Service ID S00370

Location Austria, Remote, Sweden

Assessment of agricultural potential for emerging technologies in AI & rc

Provider service

Josephinum Research (JR), Raumberg Gumpenstein Research & Development (RGRD), RISE - Research Institutes of Swed

Link to content

https://agrifoodtef.eu/catalogue-of-services/assessment-agricultural-potential-emerging-technologies-ai-robotics

Type of Sector

Arable farming, Food processing, Greenhouse, Horticulture, Livestock farming, Tree Crops, Viticulture

Accepted type of products

Data, Design / Documentation, Physical system, Software or AI model

Type of service

Desk assessment, Market research

Description

Our service is designed to assist clients in identifying and evaluating potential agricultural applications for AI or robotics technologies originally developed for other sectors. Clients can provide detailed information about their technology, including its current applications and technical specifications. Our expert team will conduct extensive research to identify possible use cases related to the agricultural and food production sector, analysing factors such as feasibility, potential benefits, and relevance to current agricultural challenges. The tools used for this work will depend on the use case and may include, for example, online research as well as expert interviews. The customer will receive the results as a comprehensive report outlining the identified potential applications, adoptions needed and an assessment of their relevance and impact within the agricultural sector. This service enables clients to explore new markets and adapt their technologies to meet the evolving needs of modern agriculture.

How can the service help you

This service helps customers by unlocking new growth opportunities for their AI or robotics technologies beyond their original sectors. Through our in-depth research and analysis, clients gain valuable insights into how their technologies can be adapted to address current challenges in agriculture and food production. This not only expands their potential market reach but also helps them identify high-impact use cases, assess feasibility, and understand the specific benefits their technology can bring to the agricultural sector. Ultimately, the comprehensive report we provide equips clients with the knowledge needed to make strategic decisions, reduce market entry risks, and accelerate the adoption of their innovations in new, promising industries.

How the service will be delivered

The service is fully customisable to meet each customer’s specific needs. During the initial meeting, we define the scope, key research questions, and objectives based on the customer’s technology and goals. The research focus, timeline (3–12 weeks), and deliverables can be tailored to prioritise relevant agricultural applications, with regular updates and feedback opportunities to ensure alignment with customer expectations.

Service customisation

The service begins with an initial online meeting (approximately 1 hour) to align with the customer on key expectations, service content, and scope. During this meeting, we will:

1. Clarify customer expectations and define the scope of the service.

2. Agree on key questions and objectives for the study.

3. Specify the documents and information needed from the customer for analysis.

4. Set a timeline for service delivery and establish communication channels for progress updates (e.g., regular online meetings).

Following this, we will conduct independent, in-depth research based on the agreed framework. This phase typically takes 3 to 12 weeks, depending on the study’s scope.

At the conclusion of the project, the customer will receive a comprehensive report detailing the findings related to the predefined key questions. We will also present and discuss the main results during a final workshop, either online or in person with the customer.

To ensure accurate and detailed results, customers must provide comprehensive information about the solution to be analysed, as the study's quality depends on the depth of the information shared.