

MAIN CHALLENGE/ OBJECTIVES

Farmers are interested in digital tools, but adoption is slowed by system complexity, lack of time, limited digital skills and uncertainty about benefits. DataFarmers aimed to help farmers use and share farm data for better crop management and sustainability.

MAIN RESULTS/ OUTCOMES

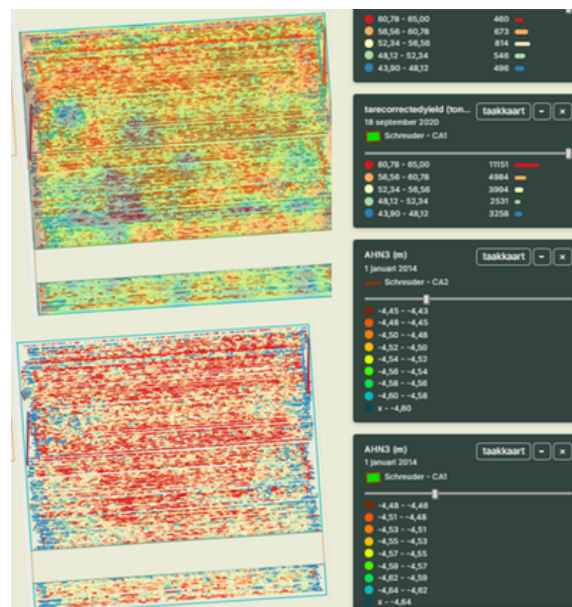
The OG contributed to farmer learning and awareness on digitalisation. Participants learned how to collect, connect, interpret and share farm data using platforms. P2P-exchange and practical workshops increased confidence in data-driven farming and highlighted the need for user-friendly systems.

PRACTICAL IMPLICATIONS / RECOMMENDATIONS

Training, peer learning and simple digital infrastructures are essential for adoption. Start with practical applications that provide direct value, such as satellite monitoring, variable fertilisation or linked farm management systems. Although digitalisation requires time for learning and setting up systems, participants could already recognise potential benefits such as improved overview of farm data, easier data sharing and more efficient decision-making processes. Operational Groups should support peer-to-peer learning, practical workshops and continuous guidance, helping farmers gain confidence in interpreting and applying digital farm data in daily decision-making. Data sharing between farmers supports benchmarking, better decisions and faster adoption of smart farming practices. The approach is adaptable to different arable farming regions and crops where digital farm data are available.

GEOGRAPHICAL LOCATION

Flevoland, the Netherlands



FURTHER INFORMATION

The Operational Group "DataBoeren" (Data Farmers) was a collaboration between Aeres University of Applied Sciences, Wageningen Research, Big Data Value Center and 13 arable farmers in Flevoland, the Netherlands. The group focused on improving economic and ecological sustainability in potato production through the use and sharing of farm data. Farmers worked together to learn how digital tools, satellite data, sensors and farm management systems could support better decision-making. Platforms such as FarmMaps and NDICEA were used to connect and analyse data from machinery, soil, crops and weather conditions. The project combined practical workshops, peer learning and on-farm demonstrations to increase farmer awareness and confidence in digitalisation and precision farming practices. https://eu-cap-network.ec.europa.eu/projects/data-farmers-farming_en and their follow-up <https://www.sia-projecten.nl/project/precisialandbouw>



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