and small-serie precision machine parts / spare parts manufacturing.
Process control and measuring equipment design and manufacture
Designing and machining of individual assembly-, testing-, measuring and controlling equipments.
Heat-Treatment and Material testing.
Repar and renewal of machine units/power spindles.
Reasearch and Development.

WE LOOK FOR

Potential project to join offering our capabilities/services.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Interested in joining projects offering our services.

Brno University of Technology

CONTACT PERSON

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ADDRESS

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602 00 Brno
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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Europe in changing world – inclusive, innovative and reflective societies, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy

WE OFFER

Our professional team is focused on water management and water resources as well as usage of hydropower energy function of reservoirs and reservoir system.

We offer various kind softwares for computing flood and storage function of these water systems.

Our softwares are able to solve various surface water resources problems and hydropower problems in the long term (strategic water management solutions) and short term (real time operation management) time period. We are able to do deterministic and robust solutions of all these kind of computation and used for real time operation management newest approach of hydrological predictions.

WE LOOK FOR

Water management industry, energy corporation, scientific organization focused on environmental and water research as well as hydropower or renewable energy resources research.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We looking for stabil partner in our field of research interest to create the national and international research team.

Centre for Social Sciences Hungarian Academy of Sciences

CONTACT PERSON

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1014 Budapest
Hungary



e-mail: bozso.beata@tk.mta.hu
www: <http://tk.mta.hu>

AREAS OF ACTIVITY: Europe in changing world – inclusive, innovative and reflective societies

WE OFFER

Basic research on wide range of fields of sociology, political sciences, legal and minority studies. Long time experience in international cooperation, national and EU or other internationally funded projects.

WE LOOK FOR

Consortium primarily for SC6, but also open to offer to add the social horizontal aspect for H2020 projects. We also welcome cooperation possibilities in other programmes, i.e. International Visegrad Fund or bilateral cooperation including contractual service.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Look for cooperation with research centers, universities also with companies.

Centrum Badań i Innowacji w Edukacji

CONTACT PERSON

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AREAS OF ACTIVITY: Europe in changing world – inclusive, innovative and reflective societies, Green cars and e-mobility, Health, demographic change and well-being, ICT – Information and Communication Technologies, Secure societies – protecting freedom and security of Europe and its citizens, Other

WE OFFER

1. Research in the field of science, education, culture, art, protection of cultural heritage and traditions, care and social assistance.
2. Leading national and international scientific workshops, educational activities , conferences, seminars , lectures , exhibitions , etc.
3. Organizing trips and stays for administrative and research employees in order to foster cooperation and experience exchange.
4. Establishing cooperation with national and foreign institutions that has similar activities.
5. Publishing activities with the aim to implement the statutory objectives : analysis, publication and dissemination of the results obtained from the research.
6. Implementation of information technology, mass media, new technologies, etc. to research;
7. Acquisition of financial grants and taking other measures to finance ongoing research, educational, cultural and social activities.

WE LOOK FOR

Institutions that promote equal educational opportunities to all social groups, fight against social exclusion and support people at risk of marginalization, making them activate through comprehensive development, improve efficiency and quality of life.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

- Exchange of experience and know how
- Provide a fluent and effective communication by participating by all the means in a way that makes possible the cooperation and production of the deliverables.
- Collect information about previous researches and projects, providing summarized information to the leader.
- Run surveys and gather data.
- Improve the deliverables by providing appropriate content and corrections.
- Apply the results of deliverables in the own institution or in an associated institution, creating or re-designing their educational actuations or introducing a new course according to those guides.
- Evaluate the results in the institution and courses measuring the increase of quality through the indicators defined in the deliverables.

CIAFEL - Faculty of Sports, University of Porto

CONTACT PERSON

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www: <http://ciafel.fade.up.pt>



AREAS OF ACTIVITY: Health, demographic change and well-being, ICT – Information and Communication Technologies, Other

WE LOOK FOR

Projects looking at the main areas where we have expertise.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

cooperation in international projects allowing exercise activities. networking

Czech Environment Management Center

CONTACT PERSON

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28.pluku 524/25
10100 Prague
Czech Republic



e-mail: euenv@cemc.cz
www: <http://www.cemc.cz>

AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials

WE OFFER

We offer evaluation of projects, including certified methods.

We provide the third-party verification of the performance of environmental technologies arriving on the market. For innovative technology developers, in particular SMEs, this is a way to prove that their technology indeed delivers as they claim, it helps them differentiate their products from that of competitors and to gain more credibility on markets. They can use the 'Statement of Verification' delivered by Environmental Technology Verification(ETV) to convince new customers or investors and have an easier access to new markets. This verification is based on rigorous tests, with a European procedure ensuring that the results are recognized throughout Europe in the same way. The starting point of the procedure is the performance claimed, not existing standards or legislation: the objective is to validate what makes a technology special, not only that it conforms with legal requirements. For more information please visit <http://www.tretiruka.cz/eu-etv/> and <http://iet.jrc.ec.europa.eu/etv/>

WE LOOK FOR

We are looking for candidate environmental technologies for verification under the EU ETV Programme. Environmental technologies are all technologies (products, processes and services) whose use is less environmentally harmful than relevant alternatives.

The proposer can be a technology developer, manufacturer or its authorised representative.

CZECHOSLOVAK OCEAN SHIPPING, s.r.o.

CONTACT PERSON

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Czech Republic

e-mail: tomas.slimacek@oceanshipping.cz
www: <http://www.group-cos.com>



AREAS OF ACTIVITY: Smart, green and integrated transport

WE OFFER

The company Czechoslovak Ocean Shipping, s.r.o. is of service to the clients particularly in the Czech and Slovak Republic and as well as acting in the international forwarding and shipping markets worldwide.

The main activities of the company :

- ☐ Forwarding by sea, air, rail and road
- ☐ Worldwide container services "FCL,LCL" (door2door)
- ☐ Chartering and brokering
- ☐ Transport Insurance
- ☐ Sale and purchasing of Ships
- ☐ Consultancy
- Antarctica Expeditions

WE LOOK FOR

Partners in the international forwarding and shipping markets

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

- ☐ Forwarding by sea, air, rail and road
- ☐ Worldwide container services "FCL,LCL" (door2door)
- Projects and Technologies forwarding

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology

WE OFFER

cooperation

WE LOOK FOR

cooperation

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

cooperation on projects

Deona Medi, s.r.o.

CONTACT PERSON

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e-mail: info@deonamedi.cz
www: <http://www.deonamedi.cz>



AREAS OF ACTIVITY: Advanced materials, Health, demographic change and well-being, Nanotechnologies

WE OFFER

- know how in manufacturing of textile compressive garments for medical usage
- know how in manufacturing of compressive garments for sport and everyday usage
- know how in laser 3D scanner production
- distribution and marketing in CZ, SK in health care area

WE LOOK FOR

- new materials to be used in medicine (fibres, textile, nano materials)

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Open to any kind of cooperation

Department of Biochemistry and Molecular Biology, University of Szeged

CONTACT PERSON

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e-mail: molbi@bio.u-szeged.hu
www: http://biokemia.bio.u-szeged.hu/index_e.html

AREAS OF ACTIVITY: Biotechnology

WE OFFER

Our Department at the University of Szeged offers several opportunities at different research areas including:

Human and fruit fly as model organism.

Systems to detect DNA damages caused by exogenous and endogenous sources (reactive oxygen species, chemicals or irradiations)

Study neurodegenerative disorders in *Drosophila* (eg Huntington disease)

Eukaryotic chromatin structural changes during development or during DNA damage response.

WE LOOK FOR

We look for coordinator or partners from the research or the industrial area.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

I will fill up this later

Department of Natural Drugs, Faculty of Pharmacy, University of Veterinary and Pharmaceutical Sciences Brno

CONTACT PERSON

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AREAS OF ACTIVITY: Other

WE OFFER

We can provide separation, isolation and identification of plant based natural compounds. Our department has developed several assays for enzyme inhibition testing that can be used for plant extraxts or pure natural or synthetic compounds.

WE LOOK FOR

We are looking for a cooperation on a project where we could use our experience and knowledge of phytochemistry. We would also like to find a facility that has a microbiology lab in order to test natural coumpounds that inhibit enzymes responsible for the resistance of microbes to antibiotics.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We would like to find a microbiology lab that is able to test series of natural compounds and plant extracts in combination with antibiotics on resistant strains of bacteria.

DOGA

CONTACT PERSON

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08630 ABRERA-BARCELONA
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AREAS OF ACTIVITY: Green cars and e-mobility

WE OFFER

DOGA is currently developing electric d.c. brushless hub motors 2kW, 4kW and 8kW nominal power.

DOGA is also developing and producing:

- motors for different purposes in automotive and industry (i.e. electric brakes, anti-tilting, etc)
- windshield wiper systems
- heaters, fans and blowers
- tanks
- window regulator systems
- stamping parts

WE LOOK FOR

We would like to find partners and coordinator to participate in a more ambitious project than the sole motor.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

- vehicle manufacturer
- mobility system

Educational and Research Institut AGEL o.p.s.

CONTACT PERSON

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www: <http://vavia.agel.cz/index.html>



AREAS OF ACTIVITY: Health, demographic change and well-being, Nanotechnologies

WE OFFER

Educational and Research Institute AGEL is a part of an AGEL group, which is the largest private health care provider in Central Europe. AGEL runs eleven hospitals and several other health care facilities in the Czech Republic, primarily operates in the Moravian-Silesian and Olomouc region. There are more than 170,000 patients hospitalised in AGEL holding hospitals every year.

At the end of the year 2011, AGEL obtained a significant award in the renowned competition, the Czech 100 Best. On the basis of the voting of specialists, AGEL was evaluated among the best in the area of Health – Education – Humanity.

Educational and Research Institute AGEL is engaged in various kinds of research. The company established scientific research branch and began collaborating with various institutions.

Our branches provide:

Inpatient and outpatient care provided by doctors and paramedical workers with professional and specialized qualifications in the fields of:

- internal medicine, angiology, diabetology and endocrinology, gastroenterology, cardiology, pneumology and ftizeologie, neurology, pediatrics, neonatology, surgery, traumatology, vascular surgery, gynecology and obstetrics, urology, anesthesiology and intensive medicine, nuclear medicine, oncogynaecology, urogynecology, cardiac surgery, rehabilitation and physical medicine, physical therapist, occupational therapist, general practice, general practice for children and adolescents, allergology and clinical immunology, neurology, psychiatry, clinical oncology, dermatology and venereology, surgery, orthopedics, otorhinolaryngology, urology, rheumatology, clinical speech therapist, clinical psychologist, physiotherapist, occupational therapist, dietician, hematology and transfusion medicine, clinical biochemistry, radiology and imaging, medical transport service, radiology and imaging, rehabilitation and physical medicine, first aid services in in general practice, dentistry, hospital pharmacy.

WE LOOK FOR

We are looking for development centers within research institutes and universities.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We will develop our product in our development department and our hospital in collaboration with the newly formed consortium.

EKOVA ELECTRIC a.s.

CONTACT PERSON

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e-mail: ekova@ekova.cz
www: <http://www.ekova.cz/>

AREAS OF ACTIVITY: Green cars and e-mobility, Secure, clean and efficient energy, Smart, green and integrated transport

WE OFFER

We are working on a prototype of electric bus and would like to find a partner who could help us with innovative approach in the field of electric motor, reducing weight of a bus body, battery management, fast charging etc. Then, we need to test and improve operational conditions of the bus, development of system of charging stations, energy accumulation and use of green energy for bus charging (public transport).

We want to focus on and create higher level of complete refurbishment and modernization of trams and car bogies.

WE LOOK FOR

innovative, thinking out of the box partners who could create the future with us.
Opportunities to get external financial sources for our development and projects.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We would like to find a partner for a long-term cooperation.
We have our own know-how and would like to extend our experience and knowledge and get on a higher technical level.

Energy Research Center

CONTACT PERSON

Jan Kolonicny
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70833 Ostrava-Poruba
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e-mail: vec@vsb.cz
www: <http://vec.vsb.cz>



AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Health, demographic change and well-being, Secure, clean and efficient energy

WE OFFER

The ERC views their mission in RTD activities focusing on combustion and gasification of solid fuels - especially biomass, equipment modernisation in general, energy efficiency, environmental protection and safety in industry. The Centre's another important activity is represented by accredited measurements and testing of boilers and other combustion equipments, including measurements of harmful emissions.

WE LOOK FOR

ERC RTD activities are focused on renewables, especially biomass, but also other fuels like coal or various sorts of waste. Concerning combustion, research concentrates on fuel assessments, analyses of combustion efficiency, production of harmful substances, equipment modernisation for increased efficiencies, and operational reliability. Research of biomass gasification for co-generation represents a new field of RTD activities. Investigations have been started to establish suitability of different biomass products for gasification by static and fluidised bed reactors. The planned area is production of liquid fuels by Fischer-Tropsch synthesis.

