

ASSOCIATION OF RESEARCH ORGANISATIONS (AVO)



PROFILE

AVO was established in 1993. AVO's mission is to utilise the research results and use the full potential of applied research to support the competitiveness of the Czech Republic as a country.

AVO is the only organization in the Czech Republic representing applied research.

Its strategic goal is to support the cooperation and communication among business organisations, primarily SMEs and research organisations. It also aims to provide advisory services to both the public and private sectors focused on strategic management, business development, marketing and project management and transfer of technologies.

AVO IS READY TO PARTICIPATE!

PLEASE GET IN TOUCH - marie@quentinn.eu

QUALITY | ENTERPRISE | INNOVATIONS

AVO.cz
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AVO COOPERATES WITH



Committee of the Czech Government | Ministry of Industry and Trade | Ministry of Agriculture
Council of the Confederation of Industry of the Czech Republic | J. Czech Academy of
Agriculture Sciences | Technology Agency of the Czech Republic | European Technology
Platform for Sustainable Chemistry | European Technology Platform | Manufuture | European
Steel Technology Platform | ESTEP | Plants for the Futures | Advisory Council for Aviation
Research and Innovation in Europe | ACARE

AVO IS INVOLVED



AVO MEMBERS PARTICIPATE



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2017



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AVO PARTICIPATION

AVO also acts as an independent expert organisation providing consultancy in the area of innovation management, R&D management, and evaluation. AVO cooperates closely with the Section of Deputy Prime Minister for the Science, Research, and Innovation (J. Domkarova, Ph.D. represents AVO in the Research, Development, and Innovations Committee of the Czech Government, with Ministry of Industry and Trade and Ministry



of Agriculture. V. Neumajer represents AVO in the Council of the Confederation of Industry of the Czech Republic; J. Nedelnik, Ph.D. represents AVO as a President of the Czech Academy of Agriculture Sciences. Experts from AVO contribute to the evaluation procedure in the Technology Agency of the Czech Republic.

www.avo.cz

AVO EXPERTISE

As AVO represents the Czech research capacities and currently involves about 80 institutions and 8000 experts involved in R&D. These are based mainly in Engineering, Heavy Industry, Agriculture, IT development, Life Sciences, Chemistry, Social Sciences, and Health Care. AVO members are experienced in transnational projects implementation, e.g. H2020, INTERREG and EURECA programmes and projects financed by ERDF and ESF in the period 2004–2006, 2007–2013 and 2014–2020.

AVO can provide a great variety of expert services connected with research and development, advisory and consultancy. AVO members excel in business development, technology transfer, and the application of new technologies. AVO experts provide advisory services about new breed varieties, railway and building technologies, metallurgy or original software solutions, cybersecurity, microelectronic systems, and nuclear energy. The individual areas are briefly described in the following text.

SME'S SUPPORT AND DEVELOPMENT

Following its core focus, the Association of Research Organisations supports applied research, development, and innovations. It also supports the application of R&D results towards praxis and is building bridges between research organisations and businesses, primarily SMEs. AVO provides expert advisory in the evaluation, management and the operative procedure of joint research and development projects. In addition to this it also provides technological transfer. AVO also provide networking with international organisations and European platforms such as ACARE, SUSCHEM, ECTP, ESTEP or Plants for Futures.



Agriculture Research, Ltd. participates as an expert organisation and local support group in the INTERREG EUROPE SKILLS+ project that is focused on SMEs. This research organisation managed several projects focused primarily on innovation management and technological transfer systems (www.inovacezvt.cz, www.bioenergetikazvt.cz). Agriculture Research, Ltd is involved in Marie Skłodowska-Curies Acron.

BIC Brno is a business and innovation centre, operating in the field of innovation for more than 20 years and partner of EcoInn INTERREG Danube project.

