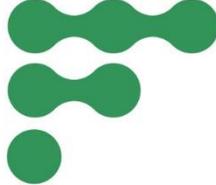




INNO  
VATION  
FARM



FARMING FOR FUTURE

INNOVATION FARM

Fabian Butzenlechner

Mit Unterstützung von Bund, Ländern und Europäischer Union

 Bundesministerium  
Landwirtschaft, Regionen  
und Tourismus

  
**LE 14-20**  
Entwicklung für den Ländlichen Raum

Europäischer  
Landwirtschaftsfonds für  
die Entwicklung des  
ländlichen Raums:  
Hier investiert Europa in  
die ländlichen Gebiete.



# Innovation Farm



 HBLFA Francisco Josephinum  
Wieselburg



 HBLFA  
Raumberg-Gumpenstein  
Landwirtschaft



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Europäischer  
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Hier investiert Europa in  
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*A consortium in collaboration  
between:*

- *research organisations*
- *agricultural pilot farms*
- *company & industry partners*
- *education & media partners*



**AIMS: practical testing,  
optimization and  
demonstration of  
innovative solutions**



INNO  
VATION  
FARM



FARMING FOR FUTURE



## Focus on ...

- solutions to current challenges
- technologies and developments that are already as market-ready and practical as possible (interface R&D / practice)
- the presentation of selected implementation concepts with the aim of reducing the barriers to entry
- a holistic, practice-relevant approach



AIMS: Providing useful solutions for (future) farmers



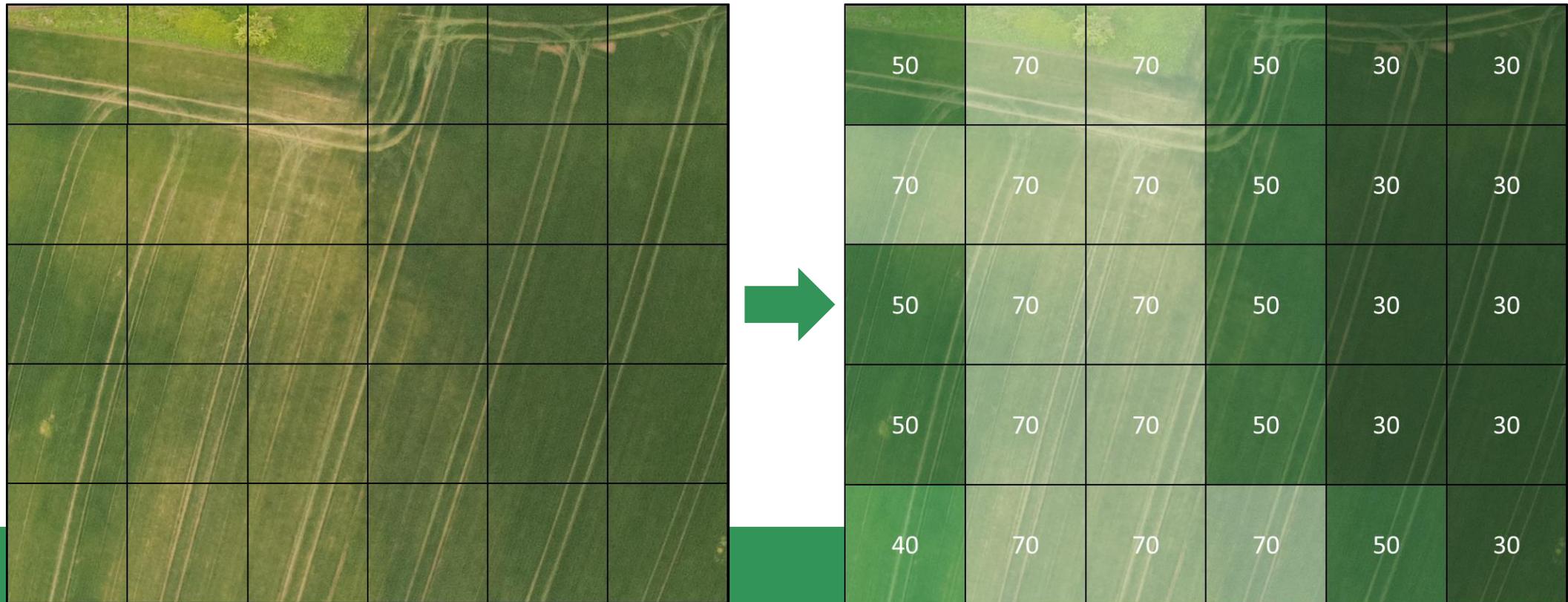
# Main topics in arable farming

- ❖ Soil zoning, tillage, seedbed preparation & seeding for site appropriate crop management.