Another very important research activity is focused on energy security in a comprehensive sense, therefore from the determination of hazard and exposure through modeling of undesirable events to modern risk management techniques. From the experimental point of view the most important focus is oriented on studying the hazards of substances in the energy and other related sectors, the study of the hazardous properties of substances in accidents including their physical modeling.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Research fields to its multidisciplinary orientation respects the priorities of research and development at the national level and at the level of the European Union, which gives good prospects for future involvement in R & D projects in both the Czech Republic and the EU.

CONTACT PERSON

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

AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Green cars and e-mobility, Nanotechnologies, Secure, clean and efficient energy

WE OFFER

We are a design company. The areas of our business are: energy, automotive and railway industry.

Our experience:

- Energy: stationary parts of steam turbines, pipelines etc,
- Automotive: equipment of cars, electrical installation,
- Rail industry: equipment of trains, electrical installation.

WE LOOK FOR

We are looking for possibilities of development of our company, EU funds for new projects.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We are interested in new technologies in the energy, automotive and railway industries.

EuCRF European Centre for Research & Financing

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology, Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Green cars and e-mobility, Health, demographic change and well-being, ICT – Information and Communication Technologies, Nanotechnologies, Secure societies – protecting freedom and security of Europe and its citizens, Secure, clean and efficient energy, Smart, green and integrated transport, Space, Other

WE OFFER

EuCRF - European Centre for Research & Financing is a research, strategic planning & project management organisation (SME), concentrating on internationally funded R&D projects and on devising and implementing academic, scientific & developmental strategies. Typically, we work with both management and scientists within the organisations we are working with on academic & scientific strategies and their performance analysis while also offering assistance in developing, methodology building assessment, co-ordination & management of proposed projects and assistance in the preparation of proposals so they meet, as best as can be, the expectations of the review process. We also contribute, as partners in R&D projects, to the RTD effort of planned projects as well as to the dissemination & exploitation (& commercialisation) efforts of the results of such projects. Our research expertise encompass the domains of social, financial, management & legal sciences, including cost-benefit & SWOT analyses and project budgeting, as well as gender issues, humanities & ethics, trade, marketing & business strategy and development. We also have in-house expertise pertaining to water & waste management and industrial planning.

At the stage of the proposal preparation, we monitor and correct the work of the scientists on the sections dealing with of science & technology and impact, so as to improve their potential for success. To this end, we actually contribute to the writing the entries for sections pertaining to management and implementation, dissemination, exploitation & commercialisation and we prepare (together with the scientists) the risk analysis.

Apart from working on the proposal, in projects in which we participate we are normally responsible for the project management (and co-ordination if this is needed), the dissemination, exploitation & commercialisation and the work package devoted to socio-economic impact & implications (which has now become almost "required" in publicly funded projects).

EuCRF has been involved in setting research & development strategies and devising funding policies aimed at the increase of external funding to academic and industrial organisations in the UK, Denmark, Slovenia and more, where EuCRF and its teams have played crucial role. EuCRF and its teams have been involved in the preparation, research work and management of numerous FP and other internationally funded projects, including NEWS, Coll-Plexity, PreGenesys, MoCaSin, HELM, HotZyme, TrainBioDiverse, BluePharmTrain and more.

We shall also help you in the construction of the consortium so it is balanced to requirements and expectations in terms of geographical and professional distribution.

I would like to invite you to consult our website – www.eu-crf.net – to have a better idea of who we are and what we do (and how we do it). I would be happy to discuss it all with you at your convenience.

Attached, please find our basic brochure and description of our work with academic and research organisations.

Cheers,

Zohar

WE LOOK FOR

organisations that would like to develop their projects

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

See above

EZAN - Innovation Engineering and Production Center of the RAS, office in Vienna

CONTACT PERSON

Valeriy Shevchenko
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A-1220 Vienna
Austria



e-mail: ezan.vienna@chello.at
www: <http://www.russiantechologies.eu>

AREAS OF ACTIVITY: Advanced materials, Nanotechnologies, Secure, clean and efficient energy

WE OFFER

We offer collaboration for the joint R&D project development:

“Equipment and technologies for silicon carbide (SiC) crystal growing”

as well as joint manufacturing of equipment for silicon carbide (SiC) crystal growing

The physical and electronic properties of SiC make it the foremost semiconductor material for short wavelength optoelectronic, high temperature, radiation resistant and high-power/high-frequency electronic devices.

Fields of SiC crystals application and related products

- SiC wafers for semiconductor devices
- power converters
- high power electronics
- high frequency electronics
- high bright LEDs
- hybrid vehicles electronics
- smart power grid electronics
- moissanite (optics and jewelry)

At the moment we have experience in 4-6 inch SiC crystals growth and SiC powder synthesis.

WE LOOK FOR

We are looking for

- the project partners to discuss possibilities of cooperation (as a consortium member) and to prepare the project proposal for the Horizon 2020
- and/or partners for
- joint industrial production and development of equipment and technologies for silicon carbide (SiC) crystal growing

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Expected applied results

- joint R&D of equipment/machines and technology for SiC crystal growing
- joint production of equipment for silicon carbide (SiC) crystal growing

Faculty of Economics and Administration, Masaryk University

CONTACT PERSON

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AREAS OF ACTIVITY: Smart, green and integrated transport

WE OFFER

We are an interdisciplinary team of economists, geographers and engineers who can offer both theoretical and empirical research in transport market in economic, geographic and social terms. Above all, we are specialised in railway economics and policy, infrastructure investment, and regulation of competition on rails. We are experienced with team projects: our team is currently supported by the Technology Agency of the Czech Republic, we were supported by several grants of the Czech Science Foundation and the Masaryk University Grant Agency.

The expertise that we can offer to coordinator/partner includes:

- 1) ☐ The competition on rails – theory and practice
 - i) ☐ Strategies of railway reforms – analysis, surveys, comparisons
 - ii) ☐ Implementation of the European railway reforms – mainly within the CEE countries
 - iii) ☐ International comparisons – best practices analysis, SWOT analysis
 - iv) ☐ Methods of bid rigging detection
 - v) ☐ Practice from the EU countries
- 2) ☐ Quantitative measures for modelling the railway market
 - i) ☐ Models and techniques for measuring efficiency (DEA, SFM, cost and production functions)
 - ii) ☐ Demand modelling
- 3) ☐ Microeconomic models of railway industry structure
 - i) ☐ Cost analysis of railway operators
 - ii) ☐ Price regulation
 - iii) ☐ Investment in infrastructure
 - iv) ☐ Application of static and dynamic effect on particular regulation regimes
- 4) ☐ Methods for the relevant market determination and their application
 - i) ☐ SSNIP test, GUPI test
 - ii) ☐ Price tests
 - iii) ☐ Consumer surveys
- 5) ☐ Geographic attitude to railway industry modelling
 - i) ☐ International comparisons of rail networks
 - ii) ☐ Analysis of traffic flows

WE LOOK FOR

We look for a coordinator/partner who is interested in transport.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We look for a coordinator/partner with professional experience in transport, especially railway transport.

Faculty of Pharmacy, Comenius University in Bratislava

CONTACT PERSON

Jan Klimas
e-mail: klimas@fpharm.uniba.sk
phone: +421250117115

ADDRESS

Odbojarov 10
832 32 Bratislava
Slovakia

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www:



AREAS OF ACTIVITY: Advanced materials, Biotechnology, Health, demographic change and well-being, Nanotechnologies

WE OFFER

The scientific research carried out by the faculty is multidisciplinary in nature. It covers pharmaceutical, chemical and biological sciences ranging from the design, synthesis, testing and mechanism of action of drugs, studies of drug delivery, pharmaceutical technology and the fate of drugs in animal models. It also includes clinical and sociological aspects of pharmacy. It is conducted in cooperation with many other researchers at both national and international level. Students train as pharmacists and also in pharmaceutical research. This research reflects the main issues and questions relevant to modern drug therapy including the role of pharmacists in the health care system with priorities in the areas of pharmacology, pharmacognosy, pharmaceutical chemistry, pharmaceutical technology, drug-oriented analytical chemistry, social and hospital pharmacy, i.e. covers all areas with respect of efficacy and safety of medicines as well as health supporting products. Our Faculty, as an integral part of Comenius University, has built a reputation as one of the finest pharmacy schools in the Central and Eastern Europe. Additionally, the Faculty covers also education and research in the field of medical and diagnostic tools and devices what is currently a rapidly developing field interconnecting medicine and technologies what opens interesting possibilities for interdisciplinary cooperation EU-wide.

WE LOOK FOR

Scientifically oriented partners

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Pharmaceutical sciences, Drug development, Theranostics, Medical and diagnostic tools and devices

FAJNA Spółdzielnia Socjalna (FAJNA Social Cooperative)

CONTACT PERSON

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Techników 5
40-326 Katowice
Poland



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AREAS OF ACTIVITY: Advanced materials, Europe in changing world – inclusive, innovative and reflective societies, Health, demographic change and well-being, ICT – Information and Communication Technologies, Nanotechnologies, Other

WE OFFER

Social Enterprise network in Poland, experience with people at risk of exclusion, skills of manufacturing in cosmetic sector and decorative goods, ability to cross-sectoral cooperation

WE LOOK FOR

partners for projects and cooperation

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

experienced partners in social business

FAL Services s.r.o.

CONTACT PERSON

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phone: +48664959621

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Na Frantisku 1370/5
735 35 Horni Sucha
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e-mail: delong@falservices.cz
www: <http://www.falservices.cz/>

AREAS OF ACTIVITY: ICT – Information and Communication Technologies

WE OFFER

- Modeling and 3D scanning
- 3D animations
- Information support for 3D applications
- Solutions for e-commerce
- Full graphic support (including pictures 360)
- Spaces for testing solutions in refrigeration and warehouse logistics
- We have e-hypermarket

WE LOOK FOR

Companies, institutions and professionals related to the subject:

- optimization of performance and quality 3D graphics and new algorithms
- visualization methods using the point cloud (as euklideon)
- FPGA programming driver
- 3D scanning of large objects and optimization of digitizing
- laser technologies
- Automation and Robotics
- mobile application development

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

- Development of algorithms or use existing algorithms to optimize the 3D graphics
- FPGA software in projects that optimize graphical data (including streaming video)
- Implementation experience, as well as training, for 3D scanning of large objects
- Cooperation in the development of new visualization techniques using lasers
- Implementation of solutions that automate logistics processes
- Production automation (electronic and mechanical) for projects related to 3D scanning.

Federal Education and Research Institute for Viticulture and Pomology

CONTACT PERSON

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A-3400 Klosterneuburg
Austria



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www: <http://www.weinobstklosterneuburg.at>

AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Europe in changing world – inclusive, innovative and reflective societies, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy

WE OFFER

LFZ offers its expertise through research, studies and innovations that improve agricultural products (fruit, wine, drink products, fruit manufacturing) and enhance the quality and nutritional value of food products. In addition, research protects environmental resources by developing and promoting low-impact agricultural practices (organic strategies), studying and preserving regional biodiversity, genetic resources, sustainability and traditional identity. Laboratories for chemical and biological experiments examine criteria to ensure food quality and security.

WE LOOK FOR

We are looking for partners who are interested in developing and protmoting sustainable wines, local fruits and processed fruit products.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Interreg, Erasmus and other funding schemes as well as Horizon 2020 participations

FN Olomouc, Oddělení Vědy a Výzkumu

CONTACT PERSON

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775 20 Olomouc
Czech Republic

e-mail: info@fnol.cz
www: <http://www.fnol.cz>



AREAS OF ACTIVITY: Health, demographic change and well-being

WE OFFER

science and clinical research in health care

WE LOOK FOR

partners for the science and clinical research in health care

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

the science and clinical research in health care

Fundació BIT

CONTACT PERSON

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ADDRESS

Parc Bit
07121 Palma de Mallorca
Spain



e-mail: adomingo@fundaciobit.org
www: <http://www.parcbit.es/wparcbitfront/>

AREAS OF ACTIVITY: Biotechnology, Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being, ICT – Information and Communication Technologies, Other

WE OFFER

I'll complete this later

WE LOOK FOR

I'll complete this later

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

I'll complete this later

G. M. PROJECT, s.r.o.

CONTACT PERSON

Jiri Moninec
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Janská 4
746 01 Opava
Czech Republic



e-mail: gmproject@gmproject.cz
www: <http://www.gmproject.cz>

AREAS OF ACTIVITY: Advanced manufacturing and processing, Biotechnology, Factories of the future, Nanotechnologies

WE OFFER

- engineering services for pharmaceutical, biotechnology and active pharmaceutical ingredients productions
- turnkey projects supply
- designing of factories and facilities
- GMP training and consulting
- qualification and validation of computerized systems

WE LOOK FOR

Customers:

- pharmaceutical companies with sterile and nonsterile productions
- biotechnology companies
- active pharmaceutical ingredients producers

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Developing new high-tech projects.

