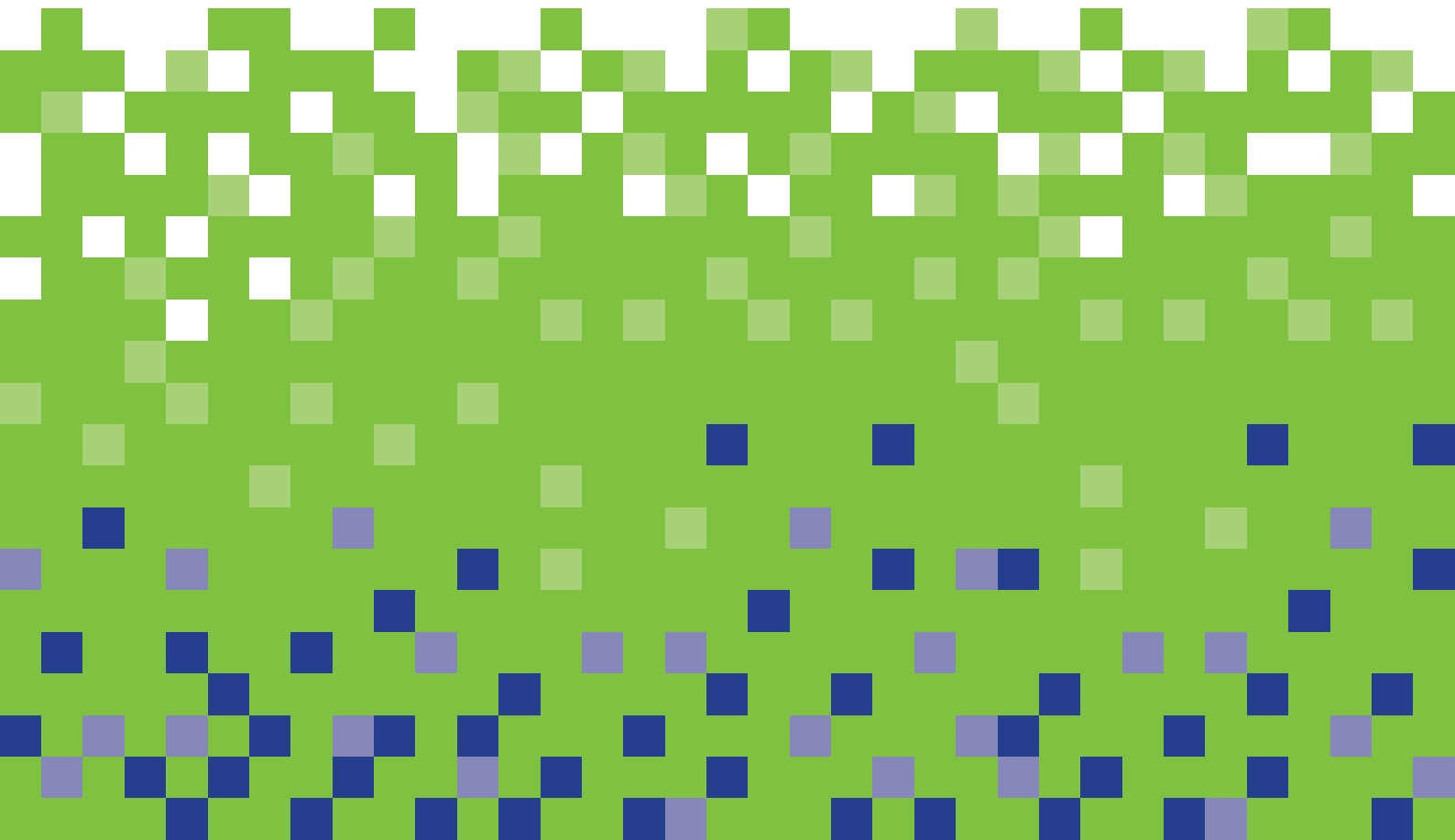
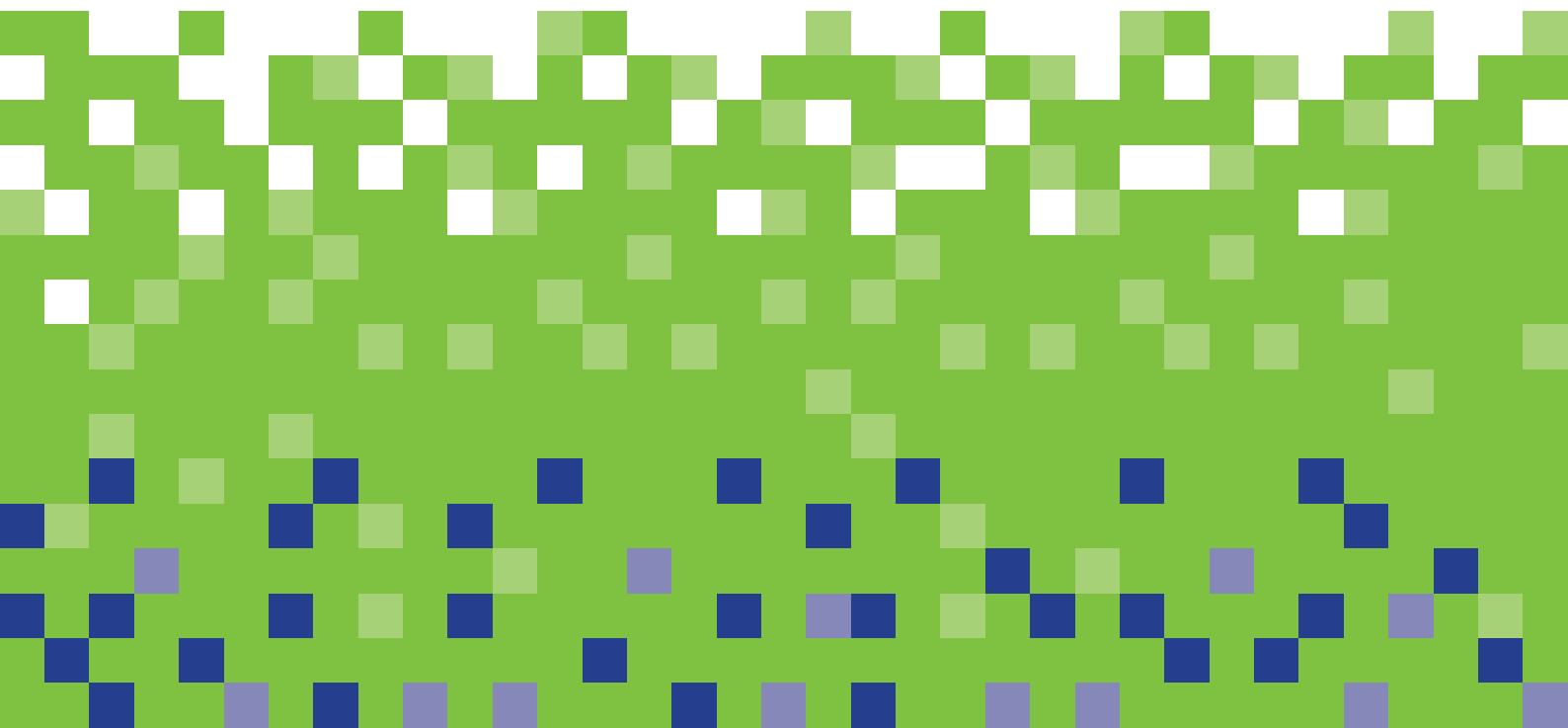




CATALOGUE OF MEMBERS

NATIONAL CLUSTER ASSOCIATION **2018**







Ladies and Gentlemen,

I have the pleasure to introduce you the 2018 Catalogue of Members of the National Cluster Association comprising twenty-five cluster organisations and eight other institutions and companies involved in the cluster concept development in the Czech Republic.

