



FAIRshare

DIGITAL TOOLS FOR FARM ADVISORS



2018-2023



31 partners



6,99M

Findable, Available, Interoperable,
Reusable and Shareable

FAIRShare aims to improve farmer engagement with digital technologies through sharing, adapting and enabling more use of digital advisory tools and services (DATS)

Practice abstract n°63

Digital maps and virtual inspections to optimize and reduce herbicide use



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n°63

Context

The User case DIGI-WEED will demonstrate how advisors at Patriotisk Selskab can use the services of RoboWeedMaps, image analysis and decision support tool, and implement the benefits for both farmer and advisor.

Innovative solution

The RoboWeedMaps system can clarify the weed flora and density in a specific area in the fields thereby providing high resolution maps. Main activities of this UC are:

- photograph fields, upload, and process data for the virtual field inspections
- create weed-map and application-file based on weed population and location.
- online advice to farmers according to their weed population.

Benefits



By analysing photos of weeds that are automatically classified, the advisor can select targeted herbicides.



Time and effort saving compared to field inspections.



The documentation of advice is simplified as the data is saved and can be re-evaluated by others for quality control.



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Consortium

