

**Service ID**

S00060

**Location**

Poland



## Testbed preparation

**Provider service**

Łukasiewicz - Poznański Instytut Technologiczny

**Link to content**

<https://agrifoodtef.eu/services/testbed-preparation>

**Type of Sector**

Arable farming, Horticulture

**Accepted type of products**

Data, Physical system, Software or AI model

**Type of service**

AI model training, Test design, Test setup, Text execution

**Description**

Testbed preparation will enable costumers to execute physical tests of their technology/machines/algorithms in line with their expectations. Within this service, costumers might get a well prepared flat/sloped arable lands or permanent grasslands. We can also prepare a land with "controlled rain conditions" or a dump ground. There is also a possibility of providing and preparation of apiary or a sprinkler for software testing. We can help costumers run physical experiments by preparing a cultivated/non-cultivated fields or run tests on test plots, specially designed for testing. Within the latter, we will take care of such elements like: soil preparation, seed/plant procurement, seeding/planting, plant growth management, preparation of technical infrastructure. All this to meet your needs to ensure optimal conditions for conducting and monitoring tests. This service can be executed in fields with various area with system of weather stations, phenological stations and ICT infrastructure. We can also prepare costumers sets of data collected for these areas like archive cultivated plants, treatments, crops, etc.

**How can the service help you**

If you have a robot or an algorithm and you want to validate it in "real-conditions" (like in everyday farmer's work, on the field, with a desired kind of crops), this service is what you are looking for.

You will be able to collect data and notice eventual mistakes and which elements can be improved.

**How the service will be delivered**

The service is delivered in Wielkopolska region, Mostly in Sielinko.

It is a WODR's Exhibition and Training Center with 72ha of fields with various soil grades: III (25ha), IV (37ha), V (8ha), VI (2ha).

**Service customisation**

This service can also be customised: within it, a desirable - from the customer's point of view - kind of crop/area can be set up.