Today, the NCA represents, through its members, the community of nearly 600 entities, including over 350 small and medium businesses, 11 research institutes, 14 universities and 25 secondary/professional schools. These quite high numbers issue from the specifics of cluster organisations that reflect the concentration of firms along the value chain of a given industry in a specific territory, creating a natural cluster.

The growing importance of clusters and the holistic benefits of cluster organisations for the RIS3 implementation and industrial change acceleration were confirmed by the 20th global cluster conference TCI 2017 in Bogota with 350 participants from countries all over the world.

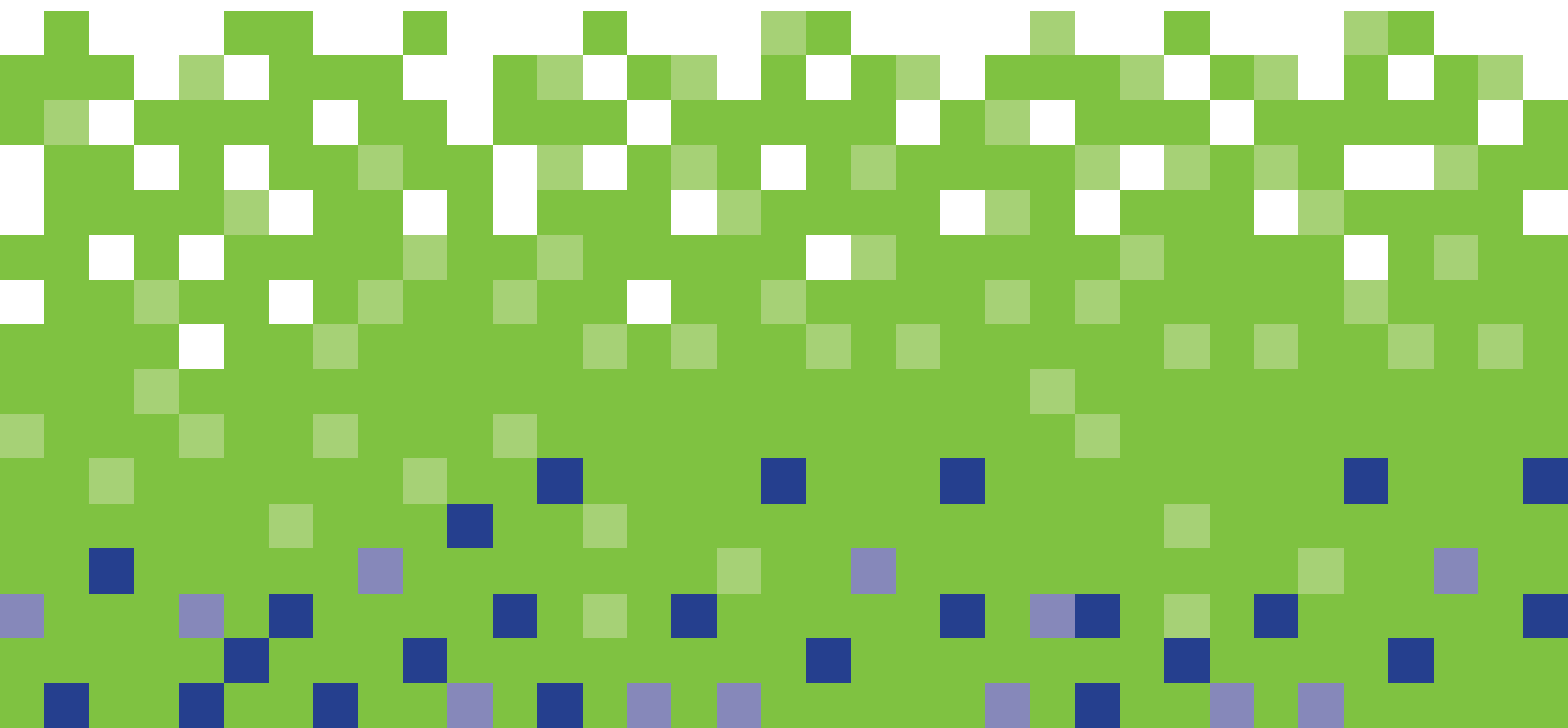
Also, the 1st European Cluster Policy Forum that took place in Brussels in February 2018 emphasised the key role of clusters in these transformation processes based on "better use of clusters in support of entrepreneurship and the scaling-up of SMEs, fostering cluster internationalisation and cluster excellence - the building and professionalisation of cluster management". These and other theses will be embodied in the new European Cluster Policy Strategy that is already on its way.

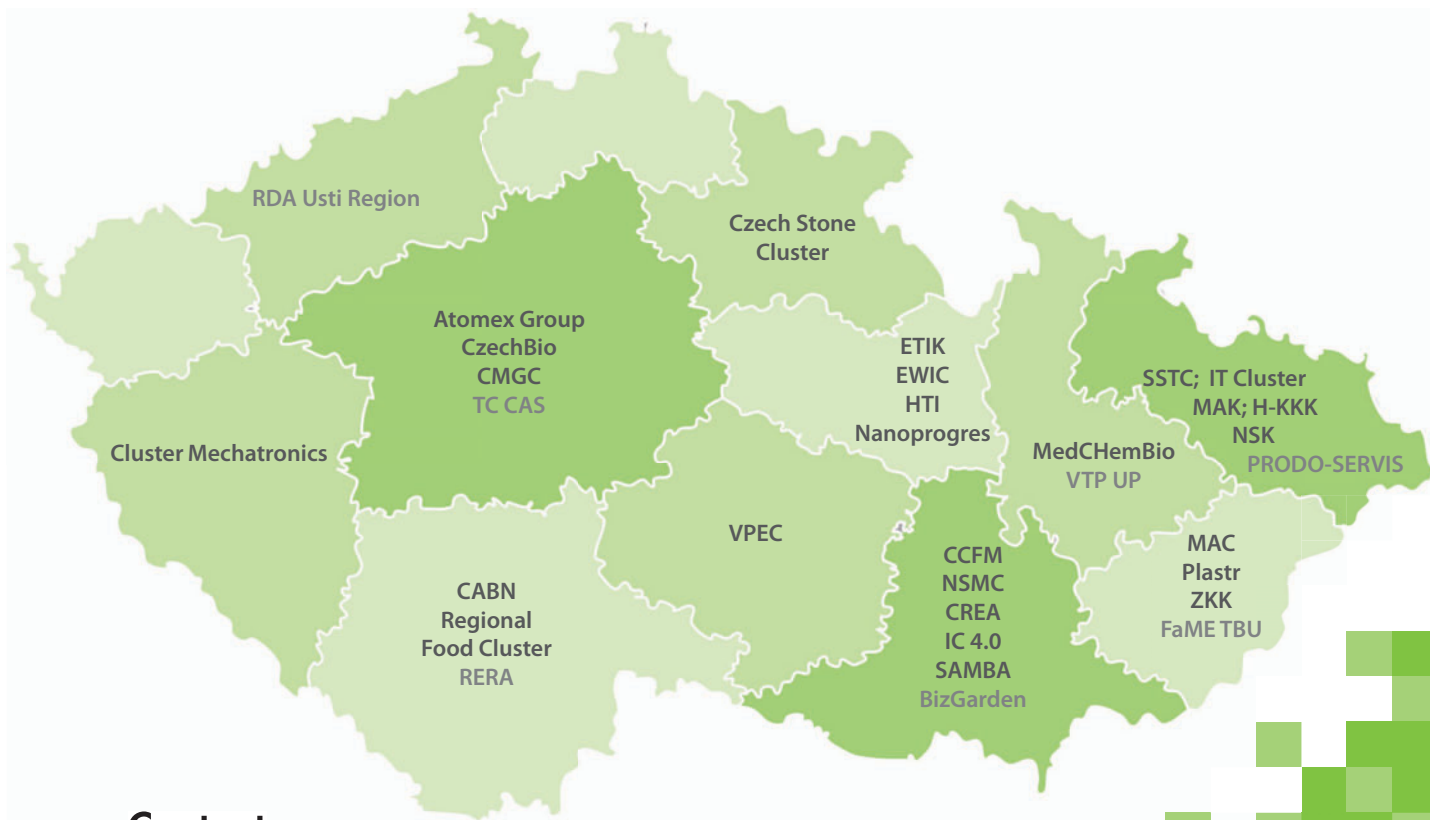
The National Cluster Association is here to assist its member cluster organisations on their mission of breaking through!