GISPARK Bt

CONTACT PERSON

Gabriella Hancz
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4029 Debrecen
Hungary

e-mail: gisparkbt@gmail.com
www: <http://gispark.5mp.eu>



AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials

WE OFFER

We offer a draft proposal with the aim of
the extension of green infrastructure measures in European cities through

- the extension of the idea of smart cities with the factor of drainage systems' sustainability
- the development of a design manual taking use of existing indices and experiences
- pilot projects in participant cities and designation of 2020 sites for further implementations of GI measures
- establishment of a Center of Excellence for green infrastructure

WE LOOK FOR

We are looking for a coordinator and for partners as well.

We are looking for partners from countries having climate-induced intensifying stormwater management problems, groundwater resource-depletion problems, and decreasing urban green spaces. Partners would represent different stakeholders -universities, local governments, SME-s

We are a small enterprise having design and lecturing experience as we are University staff members. We have experience in FP7 as a researcher of one of the partners.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We are also open for taking part in other organisations' projects in these topics.

We are interested in either of the following subcalls:

H2020-WATER-2014-2015; Water cycle under future climate

WATER-3-2015: Stepping up EU research and innovation cooperation in the water area

WATER-5b-2015: A coordination platform

GreenWay Operator a.s.

CONTACT PERSON

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ADDRESS

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83104 Bratislava
Slovakia

e-mail: mario.paroha@greenway.sk
www: <http://www.greenway.sk/>



AREAS OF ACTIVITY: Green cars and e-mobility

WE OFFER

GreenWay has developed customized electric vehicles (EVs), a charging infrastructure, battery swap stations, and a robust IT system. All of these innovations are already being used in daily commercial operation, allowing the company to continue with research and development.

Our strengths and competences:

- An existing fleet of EVs in commercial daily use
- Proven technology, more than 1 year of commercial operation, more than 300,000km driven, 2048.5 km world record in distance traveled by EV within 24 hours
- EVs in use in suburban and urban environments
- Unique battery swapping technology already proven in daily operation
- Battery swap stations eligible for RES connection and energy storage applications
- Comprehensive established IT system gathering a wide range of data about both the vehicles and infrastructure in real time.
- On-line data gathering from every vehicle including vehicle components
- GreenWay is a living lab for testing the various features of EVs
- Founding member and leading position in the Slovak Electric Vehicle Association
- Experience in the field of clean energy

WE LOOK FOR

Collaboration in Horizon 2020 projects dealing with Electric Vehicles.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

GreenWay is SME with experiences in EU projects funding.

Hello language school s.r.o.

CONTACT PERSON

Kateřina Vrobelová
e-mail: vrobelova@hello.cz
phone: +420777808177

ADDRESS

Novinářská 12
70900 Ostrava - Mariánské Hory
Czech Republic



e-mail: vrobelova@hello.cz
www: <http://www.hello.cz>

AREAS OF ACTIVITY: Other

WE OFFER

Teaching languages at companies (czech, english, german, spanish, italian, russian, polish, slovak, chinese, french, etc.)
translation in any languages
simultaneous translation
international exams - Cambridge English, Goethe-Institut
company language audit according to SEFR (A1, A2, B1, B2, C1, C2)
internal courses - group or individual lessons - czech lecturers, native speakers
general, business, technical languages

WE LOOK FOR

Partner, who is interested in mentioned areas

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

No additional specification

HERTIN Consulting s.r.o.

CONTACT PERSON

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ADDRESS

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70900 Ostrava
Czech Republic

e-mail: info@hertin.cz
www: <http://www.hertin.cz/>



AREAS OF ACTIVITY: Other

WE OFFER

Complete consulting service for grants from EU for all types of business units located in the Czech Republic. Complete service means a) giving an advice on selection of a suitable grant title, b) evaluation of the chance for obtaining a grant, c) continuous monitoring of opportunities for a grant, d) complete project preparation including all attachments, e) preparation of a partial document which is necessary for submitting an application, f) monitoring and requests for payment, g) organization of tenders for project realization.

WE LOOK FOR

Our clients are mainly small and medium enterprises as well as government agencies, non-profit organizations, schools, etc. We are looking for manufacturing companies which perceive the innovation of a product or a process as the way out of growth of their own competitiveness and which would like to get a grant from EU for their innovative intentions.

Our motto is to be the respected partner of all, who want to be successful.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

HERTIN is not only a leading company in consulting, but we also provide education across the Czech Republic. We focus on adult education and also in this area, we provide our service to companies, municipalities, schools and non-profit institutions. We have gained not only a lot of experiences, but also many important contacts to the best lecturers with whom we cooperate.

HLIMONT s.r.o.

CONTACT PERSON

Milan Kasl
e-mail: m.kasl@hlimont.cz
phone: +420725717871

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73601 Havířov
Czech Republic



e-mail: m.kasl@hlimont.cz
www: <http://www.hlimont.cz>

AREAS OF ACTIVITY: Advanced manufacturing and processing, Smart, green and integrated transport, Other

WE OFFER

Cooperation in metal production.
Cooperation with Serbian Vojvodina Metal Cluster. (we are member of this cluster)
We offer our metal products.
Custom-made products.

WE LOOK FOR

Expansion in metal production of other manufacturing machines - CNC machine, etc.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We want to cooperate with companies in all industries.

INCEPT Adam Tittinger i Wspólnik Sp.J.

CONTACT PERSON

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phone: +48602139640

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35-005 Rzeszów
Poland

e-mail: biuro@incept.eu
www: <http://incept.eu>



AREAS OF ACTIVITY: ICT – Information and Communication Technologies

WE OFFER

consulting in project management, ICT

WE LOOK FOR

R&D project partnerships

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

R&D projects in the area of mobile technologies

Inpartners Group (patent and legal services)

CONTACT PERSON

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phone: +733788639

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602 00 Brno
Czech Republic



e-mail: jordan@inpartners.cz
www: <http://inpartners.cz/>

AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology, Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Green cars and e-mobility, Health, demographic change and well-being, ICT – Information and Communication Technologies, Nanotechnologies, Secure societies – protecting freedom and security of Europe and its citizens, Secure, clean and efficient energy, Smart, green and integrated transport, Space, Other

WE OFFER

Services related to the protection and enforcement of intellectual property and related rights

Patent searching
Patent prosecution
Patent risk analysis and Freedom to operate
Test of patentability
IP Strategy and Audit
Utility models
Industrial designs
Trademarks
Lecturing

WE LOOK FOR

New business partners and inventions

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Patent services

Institut pro udržitelný rozvoj sídel, z.s.

CONTACT PERSON

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phone: +603494648

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Trnkova 146
62800 Brno
Czech Republic

e-mail: kbarinka@iurs.cz
www: <http://www.urbaninfo.cz>



AREAS OF ACTIVITY: Energy efficient buildings, Other

WE OFFER

We are research and educations non profit organization, - for brownfields regeneration, sustainable land use, energy efficiency in urban planning, etc. More than 10 years experiences from Czech Republic and other countries in CEE.

WE LOOK FOR

partners or coordinators for Smart City projects, etc.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

To discusse on the meeting.

Institute of Consulting - Sustainable Infrastructure Cluster

CONTACT PERSON

Irena Łobocka
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phone: +48603525634

ADDRESS

Cegielniana 6B/2
30-404 Cracow
Poland

e-mail: info@klasterzi.pl
www: <http://klasterzi.pl>



AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, ICT – Information and Communication Technologies, Secure, clean and efficient energy

WE OFFER

Institute of Consulting Co. is a Polish leading training and consulting centre specializing in renewable energy sources and innovative energy-saving construction technologies (we offer professional trainings and consulting services focusing on renewable energy sources, energy efficiency, autonomous/passive house construction and alternative heating systems – Institute of Consulting is a renown Polish training centre with a large experience in professional practical trainings and a wide co-operation with leading Polish universities). Institute has also a large experience in cluster management and in initiating co-operational networks between business entities, universities and research institutions - Institute is a leader of SUSTAINABLE INFRASTRUCTURE CLUSTER. Our numerous training projects were highly assessed and granted EU funds for their innovativeness and great impact on potential and competitiveness of Polish businesses. The main area of cluster activity is development of an innovative AFFORDABLE technology of Autonomous Building construction as well as a new "intelligent building" management system.

1. ☐ AD (Autonomous House) is a key technology of cluster operations focusing on developing a new sustainable infrastructure solution. It can be defined as a fully automatic (intelligent) building that complies with the regulations of Article. 9 of Directive 2010/31/EU home of nearly zero energy demand. What's more, AD buildings are available at the same price as houses built in the standard technology. AD as a highly innovative technology emphasises the use of renewable energy sources and thus it is a pro-eco technology.

2. ☐ Building Management System (BMS) is a comprehensive solution for monitoring, control and management of AD and other buildings. It's a building automation system based on the use of the most modern and innovative technologies "tailored" to individual needs of its users. The BMS system is a fully compatible solution including the following modules:

- ☐ the core system (electronics and software solutions) providing communication, remote monitoring and a full control of the infrastructure of AD building
 - ☐ the module adapting intelligent infrastructure of buildings to the needs of the blind and visually impaired (system controlled by voice commands and gestures)
 - ☐ the development of a mobile phone module enabling the remote monitoring and management of intelligent home
- All solutions will be tested in two demonstration prototype intelligent buildings constructed in the vicinity of Kraków.

WE LOOK FOR

We look for partners for applying together for H2020 Phase 2. Partners are expected to have a wide knowledge and experience in the areas of modern automation systems and building management solutions. We will apply for developing and preparing commercialization of our own BMS system compatible with intelligent home infrastructure based on renewable energy systems. BSM will be friendly for the needs of visually impaired. We expect to meet partners ready to share their knowledge on the subject, having information/analysis about legal and marketing barriers of entering foreign markets with our product. We look for some market analysis, market expectations, information about necessary certificates etc

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Expected co-operation with clusters, cooperation networks, R&D institutions

Institute of Consulting - Sustainable Infrastructure Cluster

CONTACT PERSON

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Cegielniana 6B/2
30-404 Cracow
Poland

e-mail: info@klasterzi.pl
www: <http://klasterzi.pl>

AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, ICT – Information and Communication Technologies, Secure, clean and efficient energy

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ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Expected co-operation with clusters, cooperation networks, R&D institutions

Institute of Experimental Medicine AS CR

CONTACT PERSON

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AREAS OF ACTIVITY: Biotechnology

WE LOOK FOR

Cooperation partners in the above areas

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Besides the Institute of experimental Medicine of the AS CR the SME "BioInova" <http://www.bioinova.cz/> can be involved in the above activities.

BioInova specializes in the development of cellular therapies for the treatment of diseases that affect tens of millions of people around the world. The main areas of business activities is focused on the development of advanced therapy medicinal products based on mesenchymal stromal cells for the needs of clinical trials. It implements practical technology transfer from basic research through applied research and innovation business to a location on the medical market.

BioInova has a production capacity of aseptic processes (class A / B) and an international team of qualified professionals specializing in the preparation of production processes and clinical studies. The company is a certified manufacturer of aseptic products, and carries out somatic cell therapy according to Good Manufacturing Practice (GMP) standards.

BioInova focuses on autologous stem cells obtained from the bone marrow of treated patients. The treatment is designed to initiate and propagate healing processes which help restore damaged tissue. Processing and cultivation is carried out in certified cleanroom conditions based on GMP and using the latest technologies ensuring the highest quality stem cell therapy.

Regenerative medicine will in effect be able to replace, repair or improve the function of damaged tissue or organ and is one of hope for the treatment of many diseases.

Institute of Heavy Organic Synthesis "Blachownia"

CONTACT PERSON

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Poland

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www: <http://www.icso.com.pl/>



AREAS OF ACTIVITY: Advanced materials, Nanotechnologies

WE OFFER

The research team has high focus on developing new surfactants.

The studies are based on the synthesis and determination of chemical structure-property relationship of gemini surfactants within the area of application technology. Our interest is driven by new specific applications such as the utilization of gemini surfactants in new developed formulations with increasing complexity, the demand for environmentally-friendly surfactants (biodegradable, low irritant) and the use of surfactants in nanotechnological applications (eg. nanocontainers). Furthermore, surfactant/surfactant complexes, surfactant/polymer-complexes, and complexes of surfactants with other materials is the subject of our researches.

In addition, we offer research co-operation in the scope of research on composition of the household chemistry products.

WE LOOK FOR

We look for a partner with experience in synthesis, analysis or application of surfactants and surfactants systems.

The research activities on surface properties, micellization and solubilization are in special interest. However we are open-minded to any new investigation and application field where surfactants and the surfactants system could be of interest.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We look for cooperation in the fields of Scientific research Nanotechnology and Nanosciences, Materials technology.

Institute of Organic Chemistry and Biochemistry AS CR, v.v.i. (UOCHB)

CONTACT PERSON

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www: <http://www.uochb.cz>

AREAS OF ACTIVITY: Advanced materials, Biotechnology, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being

WE OFFER

Institute of Organic Chemistry and Biochemistry AS CR, v.v.i. (IOCB) is leading Czech institute carries out fundamental research in organic chemistry, biochemistry and related disciplines, focusing in particular on medical and environmental applications. The institute is famous for long and successful collaboration with pharmaceutical, medical, chemical and biotechnology industry. Most successful is collaboration with Gilead Sciences who marketed tenofovir - current anti-HIV therapy market leader (Atripla, Truvada, etc.).

