



EDF – European Defence Fund – 2026

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BEIA – Company Description



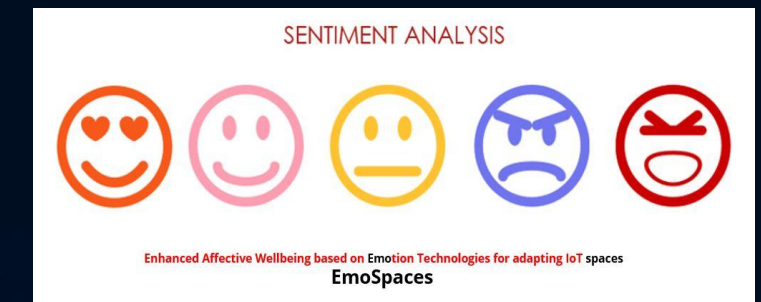
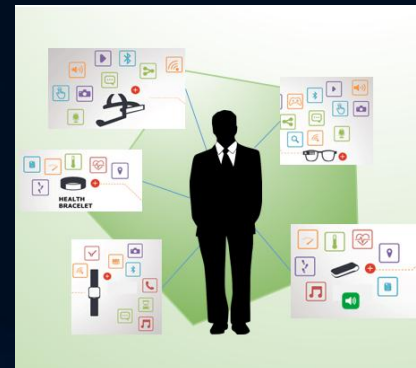
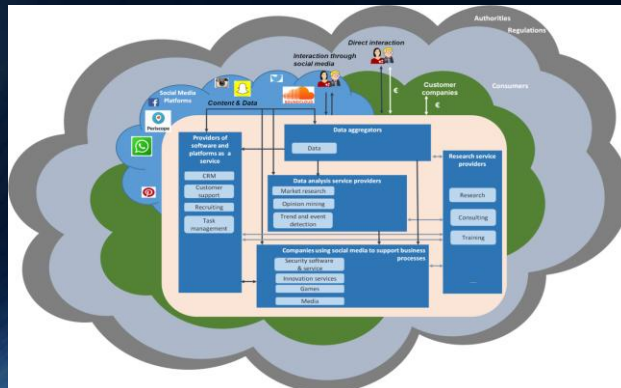
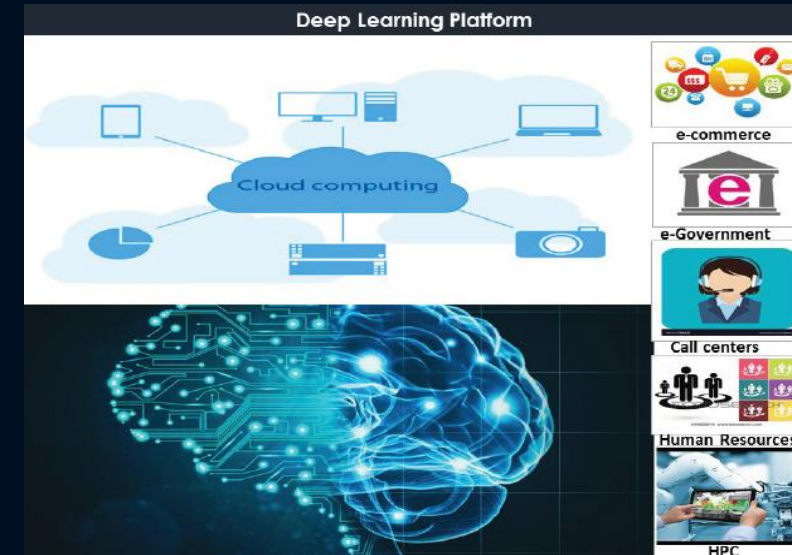
- BEIA (SME) founded in **1991**
- Offices in: **Austria, Belgium, Romania** www.beia.eu
- One of the leading providers of ICT solutions and services in Balkan/Danube for cloud communications and IoT telemetry
 - customers such as LEA (Ministry of Interior, Ministry of Defense, especially navy & coast guard), first responders, critical infrastructure operators.
- Team of **90 professionals** in over **100 R&D and Innovation** projects in various programmes (Eureka, ITEA, Celtic, Eurostars, ERA-Net, Horizon/Digital-Europe, CEF, EDF, LIFE, ESA/ROSA, etc.)



