



İSTANBUL PROJECT ACADEMY



MARMARA ÜNİVERSİTESİ
İNNOVASYON VE TEKNOLOJİ
TRANSFER UYGULAMA VE
ARAŞTIRMA MERKEZİ





Horizon Europe Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment Brokerage Event





Project Idea / Field of Expertise

Organisation Name:

Addressed Topic(s) & Call(s):



TECH SME FROM GERMANY

Nuromedia GMBH

- Biodiversity and ecosystem services
- Fair, healthy and environment-friendly food systems from primary production to consumption
- Circular economy and bioeconomy sectors
- Clean environment and zero pollution
- Land, ocean and water for climate action
- Resilient, inclusive, healthy and green rural, coastal and urban communities
- Innovative governance, environmental observations and digital solutions in support

Nuromedia GmbH

- Software engineering & multimedia company
- More than 15 years of experience in national and international research & innovation projects
- <https://www.nuromedia.com/research-innovation>

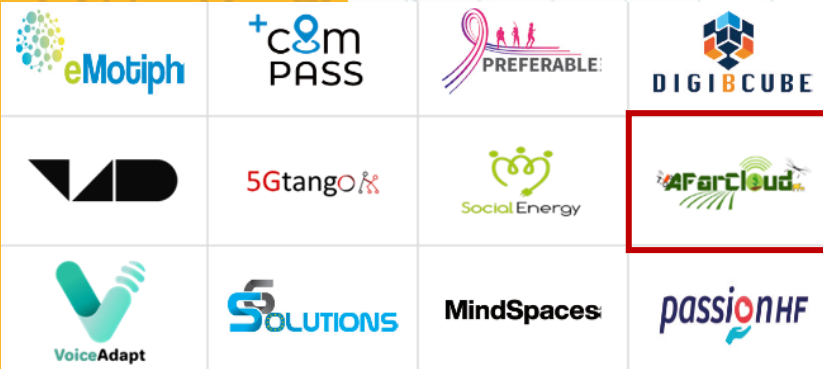


INDUSTRY FOCUS

- Health
- Energy
- Telecommunication
- E-Learning
- Education
- Industry 4.0
- Automotive
- PropTech
- Farming
- Insurance

PROJECT FOCUS

- Extended Realities Design & Development VR / AR / MR, Metaverse
- Education Technology, Learning, Teaching & Training
- Digital Health, Personalised Medicine, Health Care & Lifestyle
- Assisted Living, Therapies & Situational Awareness
- Gaming and Gamification Technologies & Methodologies
- Smart Solutions for Buildings, Cities, Construction, Farming
- Green IT for Industry, Mobility, Energy & Society
- Software Development for ICT, Future Internet & 5G
- Digital Transition with Digital Twin & Human Machine Interaction
- Artificial Intelligence, Machine & Deep Learning
- Cloud Computing, Big Data Stores & Databases
- Security by Design with Architecture, Blockchain & Encryption
- Avatar Technologies, Multi-Modal Interfaces & Interactive Technologies



- **AFarCloud** provided a framework able to promote precision farming solutions
- The AFarCloud project made farming robots accessible to more users by:
 - Enabling farming robots to work in a cooperative mesh, thus opening up new applications and ensuring re-usability
 - Increasing the autonomy of farming robots and improving their usability

Our expertise: What we can offer

- **Plant growth parameters:** *Installation of sensors for accurate monitoring the plant growth parameters. Aggregation and data collection of these parameters for further analysis using expert systems based on ML models.*
- **AI for identification of diseases evolution in the plants.** *We can use vision analysis technologies for providing information about the health of the plant and the evolution of diseases.*
- *We can implement a **dashboard – UI** where the scientists can view the results of the trials and use business analytics tools for extracting useful recommendations for decision making.*



Contact details



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THANK YOU...



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