Pavla Bruskova
President of the NCA



HELPING CLUSTERS TO CLUSTER





Content

CLUSTER ORGANIZATIONS

Atomex Group	5
Safety and Security Technology Cluster (SSTC)	5
CREA Hydro&Energy (CREA)	6
Czech Stone Cluster	6
CzechBio – Association of Czech Biotech Companies	7
The Czech & Moravian Glass Cluster (CMGC)	7
Energetic and Technical Innovation Cluster (ETIK)	8
Energy-water innovation cluster (EWIC)	8
HK Metal Cluster (H-KKK)	9
Hi-Tech Innovation Cluster (HTI)	9
Industry cluster 4.0 (IC 4.0)	10
IT Cluster	10
Cluster of Czech Furniture Manufacturers (CCFM)	11
Cluster Mechatronics	11
Vysocina Precision Engineering Cluster (VPEC)	12
MedChemBio	12
Moravian-Silesian Automotive Cluster (MAK)	13
Moravian Aerospace Cluster (MAC)	13
Nanoprogress	14
Czech Machinery Cluster (NSK)	14
Network Security Monitoring Cluster (NSMC)	15
Plastics Cluster (Plastr)	15
Regional Food Cluster	16
SAMBA	16
The Zlin Creative Cluster	17

SUPPORTING INSTITUTIONS AND OTHER ENTITIES

The Regional Development Agency of South Bohemia (RERA)	17
Regional Development Agency of Usti Region, Plc. (RDA Usti Region)	18
Technology Centre of the Academy of Sciences (TC CAS)	18
Tomas Bata University in Zlín Faculty of Management and Economics (FaME TBU)	19
Science and Technology Park of Palacky University in Olomouc (STP PU)	19
BizGarden Ltd.	20
PRODO-SERVIS, s.r.o.	20

Established in 2009, the Atomex Group associates 18 organizations comprising the Czech innovative manufacturing, commercial and engineering companies and scientific institutions.

Its member companies specialize in the field of development, production and supplies of technological equipment for energy including renewables, nuclear power plants, heating plants and incinerators, sewerage plants, chemical and petrochemical industry, automotive industry etc.

Products/Services

- Supplies of advanced products and technologies.
- Operation of specialized technological center, development of infrastructure.
- To organize the common research and development of the members.

Cooperation opportunities

- Research and development of the equipment, common realization of investment projects.

Activities

- Organization of common research and development projects.
- Organization of common trade activities, especially for export.



www.atomex.cz, Contact: Jan Bartošič, atomex@atomex.cz, +420 777 289 456, Černošská 1930, 256 01 Benešov, Czech Republic



Safety and Security Technology Cluster

Safety Technology Cluster was founded in 2010 by particular industrial enterprises, colleges and research and development companies in the Moravian-Silesian Region. The main object of Safety Technology Cluster is improvement of security, competitiveness of connective members, support of science, research and innovation in safety and security area, innovation, marketing and publicity, networking between members and education and staff development.

Products/Services

- Measurement of pollution rate with analysis and evaluation.
- Expert analysis, reviews, recommendations in safety and security area.
- Project support and services.
- Educational activities for cluster members.

Cooperation opportunities

- Partnership in safety and security area.
- Consulting and professional activities in safety and security area.
- Research and development activities and transfer of knowledge and technology.
- Participation in projects.

Activities

- Research, development and innovation.
- Organize seminars, conferences and workshops.
- Project consultation, preparation and realization.
- Education, marketing and publicity.



www.btklastr.cz, Contact: Simona Guzdková, simona.guzdkova@btklastr.cz, +420 734 232 532, Pikartská 1337/7, 716 00 Ostrava - Radvanice, Czech Republic

The CREA H&E cluster organization covers the areas of water management, hydraulic constructions, waste management and renewable energy. CREA is the holder of the Gold Label of Cluster excellence awarded by the European Secretariat of Cluster Analyses and member of Czech and European professional associations and innovation networks. Cluster was established in 2008, numbering 30 members.

CREA participates in large water-work infrastructure and refurbishment projects in Iraq and Philippines. Cluster CREA Hydro & Energy is a member of the NATUREEF European Strategic Cluster Partnership.

Products/Services

- Delivery of technological units for water, wastewater and waste treatment and pumping stations, water turbines, special services under water, technical studies, designs, installation, technical monitoring.

Cooperation opportunities

- Supply of technology and expertise;
- Research and innovations;
- Cluster partnership;
- International research.

Activities

- Working groups: - Measuring and safety of water works.
 - Sediments, Hydropower, Water Treatment.
- Territorial working groups: Southeast Asia, Middle East, Latin America.
- Research on measurable systems and technologies for water works.
- NCA – The project proposal in response to International Visegrad Fund call.
- Implementation of the project Go International under international cluster project COSME.



www.creacz.com, Contact: Břetislav Skácel, bret@creacz.com, +420 602 453 273, Traubova 1546/6, 602 00 Brno, Czech Republic

Czech Stone Cluster



The Czech Stone Cluster's mission is to support development, innovations and competitiveness of its members in the mining and mineral processing. Established in 2007 in the Hradec Králové Region, it provides a cooperation platform for 16 members engaged in mining, processing and final realization of natural stone, investigation of rocks, earths and construction materials, waste processing and industrial use of the overlying rock of coal mines.

Products/Services

- Mining, manufacturing and construction of natural stone (interiors and exteriors of buildings, gardens, rivers). Stone testing in the accredited laboratory.
- Consult service focuses on the entire set of issues related to both the building and decorative stones.
- Export and import of stones (building and decorative), gravel and stone products.

Cooperation opportunities

- Mining and treatment of natural stone and gravel.
- The innovations and introduction of new technologies in the field of mineral resources, such as the use of robotic workplace, including scanning, modelling and 3D printing.
- Development of technologies for the utilization of waste from the processing of raw materials and building industry.