Reference Research Projects

Natural Language Processing

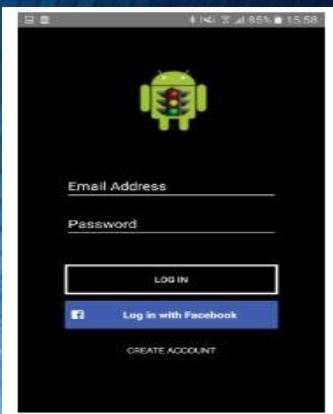
- TELE-CONTACT, 5C, Comm-Center, Speech2Process, PAPUD, PARFAIT, ENRICH4ALL, EmoSpaces, etc.
- communication technologies integration (software/hardware) using 5G/6G/satellite
- language processing (speech processing, chatbots, ASR/TTS, NLP/NLU, AI, sentiment analysis, emotional computing, contact centers, tele-systems, language dataspaces)
- E-health tele-monitoring and health dataspaces



Reference Research Projects

Intelligent Transport R&D Projects

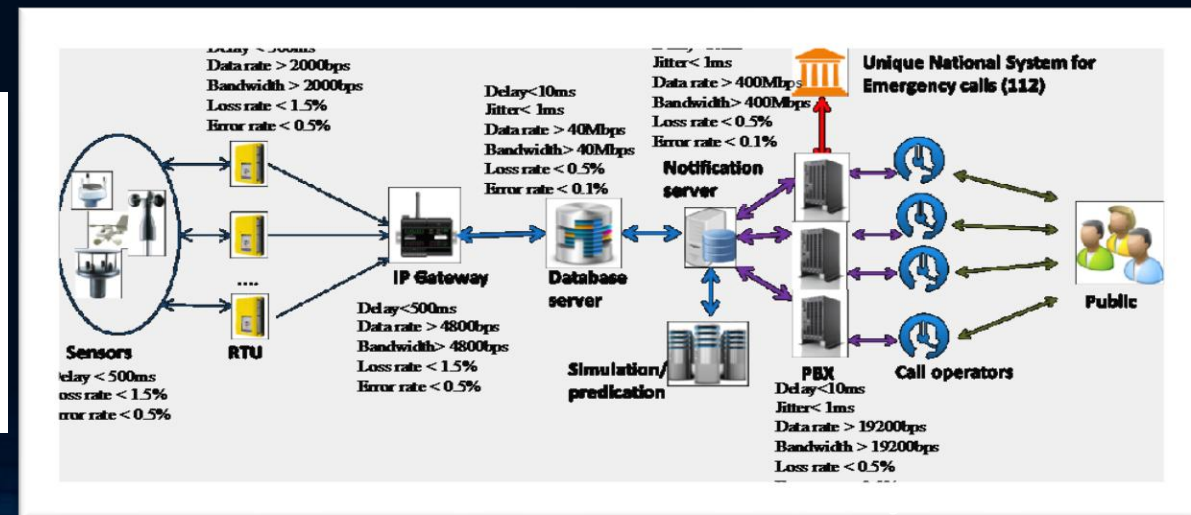
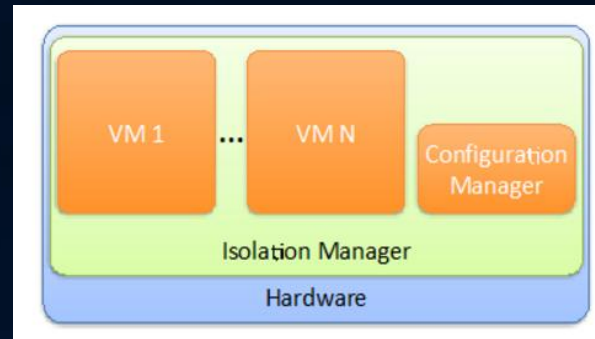
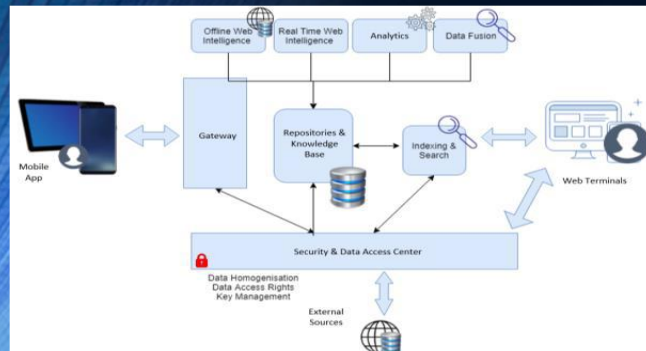
- **SARWS, 5G SAFE-PLUS, MOBIWAY, FOR-FREIGHT, EvoRoads**
 - Solutions and intelligent management systems for traffic enhancement
 - Communication satellites and hybrid networks
 - Weather monitoring and air quality evaluation
 - Multi-modal transport optimization and carbon footprint



