Service ID

Location At user's premises, Austria

Assessment of environmental impacts when applying digital technologie

Provider service

Raumberg Gumpenstein Research & Development (RGRD)

Link to content

https://agrifoodtef.eu/catalogue-of-services/assessment-environmental-impacts-when-applying-digital-technologies

Type of Sector

Arable farming, Livestock farming

Accepted type of products

Data, Design / Documentation, Other

Type of service

Conformity assessment

Description

This service offers an in-depth evaluation of the environmental impact of digital technologies in agriculture, focusing on key areas such as resource efficiency, production sufficiency, ecological resilience, and animal welfare. Through script-based expert assessments and detailed environmental matrices, it systematically analyses the sustainability of each technology. The goal is to provide clear insights and guidance for adopting environmentally responsible agricultural practices.

How can the service help you

The service helps you by providing a detailed, structured assessment of the environmental impact of digital technologies in agriculture. Through evaluations in resource efficiency, production sufficiency, ecological resilience, and animal welfare, it guides you in adopting sustainable practices that align with environmental standards and best practices.

How the service will be delivered

The service can be customised to focus on specific areas of environmental impact, such as emphasising resource efficiency or ecological resilience, depending on your needs. Additionally, the level of detail can be adjusted, from a high-level overview to an in-depth analysis of specific environmental criteria, ensuring that the assessment aligns closely with your sustainability goals and operational focus.

Service customisation

The service will be delivered through a structured assessment process, using script-based expert evaluations and environmental assessment matrices to analyse each digital technology. This includes collecting necessary input data for technology characterisation and conducting evaluations in areas like resource efficiency, production sufficiency, ecological resilience, and animal welfare. The results are then compiled into a comprehensive report, providing clear recommendations for sustainable practices.