Activities

- International cooperation in the field of new materials, research, technology and processing of mining waste.
- Testing, research and the use of rocks, earth and building materials.
- Finding unique natural materials in the Czech Republic, particularly mining of Belohradsky Sandstone (Lázně Bělohrad), which is unique in Europe.





CzechBio

CzechBio – Association of Czech Biotech Companies is a national platform for the biotech industry. It brings together 30 companies, 6 research institutes and the University of Chemical Technology in Prague.

Since 2008 CzechBio promotes cooperation between industry and academia in the field of science and research in the biotechnology sector, covers and represents the applied biotechnology and biomedical sector in negotiations with foreign partners, as well as representatives of the Government. The main objective is to accelerate, strengthen and further promote the business development of the biotech sector in the country.

Products/Services

- Support for cooperation of cluster members services in the field of technology transfer and preparation of research projects.
- networking and information sharing and training.
- Joint participation at international conferences and exhibitions (BIO Convention USA, China; Biomed and Medica).

Cooperation opportunities

- Joint participation and partnership in research and development.
- Transfer of technologies in the biotechnology sector.

Activities

- Promotion Association, its members and the biotechnology sector.
- Fostering the competitiveness of the association, its members and the region.
- Internationalization of the Association.
- Preparation and administration of grant projects.



www.czechbio.org, Contact: RNDr. Marek Moša, info@czechbio.org, +420 735 190 990, Vídeňská 1083, 14220 Praha 4, Czech Republic



The Czech & Moravian Glass Cluster

Branch association of Czech Art of Glass

The Czech Art of Glass - Czech and Moravian glass cluster is national platform of Czech glassmaking and jewellery industry, including companies, associations, schools and institutions factually related to the glass and jewellery sector of Czech Republic. Currently cluster has 18 full and 10 associate members. There are 3 main pillars of our activities and intentions: support for glass and jewellery industry in the areas of science & research, education and presentation and promotion.

Products/Services -III Pillars of C&M Glass Cluster

I. Science, research and innovation - Formulation and solution of central scientific & research themes and projects arising from the needs of cluster members. Identifying common interests of member organizations in matters of R&D. Consultancy in the field of glass technologies.

II. Glassmaking education - Solving the shortage of glassmakers, engineers and technically oriented specialists for glassmaking industry. Conceptual incorporation of science, research and innovation in glassmaking education.

III. Presentation and marketing of Czech glass -Support for collaboration, knowledge sharing and networking of cluster members. Promotion and popularization of glassmaking professions starting with national awards **Ars Vitrarum Bohemiae** for skilled and talented masters and artists given every year by Ministry of Culture, Trade and Industry and Foreign Affairs of Czech Republic.

Cooperation opportunities

Joint participation and partnership in R&D. Mutual (eg. medial) support of cluster organizations. Support for technical education.

Activities

Formulation of central R&D themes. Glass Days and national awards AV Bohemiae.



www.CzechArtOfGlass.com, Contact: Dalibor Šilhavý, silhavy@czechartofglass.com; +420 603 202 846, B. C. Klamovka, Plzeňská 155/113, 150 00 Praha 5, CZ

Energetic and Technical Innovation Cluster



Energetic and technical innovation cluster was established as a civil association by five founding members in December 2013. In 2014, it was transformed according to the new Czech Civil Code. At the beginning of 2015 it already included 15 members. The creation of sufficient wide quality member base covering most logically related areas, sharing of production and development potential among members, promotion of common interests and realisation of joint projects belong among the main objectives of the cluster.

Products/Services

Counseling center EKIS (Pardubice) was established in cooperation with the Ministry of Industry and Trade together with the EFEKT program which promotes energy saving and utilisation of renewable resources in the Czech Republic.

Cooperation opportunities

Consulting services in obtaining support for research, innovation and other activities for cluster members. Implementation of joint projects. Creating facilities for joint offer and promotion of services and products of cluster members. Development of cooperation of cluster members with research institutions. Sharing of knowledge and information within these areas.

Activities

Building a model of Smart Region in Pardubice region in cooperation with major technological industrial multinational corporations which have experience with Smart Cities projects. Such as ATOS (France), Siemens (Germany), Foxconn (Taiwan), Artechnic – Schröder (Belgium) or ČEZ and O2 IT Services (Czech Republic). University of Pardubice and relevant government organizations are also part of this initiative.



www.etikcz.cz, Contact: Ing. Petr Lukáš, petr.lukas@etikcz.cz, +420 721 060 101, Komenského náměstí 125, 530 09 Pardubice, Czech Republic

Energy-Water Innovation Cluster



Energy-Water Innovation Cluster (EWIC) was established in 2016 to focus on research and development in the field of energy and IT. In a short time, the cluster was able to associate more than twenty entities covering the business, research and educational spheres. Its vision is to educate the employees of the cluster and the staff of its members, coordinate innovative projects and provide legal protection for its members.

Products/Services

- Power industry, in particular the renewable energy sources, power consumption management, energy savings, energy decentralisation, ON/OFF Grids, Smart Grids, local distribution networks;
- Certification, analyses and audits for electricity and gas;
- ICT – instrumentation and control, smart networks and data transmissions, SW and HW solutions; Consultancy, education.

Cooperation opportunities

- Provision of advisory services to the cluster members and public;
- Research and development in the fields of energy (electricity industry, gas industry) and IT;
- Collaboration with research organisations in development and research

Activities

- Management and coordination of innovative projects;
- Organisation of seminars, conferences and trainings, such as GDPR, safety and health protection at work, electrical training according to the Decree 50/78 Coll., welding courses);
- Cooperation with educational and accredited institutions, such as the Czech Society for Quality;
- Seminars on the development of technical education for secondary schools and universities.



HK Metal Cluster

Cluster activities and goals focus on 5 priority areas:

- Education, development of human resources and professional growth of employees
- Promotion of engineering and technical fields to stop the outflow of workforce in this area. Focusing on industry 4.0
- Professional assistance in the field of research and development focused on engineering and welding
- Joint purchase of products and services
- Presentation and promotion of the cluster - marketing and PR for members

Products/Services

- All about welding
- All about cooperation with companies from Serbia

Cooperation opportunities

- Cooperation in metalworking
- Active assistance when entering the Serbian market

Activities

- Cooperation with Vojvodina Metal Cluster - Closed Memorandum of Cooperation, activities in the field of export/import with Serbia
- Collaboration with local primary and secondary schools to promote technical education.
- Education of employees and professional growth and development of member firms.
- Promotion of cluster members.



www.kovoklastr.cz, Contact: Ing. Milan Kasl, m.kasl@seznam.cz, +420 725 717 871, U Závor 590/5, Havířov, Czech Republic

HI-TECH INNOVATION CLUSTER

Hi-Tech Innovation Cluster

Established in 2013, Hi-Tech innovation cluster supports an improvement of the innovation potential and competitiveness of enterprises in the field of electrical and energy engineering, recycling of secondary raw materials, communication, high-speed networks and ICT.

The cluster actively cooperates with universities, secondary schools and technical and research institutions and currently associates 17 members.

Products/Services

- Electromobility, conversion of secondary raw materials into energy, usable materials and fuel sources, "green" energy incl. its transformation and accumulation.
- ICT/data and communication networks, web solutions (HW / SW).
- Advising, education.

Cooperation opportunities

- Development of projects and partnership for research and innovation.
- Cooperation based on the exchange of innovation know how.
- Participation on projects of education and increasing of quality management excellence.