We offer collaborative projects for industry partners in various fields of chemistry, drug development, medical devices and/or analytical tools. List of some of our commercial projects can be found at <http://www.iocb-tto.cz/patenting-licensing/> or list of our scientific groups <http://www.uochb.cz/web/structure/451.html>

We offer licensing, co-development of any other kind of collaboration on our or your projects. Any collaboration is not dependent on H2020 projects, however, good reputation and impressive track record of the Institute gives promising perspectives for collaborative grant applications.

WE LOOK FOR

We look for relevant industry partners for long-term collaboration, collaborative research, co-development or licensing (including applied science Czech or EU grant applications). We are able to share risks, costs and benefits of collaborative projects. Our subsidiary IOCB TTO s.r.o. is supervisor of IOCB-industry collaborative projects using modern project management tools which provides higher effectivity of management and increases projects success rate.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Several IOCB projects are offering partnership to companies in relevant industry, but significant unmet need coming from a market could also stay at the beginning of cooperation. Broad spectra of expertise in chemistry, biochemistry and molecular biology could be found in the institute and several laboratories are unique in Europe.

Our scientific groups welcome novel opportunities and will be happy to participate in international collaborative projects either with public support or without.

Institute of Urban Development

CONTACT PERSON

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Cieszyńska 2
30-015 Krakow
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www: <http://www.irm.krakow.pl>

AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Health, demographic change and well-being, Smart, green and integrated transport, Other

WE OFFER

Knowledge and skills gained during 25 years of work on spatial planning related issues including practical experience in making local spatial development plans as well as research on urban and rural settlements development. Quite recent results of research on flood and landslide risks and their consequences for spatial planning and development.

WE LOOK FOR

partners for whom our knowledge, skills and experience would be complementary

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Due to our location we are particularly familiar with Carpathian part of Europe. However we have also significant experience in international projects covering wider area e.g. France, Italy, Romania, Norway. In addition to English we can communicate in Spanish and in Romanian.

IT4Innovations National Supercomputing Center

CONTACT PERSON

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IT4Innovations
national
supercomputing
center

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www: <http://www.it4i.cz/?lang=en>

AREAS OF ACTIVITY: Advanced materials, Climate action, environment, resource efficiency and raw materials, ICT – Information and Communication Technologies, Nanotechnologies, Smart, green and integrated transport

WE OFFER

IT4Innovations National Supercomputing Centre is national Tier-1 HPC system. It represents Czech Republic in the European infrastructure PRACE (high performance computing infrastructure). Besides operating the most powerful system in the Czech Republic, IT4I is a research centre for the area development and support for HPC technologies and applications. Its mission is also providing education and training and dissemination of HPC activities.

Research within IT4Innovations follows two basic lines: high performance computing (HPC) and embedded systems.

Research at IT4I is divided to eight research programmes (RP):

- RP 1 - IT for Disaster and Traffic
- RP 2 - Numerical Modelling for Engineering
- RP 3 - HPC Libraries and Supercomputing for Industry
- RP 4 - Modelling for Nanotechnologies
- RP 5 - IT for Knowledge Management
- RP 6 - Soft Computing Methods with Supercomputer Applications
- RP 7 - Multimedia Information Recognition and Presentation
- RP 8 - Secure and Safe Architectures, Networks, and Protocols

See more about our research programmes at our web pages: <http://www.it4i.cz/3885-2/research/?lang=en>

Compute with us! Our supercomputing projects: <http://www.it4i.cz/supercomputing-projects/?lang=en>

Our projects: <http://www.it4i.cz/projects/?lang=en>

WE LOOK FOR

We look for partners who would utilize our computational and research resources in H2020 projects.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We would like to cooperate in the scopes of our research fields. Please when asking for meeting, leave the note which research programme you would be interested in. We will organize the meeting with the relevant person from our research centre.

Our project office has experiences with the 7RP project management, with the H2020 proposals preparation. Our research teams are used to propose and to work on the projects in framework programmes.

ITENE: Packaging, Transport & Logistics Research Centre

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology, Climate action, environment, resource efficiency and raw materials, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Green cars and e-mobility, ICT – Information and Communication Technologies, Nanotechnologies, Secure, clean and efficient energy, Smart, green and integrated transport

WE OFFER

ITENE, Packaging, Transport and Logistics Research Institute based in Valencia, Spain. Our organisation has great, extensive experience in European R&D programmes and would therefore like to pursue its efforts during this new programming period. We have for instance participated in 39 of FP7-6 projects, both as partner and coordinator.

Appart from our experience in project management, we offer experience and technical skills on:

- Nanomaterials
- Development of new advanced materials
- Packaging technologies systems
- Intelligent advanced systems
- Safety and security (e.g. REACH, dangerous goods)
- Packaging and transport sustainability
- Packaging waste management
- environmental impact (LCA, Carbon Footprint)
- Transport networks
- Intermodality
- Urban mobility:
- Equipment design and development

For more informatio visti: www.itene.com

WE LOOK FOR

I'm actually searching for relevant profiles and organisations to cooperate within the framework of the Horizon 2020 Programme. Please see areas of activity selected and our technical skills we offer.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

As multisectorial institute we look for cooperations with very heterogeneous institutes, research centres, universities, SMEs, large enterprises, etc related to packaging, transport, logistics, ICT, environment, REACH, supply chain, biomaterials, nanomaterials, etc.

You can read more about our projects here: <http://www.itene.com/en/open-dissemination-projects>

Kamea Electronics sro

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Nanotechnologies

WE OFFER

cooperation in the field of equipment for atmospheric plasma activation of the surfaces of materials, equipment development for atmospheric plasma treatment

WE LOOK FOR

partners with interest to cooperate in the field of atmospheric plasma treatment of surfaces of Materials

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Development of applications for the use of atmospheric plasmas

CONTACT PERSON

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Secure societies – protecting freedom and security of Europe and its citizens

WE OFFER

Nabízíme spolupráci při výzkumu a vývoji spojenou s konstrukcí a provozem kogeneračních jednotek.

We offer cooperation in research and development associated with the construction and operation of cogeneration units.

WE LOOK FOR

Hledáme partnery pro výzkum a vývoj spojený s konstrukcí a provozem kogeneračních jednotek spalujících konvenční i nekonvenční plyny.

We are looking for partners for research and development associated with the construction and operation of cogeneration units burning both conventional and unconventional gas.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Technická příprava výroby kogenerační jednotky, projekční příprava-konstrukce stroje, technologické procesy vyvedení tepla a elektrické energie.

Technical production of the cogeneration unit, project planning-design tools, technological processes outlet of heat and electricity.

Výsledky s právní ochranou - užitný vzor, průmyslový vzor.

The results of legal protection - the utility model, industrial design

Kasi Infrared Europe Kft.

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Climate action, environment, resource efficiency and raw materials, Other

WE OFFER

Cooperation and partnership for our newly developed products.

WE LOOK FOR

Partner, to help us develop our new products for the field of roadmaintenance.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We have exact ideas on new products to be developed for the road maintenance industry. We need help and expertise to help us finish the products, and make them market ready.

Kedua GmbH

CONTACT PERSON

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Germany



e-mail: awienen@kedua.de
www: <http://www.datenschutzexperten.de>
<http://www.smartgrid-espyd.de>

AREAS OF ACTIVITY: ICT – Information and Communication Technologies, Secure societies – protecting freedom and security of Europe and its citizens, Secure, clean and efficient energy, Smart, green and integrated transport

WE OFFER

We offer data protection law skills. Our company is specialized on data protection law since ten years.

We are currently participating in a national program of the German government "Research for Civil Security 2012 to 2017" with our project which is promoted by the Federal Ministry of Education and Research in the framework of the topic "Civil Security - Fit for Europe (Future Call)" and which serves primarily as preparation for an application for Horizon2020. In this project we already work on issues concerning smart grids, including privacy by design, cybersecurity, data privacy issues, data protection law and resilience of smart grids.

WE LOOK FOR

We look for a coordinator and for partners who are interested in developing an innovative solution concerning smart grids, technological and data privacy issues.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Interests are invited to send infos already now. We are planning a workshop on the 26th of September 2014 in Berlin and aks interests to write us so therefore.

KLUB ZLEPŠOVATELŮ OSTRAVA

CONTACT PERSON

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www: <http://www.zlepsovatelesenioriostrava.estranky.cz>

AREAS OF ACTIVITY: Other

WE OFFER

We offer an interesting AUTOMOBILE CLIP as novelty for vehicles from the snowdrift in the winter. Novelty is also a CHAMBERMILL which changes the grain also during its activity. We don't forget on the disabled for which we develop leverage drive for mucker. Our method of surface protection for machine parts, especially which wolframkarbid, saving spare parts. Much solution is on our website

WE LOOK FOR

We are love to cooperation with Czech or foreign companies in the field machinery, that are willing to invest in our interesting solution with support for EU.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Our club has a few technicians and engineers in retirement, who previously worked in development or research and our activities twice a year we publish in the newsletter "How do it?", which is available also to you.

KLUB ZLEPŠOVATELŮ OSTRAVA

CONTACT PERSON

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70800 Ostrava
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e-mail: hor-stroj@seznam.cz
www: <http://www.zlepsovatelesenioriostrava.estranky.cz>

AREAS OF ACTIVITY: Other

WE OFFER

We offer an interesting AUTOMOBILECLIP as novelty for vehicles from the snowdrift in the winter. New is also a CHAMBERMILL who change the grain in his activity.

WE LOOK FOR

We are love to cooperation with Czech or forein companies in the field of machinery

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We believed to make a joint patenting of the propoust solution

Konspekt Michał Żaliński

CONTACT PERSON

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Poland



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AREAS OF ACTIVITY: Other

WE OFFER

Light and low cost system steel halls, halls with cranes, steel roofing

WE LOOK FOR

We are looking for customers.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We provide support at all stages of the investment, starting from the conceptual design stage, through administrative and legal issues, designs and turnkey construction, to the obtaining of occupancy permits.

Konspekt Michał Żaliński

CONTACT PERSON

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www: <http://www.konspekt.eu>

AREAS OF ACTIVITY: Other

WE OFFER

Light and low cost system steel halla, halls with cranes, steel roofing.

WE LOOK FOR

We are looking for customers

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We provide support at all stages of the investment, starting from the conceptual design stage, through administrative and legal issues, designs and turnkey construction, to the obtaining of occupancy permits.

Linaplast s.r.o.

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AREAS OF ACTIVITY: Advanced manufacturing and processing

WE OFFER

prototyping
development opportunities
manufacture of molds and products

WE LOOK FOR

testing capabilities
development partner
capable people

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

mutual cooperation

MATERIÁLOVÝ A METALURGICKÝ VÝZKUM s.r.o.

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials

WE OFFER

Research on producing and forming steels,

- Research on the processes of secondary metallurgy,
- Research on advanced forming technologies and controlled forming processes using the universal SETARAM plastometer,
- Evaluation of conventional and non-conventional material properties in the accredited testing laboratory of fatigue and brittle fracture behaviour,
- Evaluation of creep characteristics of materials,
- Chemical analyses and measuring emissions in the accredited and testing laboratory,
- Structural and phase analyses of metallic materials,
- Analyses of the causes of metallic material degradations,
- Production of ingot steels weighing up to 1,700 kg,
- Production of grey, alloyed and special cast irons weighing up to 700 kg.

.Forming research is focused primarily on the physical and mathematical simulation of forming processes.

WE LOOK FOR

We are looking for the partners for solving the projects in the area of secondary metallurgy, material engineering, special testing and special processes in mathematical modelling in forming.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

To find partners from Europe and the other world.

Materials Research Centre, Faculty of Chemistry, Brno University of Technology

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AREAS OF ACTIVITY: Advanced materials, Secure, clean and efficient energy, Other

WE OFFER

The Laboratory of organic electronics and photonics is located at Materials Research Centre at Brno University of Technology.

It consists of five areas:

- organic synthesis, which deals with the design, synthesis and chemical modification of new functional molecules,
- optical characterization that examines electron phenomena in the studied materials and devices through basic and advanced optical methods,
- electronic and opto-electronic characterization focused on electric phenomena (generation, transport and recombination of charge),
- dielectric spectroscopy focused on the study of dielectric spectra using Impedance spectroscopy and ellipsometry and
- thin films deposition where a wide range of techniques is available for application of the solution and solid phase deposition.

WE LOOK FOR

We are interested in participating on preparation of a proposal for Horizon 2020.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

The laboratory is specialized in

- the synthesis of new functional materials,
- thin film deposition and characterization,
- design of prototypes and model components and
- studies of the performance of all these parts.

Emphasis is particularly placed on identifying and understanding the relationship between the structure of molecules and their monitored properties, which affect not only their molecular parameters, but also the nano-, micro-and macroscopic properties.

Among the materials studied are

- oligomers and polymers,
- low molecular weight substances and
- biological and bio-analogous components.