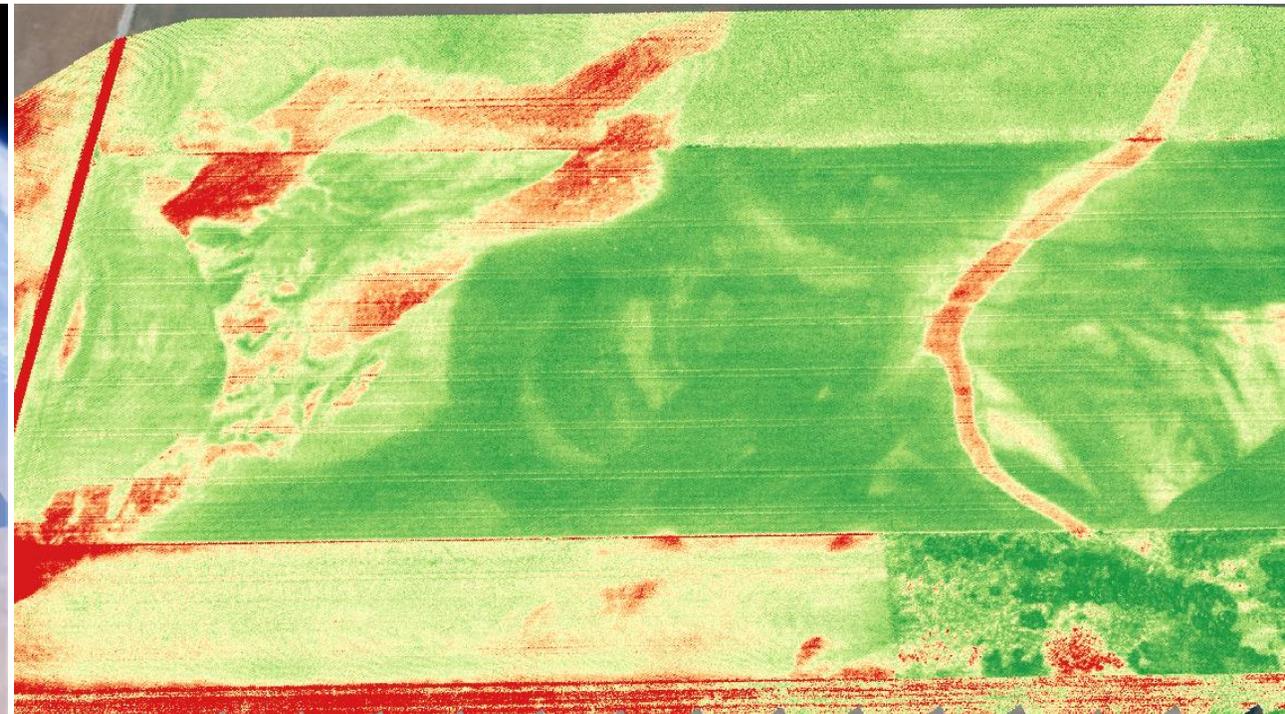