Activities

- R & D projects – support and project management.
- Participation on Innovation projects.
- Support for Education and training.
- Events providing – conferences, meetings, trainings.
- Support and advisory for SMEs.



www.hticluster.eu, Contact: Bc. Vojtěch Tužil, DiS, tuzil@hticluster.eu, +420 777 333 394, Palackého třída 248, 530 02 Pardubice, Czech Republic

Industry cluster 4.0



INDUSTRY CLUSTER 4.0 is an important association of engineering and IT companies from the South Moravian Region, united to enhance their competitiveness and innovative activities, in particular through the implementation of the „Industry 4.0“ concept.

Our mission is contribution to the morphological change of the production processes of SMEs, to help increase their global competitiveness and increase the added value of their production through relevant technological innovations.

Products/Services

- Advisory in digitization and automation of manufacturing processes (Industry 4.0)
- Preparation of human resources in technical fields
- Improving the export capabilities of members

Cooperation opportunities

- Technological cooperation
- Research collaboration
- Business cooperation

Activities

- Technological audits for the implementation of Industry 4.0 elements
- Educational projects and programs (Academy 4.0)
- Conferences, seminars, workshops
- Business missions, trade fairs, B2B



www.ic40.cz, Contact: Ing. Radek Kopecký, info@ic40.cz, +420 532 194 922

IT Cluster



Headed by the VŠB-Technical University of Ostrava, Faculty of Electrical Engineering and Computer Science, the IT Cluster profiles the Moravian-Silesian Region as the resource of professionals and specialised workforce in software development and IT service management.

Established in 2006, IT Cluster associates 32 cluster members comprising both regional SMEs and representatives of the multinational branches.

Products/Services

- Wireless services for high-accuracy mobile call location – Intelligent Traffic Systems – Open Business Intelligence-based products – SOA and CAPI concept-based solutions.
- Human resource development, Innovative projects, Communication and marketing.

Cooperation opportunities

- Consulting services.
- Performing conferences and round tables focused to cluster topics, IT and similar branches.
- Research and development in IT.
- IT systems development and implementation.
- Creation of multimedia presentations.

Activities

- Cooperation with education partners (universities, high schools) – create prerequisites for future experts development – personal resources for IT.
- Supporting innovative processes, research and development.
- Support regional development and social programs.



Cluster of Czech Furniture Manufacturers

Incorporated as a cooperative in 2006, the Cluster of Czech Cabinet Makers associates 35 companies, 27 of which operate in the cabinet-making and interior design fields. The cluster membership includes other specialized consultancy and expert companies and the Mendel University of Agriculture and Forestry in Brno.

A strong player in internationalization: The Czech Industry Company Limited established in Hanoi, Vietnam (2015) with 100% Czech capital investment.

Products/Services

- Office furniture and interiors – Kitchens – Bedrooms – Upholstery and sitting furniture – Bathroom furniture and clayware – Metal furniture – Components for furniture-making industry.
- Mediation of furniture trading, R&D for the cabinet-making product innovation and furniture safety, including quality of life, Organizational and economic consultancy services.

Cooperation opportunities

- Cluster development expertise and trade.



www.furniturecluster.cz, Contact: Lucia Haraslinová, haraslinova@furniturecluster.cz, +420 774 113 529, Kozí 26/4, 602 00 Brno, Czech Republic

Cluster Mechatronics

Cluster Mechatronics was established in 2011 as a platform for interconnecting the business leaders with the public sector and especially with schools. The cluster brings together 17 organizations and its aim is the realization of the concept of technical, multilingual education and promoting the transfer of knowledge from universities to businesses.

Products/Services

- Interconnection of the secondary schools, companies and students.
- Digitization of commercial and production processes, digitalization of support for quality management, workflow technology use, eGov system – all within the Industry 4.0 initiative.

Cooperation opportunities

- International cooperation projects;
- Knowledge transfer;
- Industry 4.0;
- Technical education.

Activities

Cooperation in the field of biotechnology and nanotechnology in the food sector. Cooperation in research with research organizations - the type of research Institute and University.



www.klastrmechatronika.cz, Contact: Jiří Prantner, jiri@prantner.cz, +420 603 512 412, Nerudova 982/25, Jižní předměstí, 301 00 Plzeň, Czech Republic

Vysocina Precision Engineering Cluster



klastr přesného strojírenství Vysočina

- Vysočina Precision Engineering Cluster was established in 2007 to build a prestige modern production and development base for precision engineering and precision locksmithing, based on high-quality human resources and leading-edge technologies.
- Cluster gathers 23 companies and universities.

Products/Services

- Monitoring & targeting of manufacturing machines.
- Development of new manufacturing technologies, Research and development of stoves and renewable energy sources.
- R&D focused on the manufacturing technology for the production of a next generation roofing, Tool data management.

Cooperation opportunities

- Roofing system knowledge transfer.
- Commercialization.



www.kpsv.cz, Contact: Ing. Miroslav Kabelka, info@kpsv.cz, +420 725 893 120, Pražská 105, 676 02 Moravské Budějovice, Czech Republic

MedChemBio



klastr medicínální chemie a chemické biologie

The MedChemBio cluster associates 25 members specialized in medicinal chemistry and chemical biology cooperating in R&D using the GMP testing laboratory accredited by the State Institute for Drug Control.

Among the leading MedChemBio members, the Institute of Molecular and Translational Medicine of the Faculty of Medicine and Dentistry of the Palacký University in Olomouc is becoming a technical infrastructure for basic research of the molecular nature of tumorous and infectious diseases.

Products/Services

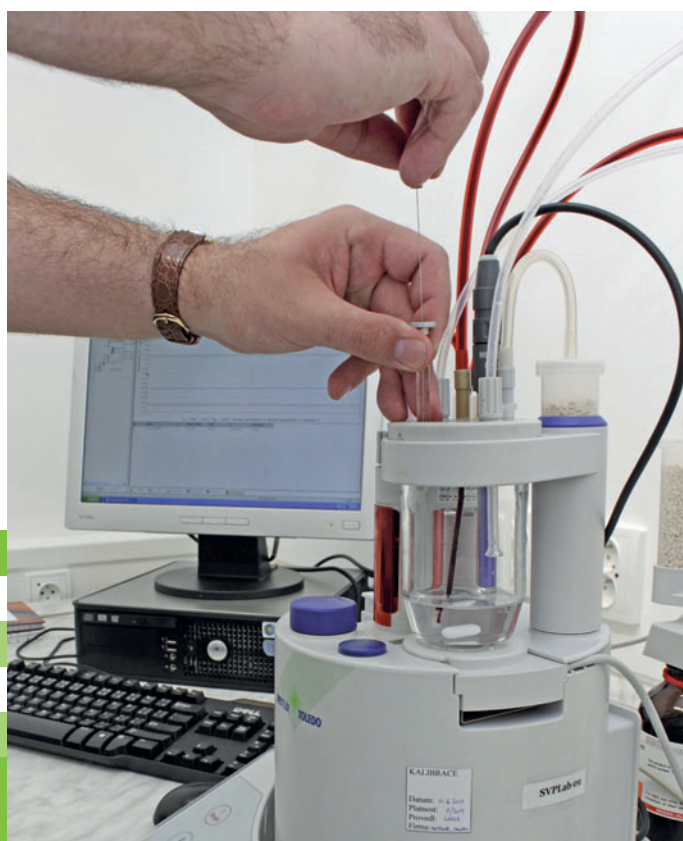
The MedChemBio Laboratory provides services in the area of quality inspection for medical preparations, active substances, raw materials and intermediate products. On a client's request, the MedChemBio Laboratory can also carry out research, development and validation of analytical methods. The existing equipment of the Laboratory enables us to carry out standard and special physical and chemical analysis jobs, such as liquid chromatography, liquid chromatography connected with a mass spectrometer, infrared spectroscopy, titration and a number of other analytical assessments. The MedChemBio Laboratory employs experts who have long-term experience with proper production practice in the pharmaceutical industry.