These then form the active parts of devices such as

- organic solar cells,
- organic luminescent diodes and lightning,
- organic transistors, sensors and
- optical devices.

The laboratory cooperates with many domestic and foreign organizations and industry partners. Initiates, solves, and participates in resolving of national and international projects.

CONTACT PERSON

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www: <http://www.promotic.eu>

AREAS OF ACTIVITY: Advanced manufacturing and processing, Energy efficient buildings, Factories of the future, ICT – Information and Communication Technologies, Secure, clean and efficient energy, Other

WE OFFER

PROMOTIC SCADA system - complex SCADA object software tool for creating applications that monitor, control and display technological processes in various industrial areas.

WE LOOK FOR

Distributors, system integrators and endusers active in the field of industrial automation - SCADA systems.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Distributors, system integrators and endusers active in the field of industrial automation - SCADA systems.

MIF advisory

CONTACT PERSON

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AREAS OF ACTIVITY: Biotechnology, Energy efficient buildings, Health, demographic change and well-being, ICT – Information and Communication Technologies, Secure, clean and efficient energy, Smart, green and integrated transport, Other

WE OFFER

We are able to join a consortium focusing on WP/tasks related to:

- ☐ impact assessment
- ☐ feasibility studies
- ☐ market analysis
- ☐ financial modelling

WE LOOK FOR

We are willing to discuss about possible collaboration in several fields

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

MIF advisory is an independent corporate finance, business development and EU funding boutique offering services in areas of:

- management/strategy consulting,
- investment/M&A advisory,
- funding/project finance assistance.

We provide services to a wide range of clients from early-stage start-ups, through growth companies to established players and strategic/financial investors. We specialise in Telecommunication/Media/Technology (TMT) sector, however we are not limited to these sectors and often engage in projects in other sectors (energy, bio-tech, chemical, manufacturing, infrastructure, minerals...).

We enjoy stellar in-house expertise and significant worldwide network of trustful connections that covers all sorts of investors (strategic and financial), businesses (from SMEs to large corporations) and specialized subcontractors (experts in different sectors), which allows us to deliver on our promises and exceed expectations of our clients.

Nanotechnology Centre

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Nanotechnologies

WE OFFER

- preparation of nanomaterials, characterization and testing of their properties as well as determination of application potential
 - + preparation and characterization of layered phyllosilicates and hydrotalcites intercalated with organic molecules;
 - + preparation and characterization of metal nanoparticles, their oxides and sulphides fixed on the surface of silicates;
 - + preparation and characterization of nanocomposite coatings on the surface of silicates;
 - + utilization of bionanotechnology approaches for preparation of metal nanoparticles and their characterization;
 - + preparation and characterization of silicate nanoparticles using combination of mechanical and mechano-chemical procedures for their potential use in nanocomposites;
 - + analysis and characterization of nanoparticles originating during friction process;
- studies of the effect of nanomaterials on living environment
 - + toxicity and environmental risks of nanoparticles
- chemical and phase analyses
- laboratory experiments supplemented by molecular modeling
- quality system in laboratories fulfils the requirements of quality management according ČSN EN ISO/IEC 17 025:2005
- laboratories capable of inorganic, organic phase and structural analysis of various materials
- certificates: number of test methods within the accreditation issued by ČIA (laboratory no. 1166)

Nanomaterials are being prepared for following applications: catalysis, photocatalysis, sorption and degradation of organic pollutants, nanocomposites as protective layers, fotofunction and antibacterial nanocomposites.

Experimental methods used for characterization of prepared nanomaterials comprises X-ray powder diffraction analysis, X-ray fluorescence spectroscopy, atomic absorption spectroscopy, FT-IR spectroscopy, gas, liquid and ion chromatography, atomic force microscopy, electron microscopy with microanalysis. Computer design of prepared materials is performed using software Materials Studio.

DEPARTMENTS:

- of Technology and Structure of Nanomaterials
- of Inorganic Analysis
- of Organic Analysis and Catalytical Processes
- of Bionanotechnology
- of Materials Testing

WE LOOK FOR

- partners for research and innovation in HORIZON 2020
- partners for national funding
- those who would use our wide analytical services

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Will be completed later.

Neurotronics Maschinenbau ToB

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, ICT – Information and Communication Technologies, Nanotechnologies

WE OFFER

Neurotonics Maschinenbau is dedicated to full range of engineering, integration, testing, support and research and development activities and provides solution to industries universities about robotics projects. The advanced research and development in Neurotronics Maschinenbau Research lab is focused on applications that promise to deliver unprecedented capabilities, including image processing, speech recognition, laser interferometry, and optical communication.

Neurotronics Maschinenbau specializes in the field of Research& Development for Industrial Automation , Artificial intelligence , IT , Manufacturing of advance machines based upon complex structures includes robotics engineering and advance simulators technology , 3D Sensors technology. We are specialize in designing and implementing Image processing technology .Currently our are products are SCADA (supervisory control& data aquisition systems) , advance simulators , Robotics control softwares , ECS (Engine control system) ,Avionics controls systems (under research also) , Nuclear power plant wire ageing and control systems (under research also) .

We are working with many industries at the moment with Automobile manufacturers (R&D) , Aerospace engineering and aircraft (R&D) , 3D Sensor technology . Advance algorithm based softwares.we are provide consultancy services to client to better guide them regarding the projects to save time and make cost effective with more advance technology. The thing which differ us from other is our quality and services which we are offering . Our technology which is work on and we design are more advance and cost effective.

Our motive of organisation is to mobilize the technology and make it energy effeicint and cost efficient to give better approach to technology.

WE LOOK FOR

we are looking for the partners to collaborate for our projects. Project is about Future automobile intelligence systems & future robotics engineering.

we are looking for the funding opportunity also for the project and potential partner to collaborate with. For these high tech. projects.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Collaboration company should be from specific field and collaborative financial partner can be vary from financial institution or private investor most welcome.

Opolskie Centrum Rozwoju Gospodarki (OCRG)

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced materials, Biotechnology, Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being, Secure, clean and efficient energy, Smart, green and integrated transport

WE OFFER

OCRG is an entity of regional government responsible for regional economic development and implementation of regional innovation strategy.

We are offering:

- * Innovation brokerage
- * Methodology for coordination of research interdisciplinary teams
- * Assistance for internationalisation and investment

Project ideas:

- * testing-beds for innovative processes within regional smart specialisation
- * diffusion of innovation and internationalisation

OCRG itself has previous experience of transnational cooperation as a project coordinator and partner of ESF project implemented with austrian, german and italian institutions: regional governments, universities, agencies, chambers of commerce, innovation centres.

WE LOOK FOR

- * Possibilities to access testing-beds for innovative processes within regional smart specialisations
- * Cooperation for diffusion of innovation and internationalisation

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Opolskie Smart Specialisations:

Construction and wood technologies ☐

- * Low-energy construction technologies

☐ * Cement and concrete technologies

☐ * Wood technologies

Metal and machine industry technologies ☐

- * Technologies of power transmission system

☐ * Technologies of design and manufacture of machinery and devices

☐ * Metal technologies

Chemical technologies ☐

- * Polymers, plastics and rubber technologies

☐ * Organic chemistry technologies

☐ * Cleaning materials technologies

Energy technologies (with renewable energy) ☐

- * Fuel production technologies

☐ * Engine technologies

☐ * High-voltage technologies

Food and agriculture technologies ☐

- * Plant production technologies

☐ * Technologies food production and processing, in particular processing of the milk

Potential Smart Specialisations ☐

Life and environmental science ☐ Health products

☐ * Spatially integrated regional tourist product

☐ * The process of organizing the intermodal system environmentally friendly

OUSMANE KONE TRADING

CONTACT PERSON

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AREAS OF ACTIVITY: Biotechnology, Energy efficient buildings, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Nanotechnologies, Other

WE OFFER

We offer products first matter like millet but groundnuts and beans.
We also have medicals plants. charcoal gold cotton and fosfate

WE LOOK FOR

We are looking for partners in all areas for new technologies

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

we are specialized in the fields of gold and u fosfate

CONTACT PERSON

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Czech Republic



e-mail: info@pzsr.cz
www: <http://www.pzsgroup.cz>

AREAS OF ACTIVITY: Other

WE OFFER

Nabízíme zajišťování dodávek průmyslových surovin, vstupních materiálů a zboží pro výrobní podniky v České republice a to převážně ve strojírenském, hutním, papírenském průmyslu a stavebnictví. Jedná se zejména o speciální barvy, protikorozi ochranu a plastové obaly.

WE LOOK FOR

Hledáme partnery pro zajišťování dodávek surovin, zejména speciální barvy, protikorozi ochranu a plastové obaly.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

partnery pro zajišťování dodávek surovin

PAUL WURTH, a.s.

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, Health, demographic change and well-being

WE OFFER

Will be add additionally.

WE LOOK FOR

Will be add additionally.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Will be add additionally.

Pharmacoidea Ltd.

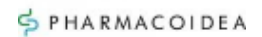
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AREAS OF ACTIVITY: Biotechnology, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being

WE OFFER

The Pharmacoidea Ltd. (www.pharmacoidea.eu) is a Hungarian biotech SME. Ranging from selective drug delivery methods to novel functional food products against dementia, The Pharmacoidea's R&D portfolio covers a wide spectrum of innovative solutions ranging from selective drug delivery methods to novel functional food products against dementia.

The Pharmacoidea's R&D capacities are currently being exploited in collaborative R&D projects with big pharma Co's such as, but not limited to Sanofi, GSK, Pfizer, Merck, Abbvie, Boehringer under the themes of the Innovative Medicines Initiative to develop safer and more efficient therapeutics of the future (for more details on the Pharmacoidea's IMI project see www.compact-research.org and www.aetionomy.org).

By offering its unique innovative assortments of R&D solutions, the Pharmacoidea Ltd. is looking for international partners willing to cooperate in Horizon 2020 FET projects that can proactively address challenges of critical health issues in the field of drug discovery, nanotechnologies, life sciences and bioinformatics.

Offered:

Research co-operation
Technical co-operation

WE LOOK FOR

Pharmacoidea Ltd is looking for partners for the following calls:

PHC16 – 2015: Tools and technologies for advanced therapies
PHC22 – 2015: Promoting mental wellbeing: in the ageing population
SFS-16-2015: Tackling malnutrition in the elderly

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

TYPE OF PARTNER SOUGHT:

academic research centers

SMEs

Politechnika Śląska

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44-100 Gliwice
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www: <http://www.polsl.pl>



AREAS OF ACTIVITY: Other

WE OFFER

I represent a Regional Contact Point for EU programmes and help scientists from Silesian Region in participation in Horizon2020

WE LOOK FOR

cooperation opportunities

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

-

Politechnika Śląska

CONTACT PERSON

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44-100 Gliwice
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www: <http://www.polsl.pl>



AREAS OF ACTIVITY: Other

WE OFFER

I represent a Regional Contact Point for Silesian Region. We help researchers in participation in Horizon2020.

WE LOOK FOR

cooperation opportunities.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

-

První Signální, a.s.

CONTACT PERSON

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71200 Ostrava-Muglinov
Czech Republic

e-mail: sekretariat@1sig.cz
www: <http://www.1sig.cz>



AREAS OF ACTIVITY: ICT – Information and Communication Technologies, Smart, green and integrated transport

WE OFFER

- provision of software and hardware development services
- our R&D team is highly educated and experienced in safety systems development (systems with highest safety level SIL4)
- we offer the whole portfolio of railway and tram infrastructure

WE LOOK FOR

- Dynamic partners with a strong position in the foreign markets, able to define requirements for new products we can develop for them
- Integrators, i.e. well established companies with abilities to install and maintain electronic safety systems or hump yard automation systems

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

- The portfolio of our safety systems includes station interlockings, level-crossings, line blocks, locally operated points, etc
- We also offer systems or components for the hump yard automation

Rašínova vysoká škola s.r.o.

CONTACT PERSON

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www: <http://www.ravys.cz>



AREAS OF ACTIVITY: Health, demographic change and well-being

WE OFFER

participation in projects of the Alzheimer's and Parkinson's disease

WE LOOK FOR

The partners in this project, who are involved in research age, lifestyle diseases and especially of diseases such as Alzheimer and Parkinson

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Experience in the field of research on these diseases

Rubin Information Technology Inc.

CONTACT PERSON

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ADDRESS

Egressy str. 17-21.
H-1149 Budapest
Hungary

e-mail: sales@rubin.hu
www: <http://www.rubin.hu/en>



AREAS OF ACTIVITY: Biotechnology, Energy efficient buildings, ICT – Information and Communication Technologies, Secure, clean and efficient energy

WE OFFER

Rubin Information Technology Inc. is specialized in software development and hardware manufacturing. Founded in 1991, it has extensive experience in software development and hardware manufacturing, offering end-to-end IT solutions and services with its own highly qualified software and hardware developers' team.

Main profile of Rubin: design and implementation of infrastructure management, remote monitoring systems, custom-built software and other real-time, prepaid applications as well as their maintenance with up to 24/7 availability.

