BEIA Consult International is an R&D performing SME, founded in 1991, and it is one of the leading providers of ICT solutions and services in Romania for cloud communications and IoT telemetry. The company’s references include over 5,000 turn-key projects for advanced IT and communications solutions. BEIA is certified ISO 9001, 14001, 18001 and 27001.

We are active in the following areas: service innovation, hardware, sensors, actuators, information technologies, data storage and processing (back end), interfaces, software (front end), integration, communication technologies (speech processing, chatbots, ASR/TTS, NLP/NLU, AI)/tele-systems, learning & training, standardization, communication/dissemination/marketing, business development, project management.

BEIA is involved, as co-ordinator or partner, in numerous R&D projects regarding different development areas such as Smart City, Cyber Security, Smart Agriculture, Contact Centers, Health, and Digital Interactions.
R&D PROJECTS

Security

- SAFEguard of Critical health infrastructure
- Personal data protection framework for IoT interoperability
- SealedGRID

IoT / AI

- MULTAI
- ACCELERATE
- OPTIMUM
- Arrowhead Tools
- HUBCAP
- PowerSME
- TransS4MErs

Smart City

- CITISIM
- Smart City 3D Simulation and Monitoring Platform
- SaaS service to stakeholders in the forestry domain
- European investment for Digitalisation and Automation Leadership
- Advanced manufacturing assistance and training for SME transformation

Smart Space

- Smart Spaces Safety and Security for All Cities
- Vertical Innovations in Transport and Logistics over 5G experimentation facilities
- Sustainable Smart Solutions for Ageing well
- Vertical Innovations in Transport
- Mobile System for Tele-Monitoring Air Quality
- Vertical Innovations in Transport And Logistics over 5G

Smart Water

- SARWS – Real-time location-aware road weather services composed of multi-modal data
- Hybrid VLC/IR-RF Communication for Smart Space Based on Multi-Functional Thermal Image Sensor Module
- ADRIATIC: cooperation underwater for efficient operations vehicles
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Smart Health

- PIMEO-AI: Pollution Identification, Mapping, and Ecosystem Observation with AI-powered water quality USV
- Virtualized Video Services
- Intelligent PREdictive Maintenance for Aquaculture Systems
- Enabling Smart Livestock Farming Technologies for Environmental Sustainability using Blockchain

Smart Agriculture

- SOLUTION-FARMING
- BLUE-GREENWAY—Innovative solutions for improving the environmental status of eutrophic and anoxic coastal ecosystems
- Smart Agriculture Solutions for GHGs emissions mitigation for the mixed farming systems across different European climates (ERA-Net ICT-AGRI)

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