Cooperation opportunities

- International research.
- Development and innovation projects.

Activities

- Creation of a platform for an information exchange.
- Promotion of Medicinal Chemistry and Chemical Biology in society.
- The development of specific projects which are on the cusp between science and industry.



Moravian-Silesian Automotive Cluster

Our vision is to become an integrator of companies, educational and research institutions and other stakeholders, whose activities support the development of the automotive industry in the region.

Established in 2006, the Cluster actively provides sustainable development services for its 75 members and coordinates the innovative approaches in the development of human resources, trade relations and R&D activities.

Products/Services

- Noise testing – Pulsation system testing – Heating and cooling testing – Vibration testing – Patent summary finalizing – Technical solution providing via GoldFire software – Ergonomics measurements.

Cooperation opportunities

- Utilization of mentioned laboratories.
- Supply/demand matching.

Activities

- Joint purchasing.
- National and international projects.
- Developing of polytechnical skills in schools.
- Providing contacts to R&D organizations and potential investors.



www.autoklastr.cz, Contact: Ladislav Glogar, l.glogar@autoklastr.cz, +420 603 888 036, Studentská 6202/17, 708 00 Ostrava, Czech Republic

Moravian Aerospace Cluster

The Moravian Aircraft Cluster was established in 2010 as an association of aircraft companies having as a joint objective the development of competitive aircraft industry. The Cluster acts in the region of south-eastern Moravia and the center of its activities is located in Kunovice where its important member companies have their place of business, i.e. SM, Aircraft Industries and Evektor.

The Cluster consists of 14 industrial companies, professional high schools and technical universities.

Products/Services

- Advanced products and technologies for aerospace industry and GA.
- Comprehensive offer of research and development activities as well as production capabilities (airframe design, avionics, composite materials).
- Unique manufacturing and testing technologies.

Cooperation opportunities

- Development of projects and international partnerships.
- Manufacturing and technological cooperation.
- Consulting and qualifications in aerospace sector.

Activities

- Joint marketing and consultations in aviation.
- Emerging activities for universities and industry.
- Direct support of member companies.



www.aero-cluster.cz, Contact: Petr Tomášek, ptomasek@aero-cluster.cz, +420 736 652 292, Na Záhonech 1177, 686 04 Kunovice, Czech Republic

Cluster Nanoprogress focuses on research and development of functionalized nanofiber structures and its application to industry and medicine. We are involved in the European Strategic Cluster Partnership "AdPack" in new emerging industry and belong to the category of European excellent clusters under the European Initiative of Cluster Excellence. Within the joint research activities we developed sophisticated methodologies for functionalization of nanofiber structures, built new technological equipment for production of core-shell nanofibers and new equipment based on the worldwide unique AC electrospinning technology. Also the application potential of wide range of functionalized nanofiber structures to medicine and industry was determined. Within our member base we have representatives of three European countries and within our partners are leading cluster organizations and entities from eight world states.

Products/Services

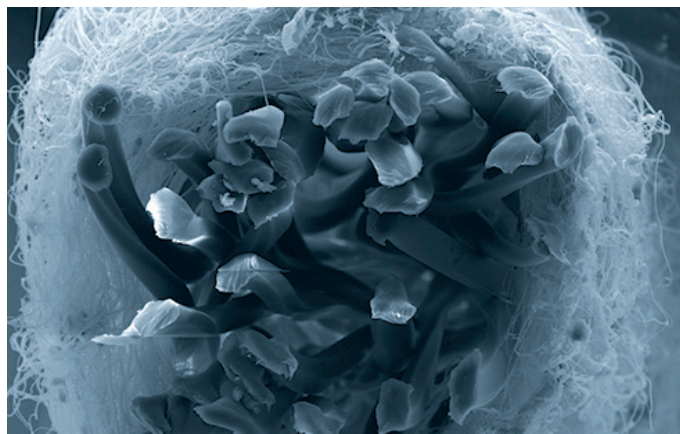
- Electrospinning devices for production of the functionalized nanofibrous materials.
- Functionalized nanofibrous structures.

Cooperation opportunities

- Basic research;
- Applied research;
- Clinical trials;
- Product development;
- Business and marketing.

Activities

- Internationalization;
- Cluster development;
- Research and Innovation;
- Cluster joint infrastructure development.



www.nanoprogress.eu, Contact: Ilona Horníková, info@nanoprogress.eu, +420 271 016 201, Nová 306 530 09 Pardubice, Czech Republic

Czech Machinery Cluster



The Czech Machinery Cluster is the registered association of more than 40 companies operating in the field of mechanical engineering. Since its establishment in 2003, it has been active also in the related industries, including service-providing companies and academic institutions. Its membership base employs more than 20 000 workers and achieves the annual revenue of 1, 75 billion EUR.

The manufacturing program of the member companies covers almost the entire engineering sector, from individual engineering products to the production and supply of the largest technological units. The cluster is also successful in the production of industrial pumps, all kinds of valves and various fittings.

Products/Services

The cluster focuses on supply chains creation, organizes purchase alliances and prepares educational and innovative projects for its members. It also organizes conferences, seminars and workshops for experts and the general public. Its member companies invest hundreds of thousands EUR a year to the development of technical education. They support students by scholarships and contribute to the promotion of technical disciplines at universities, operate technical colleges and organize various specialized events.

Cooperation opportunities

The cluster leaders, the companies of Vitkovice Machinery Group and Strojirny a stavby Trinec (The Trinec Engineering and Construction Company), significantly influence and support the activities of the cluster. The Vitkovice Machinery Group, which is led and owned by Jan Svetlík, the President of the cluster, forms the technological and commercial basis for the design and implementation of complex international projects, in which the other cluster members can also participate.





Network Security Monitoring Cluster (NSMC) is a center of excellence, a knowledge platform uniting 20 Czech companies and experts in the field of cybersecurity. It was founded in 2010 and consists of both companies from the private sector and academic institutions. We are also partnered with other associations and corporations focused on cybersecurity. Thanks to our excellent reputation, we have even found recognition among national institutions. We were allowed to participate in the formulation of the unique Act on Cyber Security and in its harmonization with EU regulations. The theoretical knowledge of the members of the cluster is supported by feedback from practice as well as our own know-how.

Products/Services

- Networking, PR for NSMC members.
- Training courses, seminars and conf., Analytical and advisory services.
- Project management. NSMC concept implementation at any org.
- Assessment of compliance an organization with cybersecurity act.
- Implementation of ISMS, BCMS, the act of Personal Data Protection, the act of the Protection of Classified Information, act of Public Administration Information Systems, act of Crisis Management.

Cooperation opportunities

- Cooperation on international projects.

Activities

- Collaboration with academia and secondary schools.
- Cybersecurity courses for management and IT staff.
- Cooperation with the NSA in the role of professional public representatives to amend the cybersecurity act.
- Organizing seminars, conferences and workshops in the field of cyber security.
- Providing solutions and services according to NSMC portfolio.

www.nsmcluster.com, Contact: Jiří Sedláček, director, jiri.sedlacek@nsmcluster.com, +420 549 49 2286, Botanická 554/68a, 602 00 Brno, Czech Republic



**Plastikářský
klaster**



Plastics Cluster

Plastics Cluster (PLASTR), established in 2006, aims to enhance conditions for development of the plastic processing industry in the Zlín region.

