DigiFarm is a Norwegian based ag-tech startup established in 2019.

DigiFarm’s core vision is to detect the world’s most accurate field boundaries and seeded acres to power precision agriculture. This is achieved through developing deep neural network models for automatically detecting field boundaries through super-resolving Sentinel-2 satellite imagery (to 1 metre resolution). DigiFarm has successfully validated the model on 450 million hectares of fields achieving detection accuracies of above 96%, 12-15% higher than existing boundary data (Cadastral, LPIS in EU and CLUs in US).

DigiFarm has over 50 clients in over 17 countries with 1.5M+ EUR in ARR and a team to 58 in just over a year.

The aim of the pilot included developing and training a deep neural network model for detection of entire-country sized regions including Germany, Austria, Belgium, and the United Kingdom.

With the new data and the model, DigiFarm has managed to attract new potential clients and has also applied successfully for next round of funding.

DigiFarm also generated a lot of know-how around model training, GPU-setup and on how to build and develop a scalable, automatic, and cost-efficient data processing pipeline.

The TRL increased from TRL5 to TRL6.