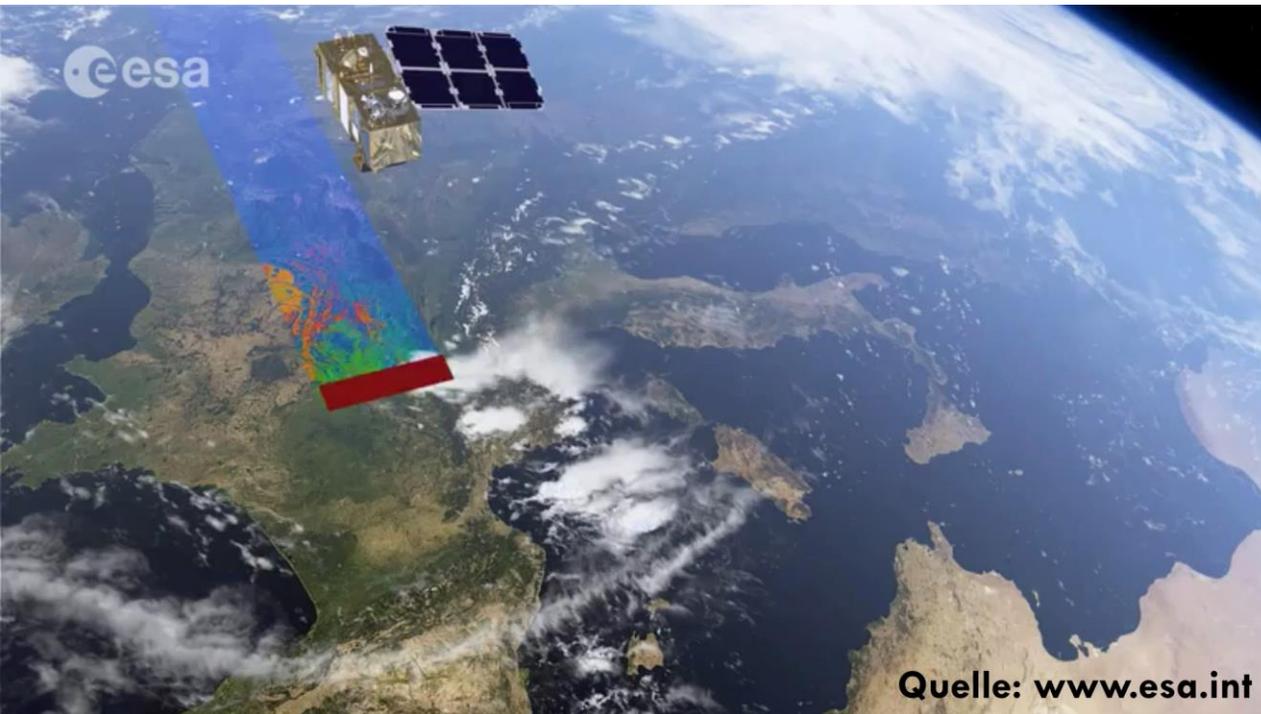
# Main topics in arable farming