Products/Services

Currently, PLASTR represents 52 members. Our efforts focus on the promotion of the plastic processing industry by means of support of the innovative, entrepreneurial and educational activities of our members. PLASTR members are invited to use our services oriented to the provision of the technical background for the preparation of joint development projects and applied research in the field of plastics processing. In this area, we successfully cooperate with Tomas Bata University in Zlín and Central European Institute of Technology CEITEC in Brno. Cluster projects based on common purchase of energies, indirect or raw materials aim to increase the competitiveness of the cluster member companies by cutting costs.

Cooperation opportunities

- Provision of technical support for R&D on plastics.
- Development of human resources for cluster participants (e. g. training and education, recruitment, internship programme for university students in cluster members' companies).
- Support of regional technical education (cooperation with local secondary schools/ university).
- Promotion of the plastics sector (cooperation with regional authority).
- Enhancement of cooperation between academic and industrial sectors.
- Support of competitiveness and entrepreneurship of our members.
- Exchange of information and experiences, matchmaking, networking.

Cluster activities have been continuously financially supported by EU. Recently, we have successfully registered applications for 5 projects under OP Enterprise and Innovations for Competitiveness, call Cooperation – Clusters I.

Regional Food Cluster

Regional Food Cluster was founded in 2009 as an association to support innovation and marketing of local and regional companies in food industry. It focuses on activities to support science, research and innovation and the technology transfer.

Products/Services

- Arrangement of contacts between application sphere and research institutions
- Marketing studies and marketing consultancy

Cooperation opportunities

- Engagement in international cooperation in science, research and innovation
- Co-operation in food quality improvement
- Co-operation in increasing health beneficial effects of food products

Activities

- Research, development and innovation
- Preparing project applications
- Internationalising co-operation
- Training, marketing, promotion
- Support to rediscover and application of traditional recipes and formulas



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SAMBA (MBA Alumni Association)

SAMBA
SETKÁVÁNÍ ▲ INSPIRACE

SAMBA is a cluster formed by owners and managers of companies and organizations. The core is formed by institutions and organizations focusing on activities in the digitization of industry and related areas.

SAMBA brings together over thousand of members and supporters who regularly meet in professional and informal events e.g. focused workshops, expert conferences, educational seminars and relaxing events.

SAMBA originated in 2010 as an informal association of committed individuals and companies. Over the years, it has undergone gradual formalization and is currently organizing dozens of events of various formats per year.

Products/Services

KLAROP - Cluster of industry development (www.klarop.cz)

Cooperation opportunities

Cooperation in the field as digitization of business processes, software integration, virtual reality, training and education of human resources, sensory and process information, robotics and automation, data processing and visualization, application of machine learning tools and artificial intelligence.

Activities

- Conferences
- Matchmaking
- Excursion
- Exchange of experience



The Zlin Creativ Cluster

The Zlin Creative Cluster is the first cluster in the Czech Republic focusing on the culture and creative industry (CCI). The cluster comprises representatives of the public, private, non-profit and educational sector from the creative and related industries in the Zlín agglomeration.

The vision of the Zlin Creative Cluster is that the city of Zlín and the Zlín Region will be one of the most important centers of the creative industries of the Czech Republic in 2020, especially in the areas of design, audiovisual, marketing communications and architecture.

Products/Services

- Promoting members' cooperation, networking, cross-sectoral cooperation, joint promotion, education
- CCI education
- Internationalization
- Audiovisual and design developments
- Production of cultural events

Cooperation opportunities

- We tackle intersections between industrial and cultural and creative disciplines, new and classical media, design, audiovisual, culture in public space, strategies of cultural and creative industries not only in public administration

Activity

- Transfer of best practice from abroad (Belgium, the Netherlands, Denmark, Poland, Hungary, Slovakia)
- Realization - Gallery and museum night in the exteriors
- Supporting innovative members' projects
- Professional workshops



www.kreativnizlin.cz, Contact: Petr Dubovský, petr.dubovsky@kreativnizlin.cz, 604 913 367

The Regional Development Agency of South Bohemia

Since 1999 the Agency has been supporting and coordinating economic, social and cultural development of the South Bohemian Region. It acts as the regional center for international cooperation with specialized services to local and regional governments, non-profit organizations and entrepreneurial sector. The prevailing processing industries in the region, such as food or forest industry are organized in cluster organizations.

Products/Services

- Searching for suitable funding schemes.
- Preparation of application documents and materials.
- Project management.
- Participation in international projects.
- Promotion and publishing services.
- Creation of strategic development documents.

Cooperation opportunities

- International cooperation in the field of regional development.

Activities

- Projects aimed on education improvements.
- Municipal development projects.
- Entrepreneurship support.
- Project aimed on development of culture and tourism.
- Cooperation on municipal and regional strategic documents.

Interaktivní výstava
ACCELERATING SCIENCE
„k jádru vědy“
21.9.2016 - 10.1.2017
pavilon B4 Výstaviště ČB

OD 26. DUBNA DO 3. LISTOPADU 2013
DAVNĚNOVÉ STOPY CESTY
ZEMSKÁ VÝSTAVA
JIŽNÍ ČECHY
& HORNÍ RAKOUSKO

ČESKÝ KRUMLOV //
VYŠŠÍ BROD //
BAD LEONFELDEN //
FREISTADT //

www.zemskavystava.cz

Regional Development Agency of Usti Region, Plc.

Over 22 years, the RDA of Usti Region contributes to the economic and social development of the Region with its services and activities including the regional development strategies, concepts and analyses, the Region's promotion & marketing, foreign direct investment attraction and business development support. The regional strengths lie in chemistry, petrochemical and automotive industries, glass and glass product manufacturing.

Products/Services

- Information services and counselling to public, business and non-profit organizations.
- Availability of industrial zones and technology parks for new investors.

Cooperation opportunities

- Participation in international projects on cluster cooperation and knowledge transfer.
- Partnerships for the regional business and innovation improvement.

Activities

- Partnership in the international project RATIO (aimed at helping rural SMEs through identification and utilization of their innovation potential; Interreg Europe, 2016–2019).
- Partnership in V4 project SMILE (implementation of PCP and PPI to the current practice of public administration in Visegrad Countries; International Visegrad Fund, 2016).
- Lead partner to the international project Clusters Cord (project of European cooperation in the field of clusters regional development supported through the OP Central Europe, 2010–2013).
- Cooperation in the creation and implementation of the system of Innovation Voucher of Usti Region (2015, 2016).



WWW.RRA.CZ, Contact: Mgr. Jan Kučera, kucera@rra.cz, +420 417 633 240 Velká Hradební 3118/48, 400 02 Ústí nad Labem, Czech Republic

Technology Centre of the Academy of Sciences

The Technology Centre of the CAS (TC) was founded in 1994 as a non-profit special interest association of the institutes of the Czech Academy of Sciences. In the 20+ years of its existence the TC has become an important national institution for research and innovation infrastructure.

Products/Services

- Support of the participation of Czech Republic in the European Research Area.
- Preparation of analytical and conceptual studies in research, development and Innovation, using the services of NCPs.
- Advice and support the development of innovative companies and international assistance in the transfer of innovative technologies.