Energy Management Solution

A Rubin developed HW & SW solution for the supervision of the energy consumption, which is more than a pure “Smart Metering” solution, since it implies CONTROL elements of Rubin own Climate Controlling & Infrastructure Management Solutions as well.

Infrastructure Management system

The Rubin developed unique infrastructure – including core mobile, fix networks & buildings – management (monitoring & controlling) system supports for the time being more than 5.000 sites in Hungary in 7 days x 24 hours form.

Climate controller solutions

With the help of Rubin special climate controller solutions – deployed more than 2.000 pcs on the customers' sides – should have the chance to reduce among the others the Energy consumption up to 75-80%.

WE LOOK FOR

- Research & Development on International fields, especially for Horizon2020
- Distributors, B2B partners from the entire Europe

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

B2B partners, H2020 partners

SATIM Satellite Monitoring

CONTACT PERSON

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www: <http://en.satim.pl>

AREAS OF ACTIVITY: Other

WE OFFER

We have both scientific and commercial approach to satellite monitoring of environment. As a spin off company from the AGH University of Science and Technology we develop and introduce the SAR-based services for Polish and international customers. We deal with ground deformations measurements, studies of land cover changes, flooding, urban developments, etc.

WE LOOK FOR

Potential projects where we can act as a partners.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

None

Seacon Europe Ltd.

CONTACT PERSON

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8000 Székesfehérvár
Hungary



e-mail: seacon@seacon.hu
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AREAS OF ACTIVITY: Energy efficient buildings, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Green cars and e-mobility, Health, demographic change and well-being, ICT – Information and Communication Technologies, Secure, clean and efficient energy, Smart, green and integrated transport, Other

WE OFFER

Core Business: As R&D intensive SME Seacon Europe specializes in business intelligence, software development, consulting, and project management. With customers in industries ranging from energy to finance, government and telecommunications, Seacon Europe is leading in innovative solutions based on software development, consulting, data management/processing, system integration, management information systems, business solutions and data warehouses/business intelligence.

Cooperation profiles:

- Data processing: Indoor and outdoor data acquisition and processing highlighted on energy/industry/(IT) security area
- IT security and compliance: IT Security analysis and compliance
- Partnership on EU projects

WE LOOK FOR

We are looking for partners concerning EU H2020 Cooperation.

Seacon Europe as IT oriented R&D company and innovative SME is interested to access funding opportunities of the EU research & innovation programme Horizon 2020 and it is going to find partners for project proposals submitted to this programme.

It is specialized in software development and consultancy, the main profile is planning and developing applications and solutions supporting business processes and R&D. As special profiles can be highlighted the energy and digital security areas additionally mentioning the data processing/analysing and the digital tracking. In the last years we had more projects based on wireless sensor networks focused on energy rationalisation, agriculture, forest protecting, manufacturing.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Specific areas:

- IT security, Digital track analysis
- Energy rationalization, Building energetic simulation
- Forest protection
- Fleet controlling

Serendipity o.s.

CONTACT PERSON

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Czech Republic



e-mail: abaran@medialine.cz
www: <http://www.charity-fair.webnode.cz>

AREAS OF ACTIVITY: Europe in changing world – inclusive, innovative and reflective societies, ICT – Information and Communication Technologies

WE OFFER

We offer partnership and cooperation on non-profit Charity fair project.

WE LOOK FOR

We are looking for partners with proven expertise in the fields of WebGL application development, virtual exhibitions, and social networks. We are also looking for collaborators in the fields of IT and marketing for an upcoming international project for NGOs and social enterprises called CHARITY FAIR (www.charity-fair.webnode.cz).

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Mission Statement:

We believe that non-governmental organizations (NGOs, social enterprises and corporate bodies) represent a key factor in the development of a strong civic and economy society and that they play a vital role in the transformation processes in many countries of the world. Therefore, they should be provided with more opportunities and support in communicating with the public, sharing experiences with each other, establishing new partnerships and further education and growth. As Facebook, MySpace, Linkedin, Salesforce CRM and others have shown, social media presents a unique opportunity for communication and sharing of information. Our upcoming startup project is an attempt to harness this potential for their special needs.

Slovak University of Technology in Bratislava, Faculty of Mechanical Engineering

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AREAS OF ACTIVITY: Secure, clean and efficient energy

WE OFFER

We specialize in applications of alternative fuels for internal combustion engines in cogeneration units. We are able to measure the parameters of engine at three different dynamometers, up to the power 350 kW/5000 min⁻¹. From alternative fuels, we focus on gaseous fuels (process gases), particularly on synthesis gases of various composition. The investigation is conducted on an engine with investigate and monitor the impact of optimized compression ratio on engine parameters, the impact of combustion process (knocking combustion) by monitoring pressures in cylinder, the influence of various synthesis gases on fuel consumption, emissions, etc. For the above-mentioned applications we develop a complete control program for a given engine. The goal of our work is to develop a combustion engine capable of effective burning of alternative fuels, especially synthesis gases of various compositions. Such an engine is able to drive a co-generation unit and thus, via cogeneration, to use RES (wastes) for combined production of electric and heat energy (CHP).

WE LOOK FOR

The relevant topic in work programme is research in the field of improved energy sourcing of process gases, syngases (synthesis gases - alternative fuels) produced from renewable sources of energy (RES), in combustion engines. The goal is to develop a combustion engine capable of effective burning of synthesis gases of various compositions. Such an engine can be used to drive a co-generation unit and thus, via cogeneration, to use RES (wastes) for combined production of electric and heat energy (CHP). Within the planned project we are able to verify the effect of about 20 to 25 different syngas compositions (combination of CH₄, H₂, CO, N₂ and CO₂) and build a prototype of a cogeneration unit for the selected alternative fuel. The contribution to the planned project focuses on strategic priorities of EU and can help also the Slovak Republic in the field of support for utilisation of renewable sources of energy for needs of the economy. The project outcome will bring the necessary know-how for solutions of tasks integrated with energy revaluation of renewable sources - wastes, by utilising process gases produced from wastes as alternative fuels for combustion engines. The main goal of the project concentrates on optimisation of combustion engine powered by process syngases and on predictive control of the engine.

We would like to join the following forthcoming H2020 calls:

1. ☐ H2020-EE-2015-2-RIA (EE-13-2015) Energy efficiency research and innovation.
2. ☐ H2020-LCE-2015-2 (LCE-19-2015) Competitive low-carbon energy

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

As a partner of the project we can realize a fundamental, or applied research related to complex optimisation of the combustion engine powered by required alternative fuel (liquid, gas). In collaboration with company cooperating on our research, we can offer a prototype building of cogeneration unit with a desired output.

Sokoró Natúrzóna Ltd.

CONTACT PERSON

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www: <http://naturzona.hu>



AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

Research and development of biogas technologies: raw materials, operation of biogas plant, gasification, usage of output materials.

Additional development based on waste heat of gasmotor.

WE LOOK FOR

Partners who take part in research and development of biogas projects.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We would like to find partners for a long time cooperation.

Tele & Radio Research Institute - Thermal & Chemical Devices Centre

CONTACT PERSON

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www:



AREAS OF ACTIVITY: Advanced manufacturing and processing, Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

The scope of our interests are innovative PLASMA techniques:

- The environmental friendly process of solid waste utilization, especially electronic, or plastic waste, with the use of the pyrolytic-plasma method. We have patent no PL 207205 for the method. The device which we designed in the frame of this field of our interests won two international awards:
- The environmental friendly process of utilization of liquid and gaseous waste, including carbon dioxide recycling, enrichment of biogas
- The method of hydrogen production
- The process of plasma surface modification
- Another chemical reactions with the use of the plasma reactor eg. examining the effect of catalyst in desired conditions

The scientific apparatus that we have:

- The prototype unit of a largescale-laboratory device for the waste utilization process with a new pyrolytic-plasma method. The unit is designed for utilization of solid, liquid or gaseous type of waste.
- The largescale-laboratory plasma reactor operating on the principle of gliding discharge.
- The laboratory plasma reactor operating on the principle of dielectric barrier discharge, which we use to modification of the various surfaces.
- The laboratory of GC analysis
- The laboratory equipped with the gas feeding system, the measuring system, the semi-automatic data recording system, the system for sampling the post reaction gas.

We offer:

- Cooperation in projects connected with above mentioned areas of interests, we can be a partner in H2020, willingly in FCH JU
- Cooperation in solving scientific or practical problems connected with reducing the amount of production waste in private companies
- Cooperation in designing solutions of various technological issues
- Any other kind of cooperation

WE LOOK FOR

- H2020 or other project partners/coordinators in above mentioned research field
- Investors for the offered technologies
- Partners for various kinds of international cooperation

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

The detailed questions please send in advance via e-mail: malgorzata.majdak@itr.org.pl

TESCO SW a.s.

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Czech Republic



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AREAS OF ACTIVITY: Energy efficient buildings, ICT – Information and Communication Technologies, Secure, clean and efficient energy

WE OFFER

We are medium-sized IT company (210 employees) focusing on the development, production and implementation of own software solutions and providing complex IT services. Our products cover:

- Software solutions for supporting administration and maintenance of tangible assets and properties – so called CAFM (Computer Aided Facility Management) and CMMS (Computerized Maintenance Management Software)
- e-Government area with ORG (information system of basic registers that provides personal data security saved in basic registers) or Crypto ID (security component that provides users identity and registration data management), integration of public policy e-services (regional governments etc.)
- Energy management systems (integrated with the CAFM system) - data collection and assessment from smart metering system, interconnection with billing system etc.

WE LOOK FOR

Partners (potential coordinator) for HORIZON 2020 projects focusing on e-Government and smart energy solutions.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

No specification at this point of time.

The British Embassy

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11801 Prague
Czech Republic



e-mail: otakar.fojt@fco.gov.uk

www:

<https://www.gov.uk/government/world/organisations/british-embassy>

AREAS OF ACTIVITY: Advanced materials, Biotechnology, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being, ICT – Information and Communication Technologies, Nanotechnologies, Secure societies – protecting freedom and security of Europe and its citizens, Secure, clean and efficient energy, Space, Other

WE OFFER

Opportunities to network you with a potential UK counterparts.

WE LOOK FOR

Local Czech counterparts, who would like to be networked with their UK opposite numbers.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

I'm the intermediary supported by the UK Government and my role is to stimulate Czech-UK cooperation in science and innovation

The Science and Technology Park of Palacký University in Olomouc

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Biotechnology, Climate action, environment, resource efficiency and raw materials, Factories of the future, Food security, agriculture-forestry, marine-maritime-inland water research, bioeconomy, Health, demographic change and well-being, ICT – Information and Communication Technologies, Nanotechnologies, Space, Other

WE OFFER

Research and development in advanced research centers (RCPTM, IMTM, CR-Haná).

Transfer and development of high-tech technologies in medical, industrial and environmental fields.

Top research in the field of metal oxide nanoparticles for magnetic and catalytic applications of carbon nanostructures, metal nanoparticles for antimicrobial technology and water purification technologies, coordination chemistry, photonics, new instrumentation techniques in optics and analytic chemistry, anticancer drugs and diagnostics and biologically active substances.

Prestige of Palacký University in Olomouc

Premises for the establishment of spin-offs and start-ups in the modern laboratory and office space of the Science and technology park.

WE LOOK FOR

Long-term cooperation with industry and academia.

Cooperation in research projects.

Investors for the offered technology (know-how and intellectual property).

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

For specific questions, please send them in advance to my e-mail: petr.kubecka@vtpup.cz.

The University of Žilina

CONTACT PERSON

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AREAS OF ACTIVITY: Secure societies – protecting freedom and security of Europe and its citizens

WE OFFER

- Modeling and simulation of crisis phenomena in transport for improvement of efficiency decision-making.
- Research systems to protect critical infrastructure facilities.
- Solving theoretical and fundamental crisis management problems.
- Investigate fundamental, organizational and structural problems of risk and crisis management in public administration.
- Risk analyses and projection of preventive actions.
- Solving crisis situations problems existing in nature, economy and society.
- Solving fire engineering, mainly fire prevention and fire protection.
- Structural fire protection.
- Fire protection of road tunnels and constructions.
- Solving actual tasks in the frame of emergency complex system, to innovate the technology and technical means in fire protection.
- Solving tasks related to security protection of people, property and equipment.
- Methods and technique of security management. Integrated safety systems.
- Develop the transport infrastructure problems and solve transport problems in crises situations

WE LOOK FOR

Partners or coordinators in following calls:

DRS-07-2014:

Crisis management topic 7: Crises and disaster resilience – operationalizing resilience concepts.

DRS-02-2014:

Crisis management topic 2: Tools for detection, traceability, triage and individual monitoring of victims after a mass CBRNE contamination and/or exposure.

FCT-10-2014:

Urban security topic 1: Innovative solutions to counter security challenges connected with large urban environment.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

N/A

Tieto Czech s.r.o.