## ❖ Applications for needs-based and efficient fertilization



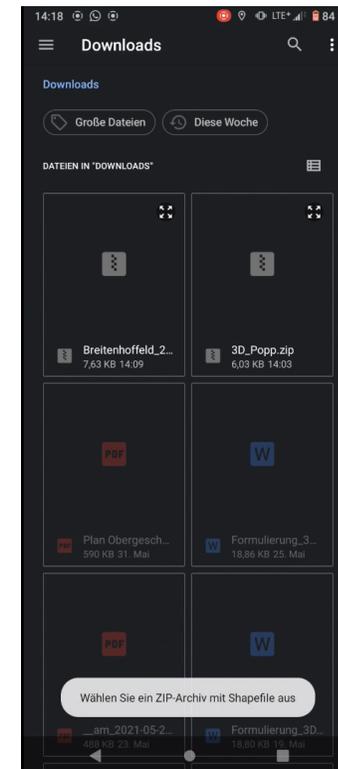
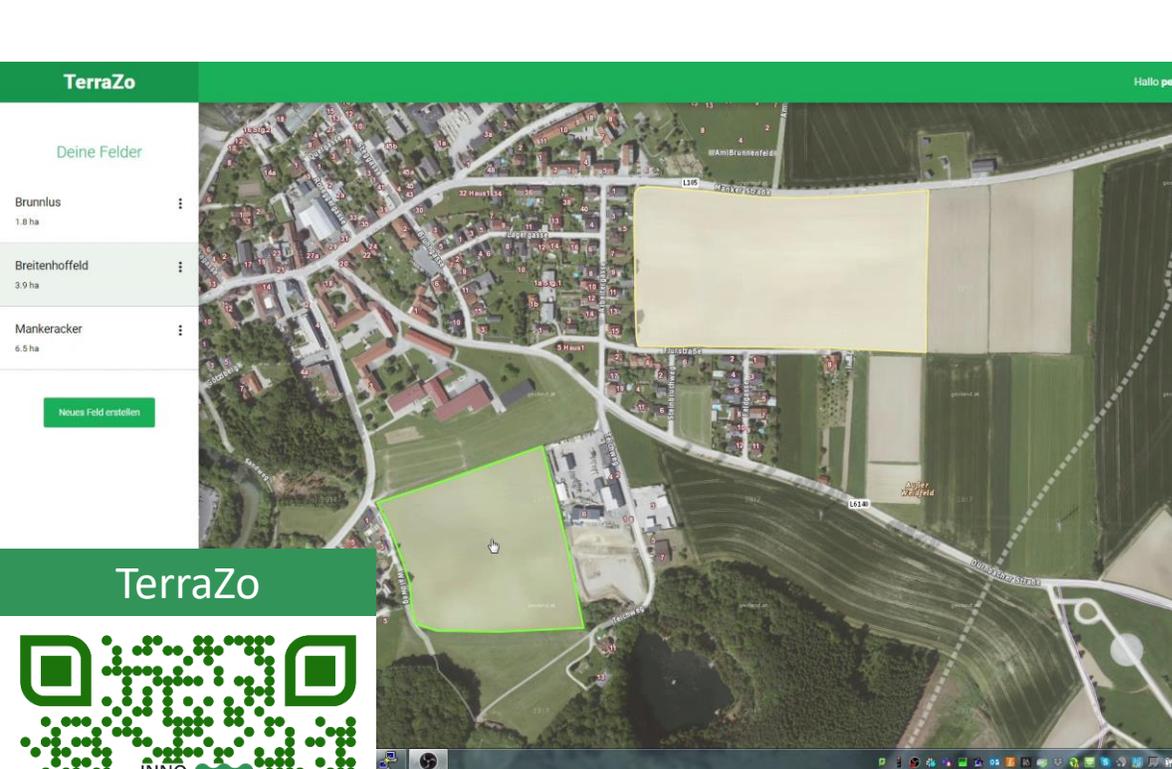
# Main topics in arable farming

## ❖ Applications for needs-based and efficient fertilization



# Main topics in arable farming

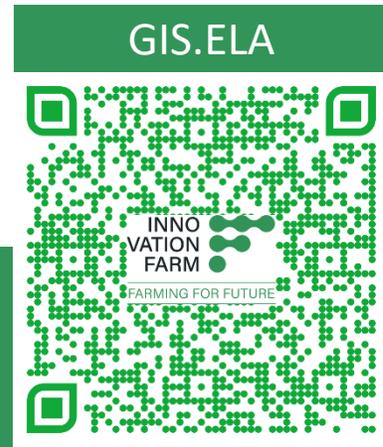
## ❖ Applications for needs-based and efficient fertilization