Reference Research Projects

Cyber-physical SECURITY

- SAFECARE, SealedGRID, PARFAIT, S4AllCities, ODSI, SWITCH, FLEXI-CROSS, RITHMS, ECYBRIDGE (DIGITAL-ECCC dual-use) etc.
- Solutions and cyber-physical security systems for critical infrastructure, hospitals, energy grid systems, IoT systems and personal data (including **quantum security for IoT / blockchain**).



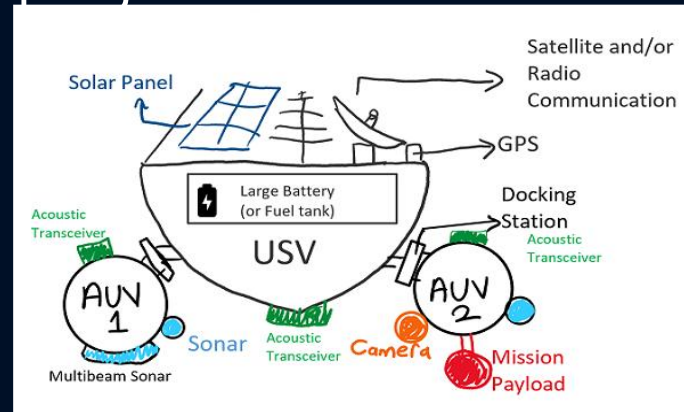
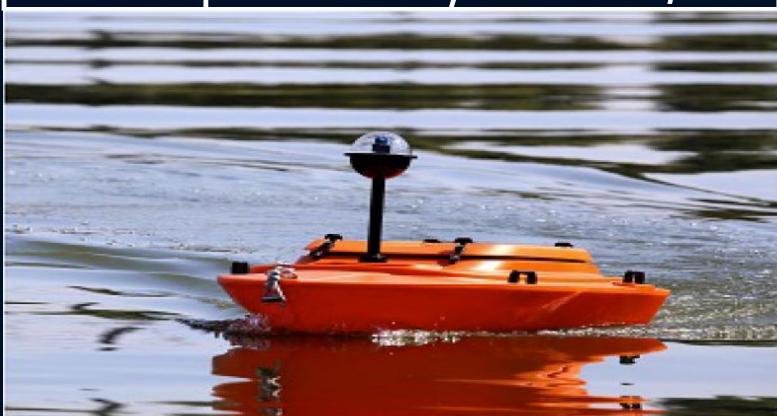
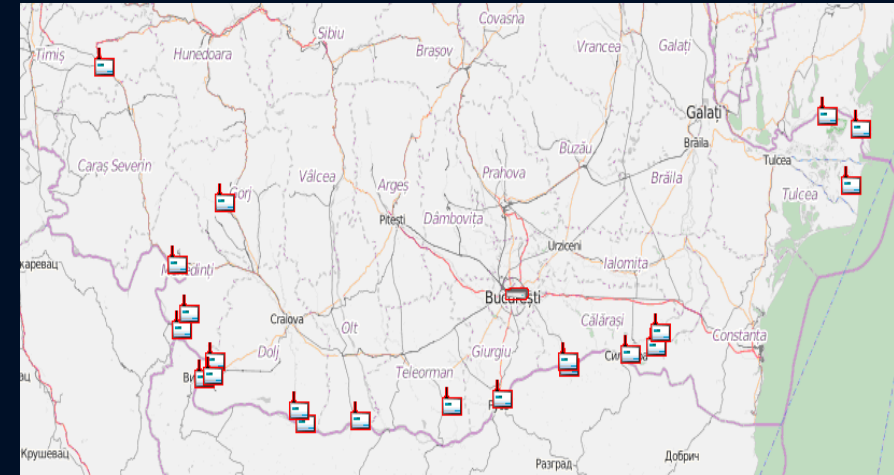
Reference Research Projects