Cooperation opportunities

- Get help when entering foreign markets.
- Visit the international conferences, B2B meetings, technological mission.
- Get counselling for companies and academic organizations to protect and commercialize innovation and intellectual property.

Activities

- Organizing international business meetings and seminars, providing consultancy, implementation of technological expertise, analysis of firms' innovation potential.
- Conclusion of agreements on international technological, research and business cooperation.
- Participation in international missions and technological cooperation exchanges.
- Development of technical studies and analysis for government and research organizations, writing articles published in professional journals.
- Support the protection and use of intellectual property.



Tomas Bata University in Zlín Faculty of Management and Economics

The FaME provides 2,700 students with Bachelor's, Master's and Doctoral degree programs in economics and management, finance and accounting, marketing, business administration, industrial engineering, regional development, design management and management for health care.

Its Centre of Applied Economic Research is an ambitious initiative focused on science and R&D in performance measurement and evaluation of enterprises, public sector institutions, clusters and regions.

Products/Services

- Educational programmes in economics and management, finance and accounting, marketing, business administration, industrial engineering, regional development, design management and management for health care.
- Scientific activities in the field of economic performance of companies/clusters/regions, issues related to the cost behaviour in manufacturing and healthcare organizations, industrial engineering, knowledge management, creation of shared value.
- Certified Methodologies for National and Regional Cluster Policies.

Cooperation opportunities

- Wide range of degree programmes accredited in Czech/English for Czech and foreign students in Bachelor, Master and Doctoral degree programs.
- Educational and scientific projects.
- Conferences and workshops.



www.fame.utb.cz, Contact: doc. Ing. Adriana Knápková, Ph.D. knapkova@fame.utb.cz, +420 576 032 216, Náměstí T. G. Masaryka 5555, 760 01 Zlín, CZ



Vědeckotechnický park

Univerzita Palackého
v Olomouci

Science and Technology Park of Palacký University in Olomouc

STP PU constitutes connection between companies and Palacký University in Olomouc. STP transfers outcomes of research & development to practice and for real usage. Companies can inquire research, measurements or analysis which are processed by excellent scientific teams utilizing unique hi-end instrumentation.

Products/Services

STP PU collects technologies developed at Palacký University in Olomouc and offers them to the utilization in practice. Besides technologies, STP PU manage all patent portfolio of Palacký University. Except custom research helps STP PU with preparation of common projects focused on technology transfer. STP PU represents therefore contact point for companies who are interested in collaboration with Palacký University in Olomouc.

Cooperation opportunities

The main fields of collaboration are pharmacy, medicine, chemistry, nanotechnology, biotechnology, agricultural research and optics. Besides the mentioned offers STP PU industrial 3D print (metal, plastic, paper, scan) and rent of computing server designed for numerical simulations (ANSYS).



BizGarden Ltd. is a private non-profit company which provides consulting support for companies, R&D and innovation project management and technology transfer support.

BizGarden implements own business model research and development projects in space and mobile technologies and mobile services. BizGarden supports young start-up companies. BizGarden is founding member of the co-working centre KoPlac (www.koplac.cz) in Brno.

Products/Services

- Development of business models, development support with use of subsidies and unconventional financing tools (crowdfunding, equity crowdfunding, etc.).
- Project management and international networking.

Cooperation opportunities

- Coordination and partnership of national and international R&D projects.
- Consulting in European Space Agency cooperation and projects.
- Consulting in H2020 proposal and project development in all domains with specialisation on "SME Instrument" and "Space" programmes.

Activities

- Support of Startupweekend events in CZ (Co-organiser of Startupweekend Brno 2015 & 2016).
- Own project development in European Space Agency under Integrated Application Promotion programme (ARTES 20).
- Support of Smart Cities and Smart Village-Countryside concepts and consulting.
- Development of own spin-off startups.



www.bizgarden.cz, Contact: Luděk Kühr, l.kuhr@bizgarden.cz, +420 605 822 228, Příkop 2A, 602 00 Brno, Czech Republic

PRODO-SERVIS, s.r.o.



Consultation and advisory services in:

- Mapping and analysis of natural clusters including feasibility studies;
- Facilitation, establishment and development of cluster organizations;
- Consultancy in grant funding and project management for cluster organizations, municipalities and businesses;
- Promotion of NGOs and social enterprises.



WHY TO BE THE MEMBER OF THE NCA?

BE IN

projects, policies, funding resources, training programmes, new trends

LEARN FROM OTHERS

open membership base and conditions for experience sharing and practical solutions

MAKE USE OF THE COOPERATION SYNERGIES

networking, communication and international relationships

BE VISIBLE AND EXPAND

membership in European platforms, international business promotion

THE MEMBERSHIP OF NCA IN OTHER ORGANISATIONS

Association of Small and Medium-Sized Enterprises and Crafts CZ

www.amsp.cz

Association of Nongovernmental Nonprofit Organizations ANNO

www.asociacenno.cz

The Competitiveness Institute

www.tci-network.org

The European Cluster Collaboration Platform

www.clustercollaboration.eu

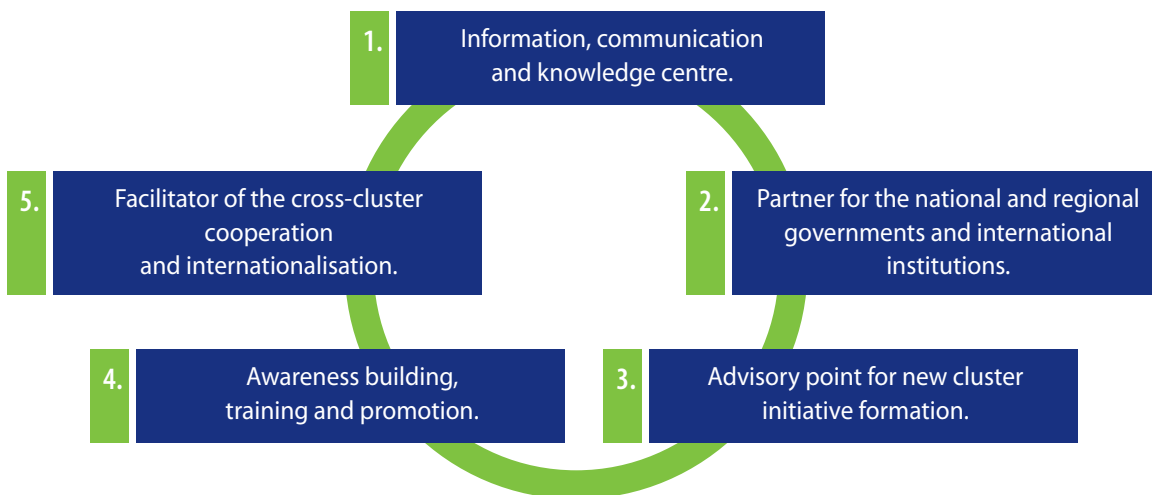
NATIONAL CLUSTER ASSOCIATION (NCA)

brings together organizations and individuals with the purpose to coordinate the sustainable development of cluster initiatives and to develop cluster policy in the Czech Republic on the basis of concentration of knowledge, experience and expertise to strengthen the competitiveness of the CR.

MISSION NCA

The National Cluster Association exists to create a competent and long-term platform for the development of cluster organisations in the Czech Republic and an active interface for their internationalization.

THE ROLES AND ACTIVITIES OF THE NCA





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