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AREAS OF ACTIVITY: Factories of the future, ICT – Information and Communication Technologies

WE OFFER

Product Development Services business area that continues to differentiate itself by combining its deep customer process knowledge with technical expertise. In Product Development Services our strong offering covers telecom network equipment and platform providers, mobile device and consumer electronics manufacturers as well as semiconductor providers.

Cloud-based development and test environments with end-to-end orchestration features enable service catalogue based dynamic environment provisioning and management with maximum flexibility and scalability.

WE LOOK FOR

partners for testing and to develop enhanced features for another industrial areas (telecom operator, automotive, etc.)

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

improve solution to access new markets

Tiskárna Grafico s.r.o.

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www: <http://www.grafico.cz/index.html>

AREAS OF ACTIVITY: Other

WE OFFER

Our knowledge, experiences and services in printing, packaging and generally at printing industry.

WE LOOK FOR

We look for partners and coordinators who could help us develop our printing business, share their knowledge and experiences

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

-

TQRA

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74791 Opava-Štítina
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www:

AREAS OF ACTIVITY: Health, demographic change and well-being

WE OFFER

Nabízíme široké portfolio nových inovativních produktů, které mají šanci být úspěšné na trhu.

WE LOOK FOR

Hledáme partnery / investory pro vstup do nového INOVAČNÍHO CENTRA na území MSK / v regionu OPAVA / OSTRAVA

Předmět činnosti IC

Výzkum/inovace

Aplikovaný výzkum do praxe / nové produkty zaváděné na trhy.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Specifikace oblastí zájmu inovací / výzkumu.

1- výroba el. energie / nové produkty.

2- Doplnky pro motoristy

3- Zdravotní technika / pomůcky

4- Produkty pro volnočasové aktivity / sport

University of Information Technology and Management in Rzeszow

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Energy efficient buildings, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, Green cars and e-mobility, Health, demographic change and well-being, ICT – Information and Communication Technologies, Secure, clean and efficient energy, Smart, green and integrated transport, Other

WE OFFER

The University of Information Technology and Management's philosophy has been to provide quality educational programs geared to serve those seeking a solid foundation in knowledge and skills to be competitive in the job market and to obtain successful employment involving the application of space-age information technologies.

A diverse and attractive teaching and research program, the application of the most advanced information technologies, intensive foreign language courses, all supported by the modern infrastructure make the University of Information Technology and Management in Rzeszow the place where there is a wealth of talent among the faculty and students. Bearing in mind the expanding process of globalization and Poland's accession to the European Union, all our initiatives aim at preparing students for performing social functions in a responsible and competent way in Poland, in other markets in Europe and around the world.

The University of Information Technology and Management in Rzeszów offers a great variety of courses thought in Polish language.

The faculties of UITM: Faculty of Administration and Social Sciences, Faculty of Economics, Faculty of Tourism and Health Sciences, Faculty of Applied IT.

Intercultural exchange is highly valued and of prime importance to UITM, that is why the University has been engaged in international projects and established partnerships with foreign institutions. It offers study programmes to international students, whose current number exceeds 500.

The UITM students can earn a degree from a number of well-known universities in the USA and Europe. There are several double degree programmes offered by UITM at no extra charge, in the following fields: Information Technology, Computer Graphics and Animation, International Business, Business Administration, MBA, Hospitality Management, Tourism and Recreation, Public Health, Emergency Medical Care, Journalism, Media and Communication, European Studies.

The UITM closely cooperates with business. As a member of Enterprise Europe Network we help companies to find new business partners and ways to source or sell technology, provide information on EU legislation and funding, and offer advice on how to develop an innovative idea. We are investing seed capital in startups.

We are animator of several cluster initiatives - among them our leading one is IT cluster. We are looking for business cooperation for our IT companies of South East of Poland.

WE LOOK FOR

We would like to join consortia to realize projects in the following areas: Information Technology, Computer Graphics and Animation, Tourism and Recreation, Public Health, Emergency Medical Care, Journalism, Media and Communication and other related.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

INNOVATIVE INFRASTRUCTURE OF THE UNIVERSITY OF INFORMATION TECHNOLOGY AND MANAGEMENT IN RZESZOW

Wide range of specialties within IT. Huge infrastructure potential - UITM has 17 highly innovative IT laboratories i.a.:

Software Engineering Laboratory

Laboratory of Virtual Reality and Image Processing

Laboratory of Computer graphics and Digital Art

CISCO Systems Laboratory

Microsoft Laboratory

Sun Microsystems Laboratory

Novell Laboratory

Laboratory of Parallel Processing Architecture and Parallel Programming

Laboratory of Acoustic and Audio Processing

Laboratory of Data Warehousing Techniques – Information Repository

Laboratory of Automatics and Robotics.

OUR LABS' PRESENTATION IN ON THE WEBSITE:

<http://kandydaci.wsiz.rzeszow.pl/en/research/laboratories>

OUR OFFER FOR BUSINESS IN ON THE WEBSITE:

<http://oferta.wsiz.rzeszow.pl/en/>

University of Miskolc, Faculty of Materials Science and Engineering

CONTACT PERSON

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Nanotechnologies, Space

WE OFFER

Developing environmental friendly solder materials for the automotive industry
Solving material scientific problems of solder materials and solder joints
Solving practical problems of brazing technologies
Developing erosion resistant coatings for lead-free soldering technologies
Calculating phase diagrams using ESTPHAD method
FEM modelling of melt flows in melts stirred with rotating magnetic field
Directional crystallization experiments in rotating magnetic field
Fine structure analysis of metallic components
Failure analysis of metallic materials
Examinations on phase transformations of trip/trip steels and shape memory alloys
Sampling-free measurement of technological residual stresses by X-ray diffraction
Optimisation of lifetime enhancing technologies based on residual stress measurements by X-ray diffraction
Investigating the evolution of residual stresses during fatigue
Developing amorphous metals
Developing metal matrix composites
Developing nitridizing technologies
Examination of dynamic recrystallization in Al alloys

Research on the potentials of energy utilization of low quality brown coal
Research on the renewable-based heat supply of small settlements, with prime focus on biomass-based heating
The remediation of heavy metal contaminated industrial sites by applying phytoextraction
Research on the material processing and secondary utilization of rubber waste
Urban air quality: prevention and/ or removal of smog
Solar to thermal conversion: researches on solar panels, solar parabolic dishes
Solar to electricity includes photovoltaics: researches on stirling engines, artificial photosynthesis
Waste energy harvesting options: researches on piezoelectric floor, traffic lanes / wind energy
Utilization of geothermal energy

Developing foundry technologies / casting simulations / high pressure and die casting technologies
Researches on moulding materials
melting and melt treatment technology optimization
Calculation of thermal- and casting technology parameters
Examination of sand reclamation
Waste disposal and technological utilization
Definition of HDPC technological parameters on casting part properties
Casting defect analysis
Developing environmental friendly and efficient recycling methods of metals from primary and secondary resources
Studying physical and chemical processes of plasma treatments
Developing coatings for different substrates

Development of active materials of reactive barriers focusing on the dead biomass and coals
Research on atom-spectrometric sources, development of emission-spectrometric analytical methods
Chemical synthesis in microreactor
Studies on chemical degradability of antibiotics and pesticides
Examinations on the possibilities of removing EDC and PPCP materials from waters
Developing an electrochemical method and related equipment to demolish organic water contaminations, production and application of carbon nanosorbents and catalysts

Evaluation of hetero-modulus ceramics
Development of technical ceramics
Designing environmental friendly construction materials

Research and development in the field of nonmetallic prosthetic implant materials, main focus on UHMWPE polymer products

Development of implant wear and life cycle evaluating applications and equipments

Recycling and processing of secondary raw polymeric materials

Monitoring of changes in chemical and mechanical properties of technical polymers during recycling

Process evaluation and testing of polymer components for the automotive industry

WE LOOK FOR

We are looking for partners for the above listed topics.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We prefer to become partners (and not coordinators) for cooperative projects.

University of Silesia in Katowice

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Biotechnology, Climate action, environment, resource efficiency and raw materials, Europe in changing world – inclusive, innovative and reflective societies, Health, demographic change and well-being, Other

WE OFFER

UNIVERSITY OF SILESIA

University of Silesia is one of the largest institutions of higher education in Europe. The University has concluded over 440 bilateral agreements with almost 300 institutions from 40 countries around the world. These partnerships permit the exchange of students and teachers, as well as joint research and educational initiatives. Within the framework of the European Union projects, various investments are realized, targeting the modernization of the existing didactic infrastructure as well as the construction of new, highly functional student facilities which meet the highest European standards.

Currently, the University of Silesia is running 1,200 of its own projects, in addition to almost 600 research projects carried out in conjunction with various outside institutions, both domestic and foreign, including business organizations. A substantial part of our research prioritizes innovation and practical applications for the economy.

ABTOW BIOTECHNOLOGY Ltd

Automatic Biodetector of Water Toxicity (ABTOW) is part of Biological Early Warning Systems (BEWS), based on the natural response of living organisms to toxic substances. This reaction involving behavioral or physiological changes and is the basis for registration and transfer of electronic data about the sudden deterioration of water.

The proposed solution is based on the use of bacterial cultures having, natural sensitivity to a wide range of substances, while maintaining rapid response system within 90 seconds from the introduction of analyzed water into the ABTOW system.

ABTOW technology provides continuous monitoring of water quality for the presence of hazardous substances in the water and is a great control point in the treatment and monitoring of water. It is used both in waterworks and food processing companies.

WE LOOK FOR

Target partner sought (expertise, type):

University and spin-off companies, which are engaged in water-safety system development looking for new areas of cooperation - including the clients and business partners.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

UNIVERSITY:

The University has almost 40,000 intramural and extramural students at the BA, MA, postgraduate and Ph.D. level students following 46 undergraduate and postgraduate programs subdivided into over 130 specializations. All courses are recognized by the ECTS, which facilitates international student exchange.

ABTOW:

Automatic Biodetector of Water Toxicity (ABTOW, ABTOW system) is part of a trend of so-called - Biological Early Warning Systems (BEWS), based on the natural response of living organisms - fish, shellfish, algae and micro-organisms - to toxic substances. This reaction involving behavioral or physiological changes and is the basis for registration and transfer of electronic data about the sudden deterioration of water.

The proposed solution is based on the use of bacterial cultures having, natural sensitivity to a wide range of substances, while maintaining rapid response system within 90 seconds from the introduction of analyzed water into the ABTOW system.

University Science Park - University of Zilina

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AREAS OF ACTIVITY: Advanced materials, Europe in changing world – inclusive, innovative and reflective societies, Factories of the future, Green cars and e-mobility, ICT – Information and Communication Technologies, Secure societies – protecting freedom and security of Europe and its citizens, Smart, green and integrated transport

WE OFFER

University of Žilina - University Science Park is an excellent R&D institution focused on following reserach areas:

- Smart cities, Modelling & Simulation, Optimization, Multimodal transport, Traffic control
- Digital factory, Ergonomics, Rapid prototyping, Bionics, Virtual testing
- Photonics, Biomedicine, Alternative pwr. supply
- Sensor networks, Analytics, Data processing, Decision support

We have special attention to prepare projects in the area of Smart Cities, The R&I activities in the area of Smart Cities concept can be summarized as follows:

Research related to Transport

- Telematic systems in transport, utilization of communication and information technology in Intelligent Transport Systems
- ITS services architecture (functional and organizational), ITS technologies and services
- Analysis of transport processes for Intelligent Transport and creation of computer model describing the process structure and functional architecture with regard to quality and safety of provided services,
- Optimization tasks on transport networks
- Methodologies for costs identification and analysis in logistic chain
- Creation of an object-oriented model of the „Electronic toll payment“ service for the utilization of transport infrastructure and „Information for passengers“
- The problem of transport processes safety. Control of crisis situations in transport of dangerous goods
- Transport and communication policy and identification of socially optimal and effective level of transport and communication systems. Mathematical traffic modelling
- Macroeconomic and microeconomic effects of Intelligent Transport Systems
- Interactions of demands and offers in transport in connection with the market and economy structure,
- Diagnostics of business environment in transport, development of suitable methods for diagnostics in transport enterprises and determination of effective therapies in these enterprises
- Monitoring and prediction of costs in transport and communications with respect to technology, calculation of external effects of transport and their internalization. Evaluation of effectiveness of investments in transport. Quality control in transport and services
- Research of unconventional drives and its components and research of intelligent testing and diagnostic system for electric cars. Research in the area of e-mobility concepts and infrastructures

Research related to ICT

- Artificial intelligence in critical process control
- Data-intensive and analytical data processing in transport
- IP networks including quality and security of network services in converged platforms
- Communication technologies and networks for special applications, emergency communication networks, satellite communication systems
- Sensor technologies and processing data from sensors for land and satellite applications,
- Research, development and applications of systems based on optical fibres and photonic sensors and their applications in Intelligent Transport Systems, monitoring of transport infrastructure and new services, advanced materials and technologies in transport
- Optimization and simulation of transport processes using sophisticated programming methods
- Research of localization systems, algorithms and services providing position estimation of mobile entities in ITS in all types of environment

WE LOOK FOR

We look for project partners/coordinator in the above mentioned research areas.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

In the area of H2020 projects, we can act as project partner or be a leader of a consortium.