Drones for environmental telemetry

SWAM, Water-M, ASUA, PIMEO AI, ADRIATIC, UFO ALMA, VITAL-5G, SeaGuard, PASITHEA (EDF)

Integrated telemetry solutions for air/water monitoring (including microbes such as e-coli bacterium), velocity, level, etc. using ground telemetry, EO and drones (UAV/USV), electronic/acoustic warfare, UXO, MCM, special operations, harbor / shipping defense



Main topics of interest 2025



- **RA-SGA-MCBRN-MCM-STEP: Defence medical countermeasures alliance – Research actions**
- **DA-SGA-MCBRN-MCM-STEP: Defence medical countermeasures alliance – Development actions**
- **RA-MCBRN-DST: CBRN decontamination systems and technologies**
- **RA-SENS-MSDT-STEP: Multidomain sensors demonstrator and test**
- **DA-SENS-CEW-STEP: Enhanced cognitive EW system with intelligent RESM CESM signal analysis**
- **RA-CYBER-QSTN-STEP: Quantum secured tactical networks**
- **DA-SPACE-PRS-STEP: Integration of Galileo PRS receivers on weapon systems and NAVWAR operational centres in military C2**
- **LS-RA-CHALLENGE-DIGIT-AISAP-STEP: AI-based tactical situational awareness using swarms of small robots and drones – participation in a technological challenge**
- **LS-RA-CHALLENGE-DIGIT-AISAO: AI-based tactical situational awareness using swarms of small robots and drones – organisation of a technological challenge**
- **DA-DIGIT-MDOC-STEP: Military multi-domain operations cloud services**
- **LS-RA-SI-ENERENV-NTFE: New turbofan engine**
- **DA-ENERENV-HPES-STEP: High-performance energy systems**
- **DA-ENERENV-AWC-STEP: Ammunition Waste Collection and Disposal Unmanned Platform**
- **DA-MATCOMP-SMT-STEP: Smart and multifunctional textiles**
- **RA-AIR-A4R: Autonomous and automatic air-to-air refuelling**
- **DA-AIR-SPS: Self-protection systems**
- **DA-AIR-STFS: Smart technologies for next generation fighter systems**
- **RA-EUCI-DS-AIRDEF-CHGV: Countering hypersonic glide vehicles**
- **DA-AIRDEF-EATMI: High-end endo-atmospheric interception**
- **DA-GROUND-MRL: Multiple rocket launcher**
- **DA-GROUND-MBT: Future main battle tank platform systems**
- **RA-PROTMOB-FMLA: Future multirole light aircraft**
- **DA-PROTMOB-DMM: Secure digital military mobility system**
- **DA-NAVAL-EMSAS: Enhanced medium-size semi-autonomous surface vessels**
- **RA-UWW-FUWN: Development and validation of models predicting flow-related underwater noise**
- **LS-RA-SI-UWW-CSBI-STEP: Layered critical seabed infrastructure protection**
- **RA-SIMTRAIN-MSAI-STEP: Modelling & simulation supported AI framework for military decision-making and training**
- **LS-DA-DIS-OTHR-STEP: New abilities in over-the-horizon sensing**



Thank you for your attention!

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