Josephinum Research  
Wieselburg

Projekt: GIS-ELA  
Gefördert im EIP-Programm  
des BMLRT

Landwirtschaftskammer  
Niederösterreich



# Main topics in arable farming

- ❖ Applications for needs-based and efficient fertilization



# Main topics in arable farming

## ❖ Innovations for sustainable and targeted crop protection



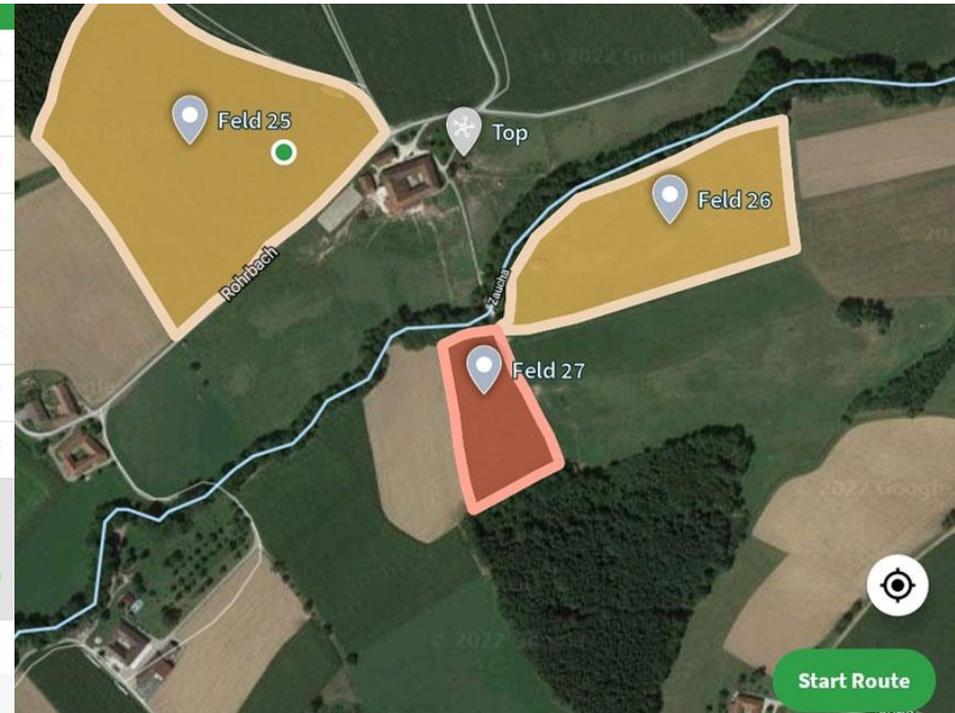
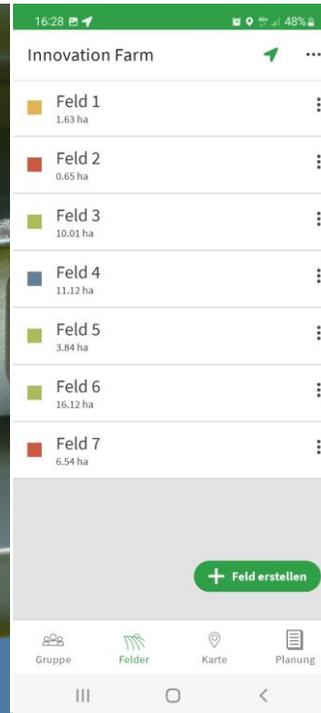
# Main topics in arable farming

- ❖ Assistance systems for intelligent and efficient field work and harvesting



# Main topics in grassland

❖ Solutions for a resource-saving and smart grassland process chain



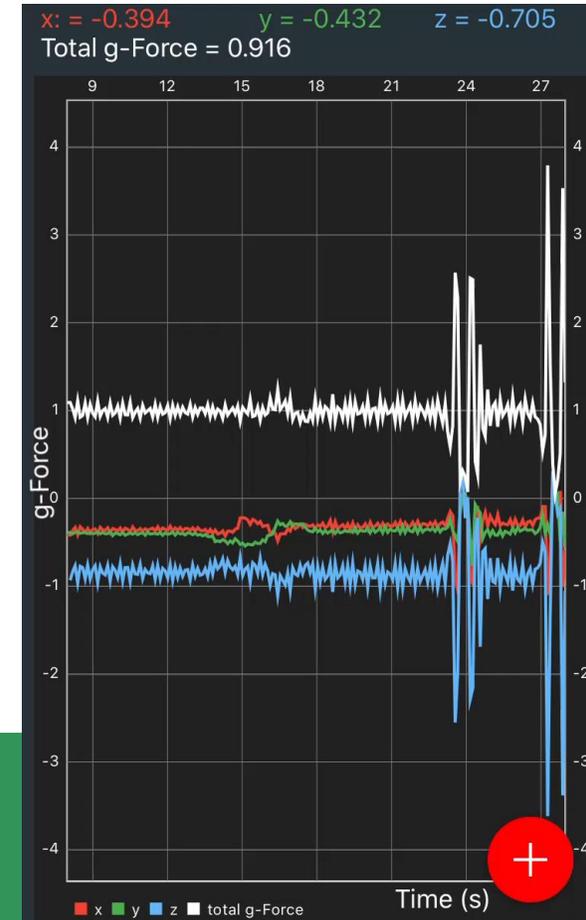
# Themes in the stable

## ❖ Herd management



# Themes in the stable

## ❖ Sensors for an animal individual observation



# Themes in the stable

## ❖ Automation and robotics in indoor mechanization



# Contact us



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PERSPEKTIVEN FÜR  
UMWELT & GESELLSCHAFT **umweltbundesamt**<sup>U</sup>

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