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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials

WE OFFER

consultation

WE LOOK FOR

high frequency welding
soft foam glueing
plating
spherical bending of polycarbonate (Wölben)

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

gaining new informations the above mentioned (sellers of the machines, companies having experiences with this processes)

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials

WE OFFER

consultation

WE LOOK FOR

high frequency welding
soft foam glueing
plating
spherical bending of polycarbonate (Wölben)

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

gaining more informations above topics the above mentioned (sellers of machines, companies having experiences with this processes)

VSB - Technical university of Ostrava

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AREAS OF ACTIVITY: Energy efficient buildings, Green cars and e-mobility, ICT – Information and Communication Technologies, Secure, clean and efficient energy, Smart, green and integrated transport

WE OFFER

Knowledge in following areas:

- Power Quality Instrumentation, Power Quality Monitoring
- Power Quality Analyzer Testing
- Phasor Measurement Unit Testing
- Energy Power Flow Monitoring in Buildings
- Special Instrumentation R&D
- Test and Measurement Automation for Industry based on Virtual Instrumentation
- Machine Vision for Industrial Inspections based on Virtual Instrumentation

WE LOOK FOR

Partners who can use our expertise and help us to increase our knowledge by joint R&D projects.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

We want to bring into the process university staff and Ph.D. students also.

VSB - Technical University of Ostrava - Faculty of Mechanical Engineering, Department of Mechanical Technology

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials, Nanotechnologies

WE OFFER

Laboratory equipment for production metallic materials with UFG structure.

We have two prototype devices for the production of semi-products with UFG structure:

- For the production of sheet metal strip with dimensions of 58 mm (width) x (1.7 – 2) mm (thickness) x 1000 mm (length)
- For the production of wire with a diameter of 7 and 8 mm and length 1000 mm.
- Hydraulic press 2 000kN with forming tools for ECAP methods. Parameters of specimens: 20 x 20 x 100 mm

WE LOOK FOR

Financing partner and co-operation in the development of metallic materials with UFG structure (or nano) in the field of medicine (implants with higher strength and better biocompatibility, prosthetics) as well as in the automotive industry.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Choosing a commercial partner who would be interested in the production of UFG semi-products and co-financing this production.

VŠB - Technical university of Ostrava, Faculty of civil engineering, Building Materials Lab

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AREAS OF ACTIVITY: Advanced materials

WE OFFER

Research, development and usage of (new) building materials
Testing of physically- mechanical and chemical properties of building materials
Diagnostics and rehabilitation of building structures
- research, evaluation and application
- in-situ sampling, destructive and non-destructive methods
Cooperation with privat sector

WE LOOK FOR

The lab have a close cooperation with private company which is responsible for waste water treatment. For a few years the department has done a lot of work related to evaluation and rehabilitation of constructions owned by the mentioned company.

For project we have agreement of private firm for cooperation (partnership), possibility to doing necessary sampling and testing new materials or treatment in real conditions.

we woul like to join to porject focused on close topic.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Experience of national and international research projects

VŠB - Technical university of Ostrava, Faculty of civil engineering, Czech brownfields partnership

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Europe in changing world – inclusive, innovative and reflective societies

WE OFFER

Czech brownfields partnership is informal network of universities, municipalities, organizations from public also private sector. In this partnership are groups of experts cover majority problems, connecting with brownfields regeneration as a part of sustainable development of municipal areas.

We are focused on conditions and possibilities of reusing under used or derelict area, preserve greenfield, increase efficiency of functions in municipalities and environment preservation.

WE LOOK FOR

Ideas of project where we would like to participate

Brownfields as big advantages for sustainable development(e.g. location, infrastructure, ...)

Changes in Europe - from Consumer oriented economy to green economy - the consequences for the huge shopping malls - Are they the next brownfields? How to prevent existence new brownfields

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Our team have experiences with EU projects

VŠB - TEchnical university of Ostrava, Faculty of civil engineering, Department of building materials and diagnostics of structures

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AREAS OF ACTIVITY: Advanced materials

WE OFFER

For project we have agreement of private firm for cooperation (partnership), possibility to doing necessary sampling and testing new materials or treatment in real conditions.

WE LOOK FOR

we look for coordinator: Project proposal – idea
Determination of building materials behaviour placed in aggressive environment (waste water, strongly alkaline or acid water)

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Experience of national and international research projects.

VSB - Technical University of Ostrava, Faculty of Metallurgy and Materials Engineering

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AREAS OF ACTIVITY: Advanced manufacturing and processing, Advanced materials

WE OFFER

Laboratories for study of deformation behaviour of advanced metallic materials - hot deformation simulator Gleeble 3800 + Hydrawedge II, unique semi-continuous laboratory mill for rolling of bars and intensive hot forming, etc. Experimental experiences in forming of many types of materials (intermetallic compounds, etc.), optimization physical simulations, cooperation with industrial practice, solving the research projects with various partners (industry, research, science), development of the mathematical models describing deformation behaviour and structure-forming processes of steels and non-ferrous alloys.

WE LOOK FOR

More partners for the joint research projects and study of the new types of materials/problems.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Joint research projects, commercial cooperation.

VŠB - Technical university Ostrava, Institute of Environmental Technologies

CONTACT PERSON

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

We offer applied research in anaerobic digestion for biogas production.

WE LOOK FOR

We look for partners interested in applied research and experimental development of anaerobic bioreactors and related equipment.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

TA ČR, EUREKA, HORIZON2020 research projects.

VŠB - Technical University of Ostrava, Centre ENET

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

- ☐ Research of fuels and raw materials (including waste) transformation into usable forms of energy.
- ☐ Research on impact of thermal processes on the environment.
- ☐ Research focused on modelling, simulation, transportation, treatment and storage of input fuels, raw materials and by-product.
- Research in the area of diagnostics of energy sources.
- Theoretical research, modelling and simulation in the area of accumulation and power balance management and individual units cooperation in Active Intelligent Microgrids.
- Research and development in the area of smart grid technologies and components.
- Experienced team of experts with knowledge of non-traditional energy sources.
- R&D is supported by established research infrastructure.
- Open access to established research infrastructure consisting of pyrolysis unit, laboratory of bulk materials, accumulation units, different types of inverters, laboratory of hydrogen technologies and equipment for diagnostics of energy sources. Field trip is possible by agreement.

WE LOOK FOR

- Partners for international co-operation in the interdisciplinary projects regarding different parts as raw materials, high temperature thermal processes, chemicals, mechanical and electrical power engineering, bulk materials, metallurgical processes, etc.
- Possibility to apply experience and established research infrastructure.
- Possibility to use gained knowledge in project of Smart Cities and Communities.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

- We suppose interdisciplinary oriented research of theoretical aspects of obtaining energy from non-traditional sources and their optimal integration into energy system.
- The research we propose and expect includes both the phases of transportation technology, treatment and processing of the input energy raw materials, fuels and by-products, and the phase of effective transformation to media suitable for production of electricity and heat, and finally the phase of the integration of distributed electricity sources into the grid, including energy storage, island mode of distributed energy sources and components of smart grids.
- Expected cooperation could lead to smarter, environmentally friendly regions using primary sources typical for region.

VŠB - Technical University of Ostrava, Centre ENET

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

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- Expected cooperation could lead to smarter, environmentally friendly regions using primary sources typical for region.

VSB-TU Ostrava, Department of Robotics

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AREAS OF ACTIVITY: Other

WE OFFER

Currently, the department deals with problems related to detection and emergency robots for rescuers, firemen and pyrotechnists. This research is supported by grants from the EU (Coal and Steel programme - project System for virtual TELEportation of RESCUER for inspecting coal mine areas affected by catastrophic events), NATO - Robotics Underpinning Future NATO Operations, Ministry of Industry and Trade of the Czech Republic and many of the prominent companies not only from the region participate on it. For example AITEMIN (Spain), SIMMERION GmbH (Austria), SkyTech Research (Poland), SILESIAN UNIVERSITY OF TECHNOLOGY Gliwice (Poland), Strojírny Třinec a.s., Fite a.s. Ostrava, ÚJCHBO Příbram, Robotssystem s.r.o. Horní Suchá, Moravský výzkum Brno. Mechanical and control design and realisation of the special robotics arm for arma UV. The department has its technical background in the Robotics Centre and also in the recently built Center of Advanced Innovation Technologies of VŠB, mechatronics division, on the university grounds.

WE LOOK FOR

partner in area of robotics (mobile robotics), robotics subsystems (special arms and grippers), manipulating with danger subjects (like explosive), 3D map building, know-how in area design of the control system with ATEX mechatronics - special metamorphic kinematic structures,

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

cooperation in area education,
cooperation in area EU projects,
obtaining know-how

VVICB Kapušany

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AREAS OF ACTIVITY: Biotechnology, Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

Spoluprácu v oblasti využitia obnoviteľných zdrojov energie najmä biomasy.
Výskum a inovácie v oblasti biotechnologických procesov fermentácie. Moderné spôsoby zhodnocovania biomasy termickým spôsobom. využitie obnoviteľných zdrojov pri rozvoji vidieka. B'Využitie odpadov z poľnohospodárstva na výrobu energie.

WE LOOK FOR

Partnera pre realizáciu výskumu odpadov z poľnohospodárstva a cielene pestovanej biomasy na výrobu energie a palív. A tiež partnera pre výskum procesov efektívnej premeny biomasy v rámci fermentácie na bioplynových staniciach a využitia odpadového tepla z bioplynových staníc.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Ponúkame špecializované pracovisk vybavené špičkovou meracou technikou a prístrojmi na analýzu vzoriek biomasy.

Výzkumný ústav stavebních hmot, a.s. (Research Institute for Building Materials)

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AREAS OF ACTIVITY: Advanced materials, Climate action, environment, resource efficiency and raw materials, Energy efficient buildings, Secure societies – protecting freedom and security of Europe and its citizens

WE OFFER

Research on composite materials with cement or polymer matrix with specific characteristics - high performance and durable materials.

Special aim to materials resistant to blast energy.

Utilization of industrial waste materials in building materials.

Services of specialized laboratories for analytical and physical chemistry, ecotoxicity and radioactivity evaluation.

WE LOOK FOR

Producers of waste materials looking for their utilization.

Organizations focusing on environmentally friendly and energy efficient materials and structures.

Organizations focusing on materials for security of buildings and citizens.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Participating in projects aimed to advanced materials and waste utilization.

YESA CENTRAL EUROPE

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AREAS OF ACTIVITY: Energy efficient buildings, Secure, clean and efficient energy

WE OFFER

Your Energy Solutions Agency Central Europe (YESA C.E.) is a non-governmental organisation that leads and implements national, regional and communal research, development and investment projects in Hungary and Eastern Europe together with partners from the private and public sectors.

Cooperation offer:

1. ☐ Search of investment opportunities / organisation of technology based funding
2. ☐ PPP management (Austria, Hungary, Slovakia)
3. ☐ Technical due diligence
4. ☐ Independent expert consultation in the field of sustainable energy
5. ☐ Knowledge exchange

WE LOOK FOR

We focus on international partnership management, we are looking for partners that need our help to organise international partnership, participation in international consortia, in EU-tenders. We have strong relationship with Austrian and German market players in the field of industry.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Cooperation in EU-calls, sustainable projects, organisation of study tours in the field of renewable energy, supporting best practice transmission.

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AREAS OF ACTIVITY: Other

WE OFFER

Již od samého počátku historie bylo hlavním mottem firmy postupně vybudovat výrobně-dodavatelskou firmu, která by svým sortimentem nabízeného zboží byla schopna uspokojit zejména veškeré požadavky profesionálních a dobrovolných hasičských sborů a záchranných jednotek.

Od tohoto záměru byl odvozen i název firmy ZAHAS s.r.o. - ZÁchranné a HAsičské Systémy.

V současné době firma nabízí řádově několik stovek různých technických prostředků, výstroje a výzbroje pro hasičské a záchranné jednotky. Počátkem roku 2002 zahájila firma vlastní výrobu zásahových oděvů, pracovních stejnokrojů, triček a dalších výstrojních součástí. Všechny naše výrobky jsou vyráběné v souladu s ČSN-EN.

WE LOOK FOR

Jednání z oblasti textilní výroby odevu, nebo strojní výroby typu malých i větších čerpacích zařízení, problematika vybusného, rizikového prostředí?

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Jednání z oblasti textilní výroby odevu, nebo strojní výroby typu malých i větších čerpacích zařízení, problematika vybusného, rizikového prostředí?

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AREAS OF ACTIVITY: Climate action, environment, resource efficiency and raw materials, Secure, clean and efficient energy

WE OFFER

Developing, producing and servicing electronic and electrical equipments for underground mines, other mines and industry. Measuring of air environment.

WE LOOK FOR

New clients, new cooperators, new business areas.

ADDITIONAL SPECIFICATION OF EXPECTED COOPERATION

Mutually beneficial bilateral cooperation in order to find new markets and customers.