Service ID S00231

Location Italy

Test and development of innovative and practical agri-food applications

Provider service

Università degli Studi di Napoli Federico II

Link to content

https://www.agrifoodtef.eu/services/test-and-development-innovative-and-practical-agri-food-applications-metaverse

Type of Sector

Arable farming, Food processing, Greenhouse, Horticulture, Livestock farming

Accepted type of products

Data, Design / Documentation, Software or AI model

Type of service

AI model training, Collection of test data, Data analysis, Data augmentation, Performance evaluation, Test execution

Description

The service enables agri-food industry stakeholders to harness the power of the metaverse to innovate, collaborate, and solve challenges in new and exciting ways. It creates immersive virtual environments within the metaverse that replicate real-world agri-food settings, such as farms, processing facilities, and marketplaces. These environments serve as digital replicas where stakeholders can interact, collaborate, and experiment. By leveraging immersive virtual environments and cutting-edge technology, it empowers farmers and operators to stay at the forefront of agri-food innovation in the digital age.Interested in this service? Contact us at angrisan@unina.it

How can the service help you

The service can help you by providing immersive virtual environments within the metaverse that replicate real-world agri-food settings, such as farms, processing facilities, and marketplaces. These digital replicas enable you to collaborate, experiment, and innovate in ways that are not possible in physical environments, helping you stay ahead in the agri-food industry and address challenges using cutting-edge technology.

How the service will be delivered

Tailored Virtual Environments: The service can create customised virtual environments that replicate your specific agri-food settings, such as your unique farm, processing facilities, or marketplace. This ensures the digital space is relevant to your operations, providing a more accurate and effective platform for collaboration and innovation.

Adaptable Collaboration Tools: The service can integrate various tools and features within the metaverse to suit your needs, whether it's for training, virtual meetings, product testing, or problem-solving. These tools can be tailored to facilitate specific interactions or processes within your industry.

Real-World Integration: The virtual environments can be customised to closely mirror your actual operations, ensuring that any experiments, simulations, or solutions tested in the metaverse directly align with real-world scenarios, giving you actionable insights.

Scalable Solutions: Whether you're a small operation or a large agri-food enterprise, the service can be adjusted to accommodate the size and complexity of your business, ensuring that the virtual environments and tools evolve as your business grows.

Service customisation

The service will be delivered by creating customised, immersive virtual environments within the metaverse that replicate real-world agri-food settings. These environments will be designed to suit the specific needs of your business, allowing stakeholders to interact, collaborate, and experiment digitally. The service will include the setup of these virtual spaces, integration with your existing operations, and ongoing support to ensure effective use and continuous innovation in the digital age.