INOTEX Ltd., represents a small private innovative company specialised in the wet processing of textiles, and (multi) functional textile developments by utilisation of new methods. INOTEX Ltd. is a partner of INTERREG EUROPE RESERT project and was involved in FP6 project 2BFUNTEX, or FLARETEX Cost Project.

Comtes FHT, a.s. offers comprehensive and flexible services which will support our clients in fully utilising their potential and becoming more creative, inventive, enterprising, and responsible. Comtes FHT provide services to ŠKODA auto, DOOSAN, Honeywell, and many others.

TRANSPORT



AVO member - **OLTIS GROUP** has been providing new IT technologies for transport and logistics since 1993. OLTIS GROUP has been involved in CAPACITY4RAIL funded by 7th Framework Programme and also in several EURECA projects f.e. EIMIS – „European Inter-Modal Information System, E16725 REAL-Bridge etc.



RENEWABLE RESOURCES

Several AVO members are participating in R&D projects in the area of biogas, composting or biomas production.

Agriculture Research, Ltd. is currently dealing with projects focusing on new innovative composting technology, ultrasound biogas intensification, and the development of a small scale dry biogas unit.



Agritec Plant Research, Ltd. is primarily oriented on hemp and legumes, this research organisation participated in several FP6 and FP7 projects – MULTIHEMP, LEGATO, GL-TTP.



IT EXPERTISE

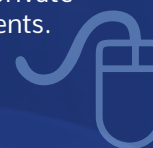
Among the AVO members, there are several IT companies with vast experience in hardware and software development, IT services provision, mobile applications, and security systems. Production is focused both on the private and public sectors. AVO experts can provide innovative project solutions on an international level and are involved in the 3D reality project with a big international mobile operator.



B & M InterNets, Ltd, is a company with core activities. They are devoted to the development of software applications, system integration and other IT activities, with the focus on R&D of specialised applications and software tailored to the client's needs and requests in the long-term period (R&D of SW of facial recognition camera).

EuroGV s.r.o., is a company working on integration of GIS, BIM, 3D applications, analysis of geodetic, photogrammetric, and scanning technologies, development of methodology, tools and systems for facility management, indoor navigation, energy industry, radiopharmaceuticals, archaeology, health service, police, army, and risk management. They have considerable experience in software development, which completes and extends their operated GIS, BIM, 3D applications.

OKsystem s.r.o., is a Czech software company which has been operating on the IT market since 1990. With a wide variety of expertise, knowledge and experience, it focuses on advanced custom software development for both the private and public sectors, and is able to cover different business requirements. (Customs software development: NET, Java, PHP, mobile application development: iOS, Android).



ENVIRONMENT AND LANDSCAPE PROTECTION



AVO members are currently working on various projects connected with the industrial production and impacts of mining and industrial activities in landscape, landscape remediation, air pollution, water management and the resocialisation of the affected areas.



VÚTS, a.s., focuses on the application of potentially cutting-edge technology and instrumentation to increase the performance and production parameters of machines and devices, to improve their reliability and their ecological and ergonomic aspects.

Agriculture Research, Ltd. is solving the actual problem of soil erosion, soil drying, breeding new plants and providing new agro technologies. Agriculture Research participates in the H2020 project - EUCLEG, INTERREG EUROPE project – SKILLS+ and also various ERDF projects.

Comtes FHT, a.s. is working on research and development projects to enhance the utility value of materials, develop and optimise the manufacturing processes, and innovate the design of tools and products. Comtes FHT, a.s. participates in the H2020 project – FLEXTURBINE, and projects financed by Research Fund for Coal & Steel or EUREKA and various ERDF projects.

Brown Coal Research Institute a.s. is investing in open pit coal mining, the conceptual design of remediated landscapes, improvement of mining technologies, design and construction of small technologies for the reduction of dust emissions in mining activities, and energy savings. Brown Coal Research Institute a.s., cooperates on the research projects supported by the European Coal and Steel Research Fund.

AVO is ready to participate in your project proposal!

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