



CROPT

# AI Solutions

for data-driven field assessment



# Problem: What to plant where?



## Objectives:

- ↑ profit
- ↑ climate resilience
- ↓ risk

**Taking into account:** Varieties, hybrids, tillage fertiliser, pesticide, prices, logistics, cover crops...



How it's currently done

## Number of combinations

equivalent

For 14 fields



Number of Humans

For 21 fields



Number of Ants

For 30 fields



Stars in Universe

Profit  
Increase

<25%

Risk  
Decrease

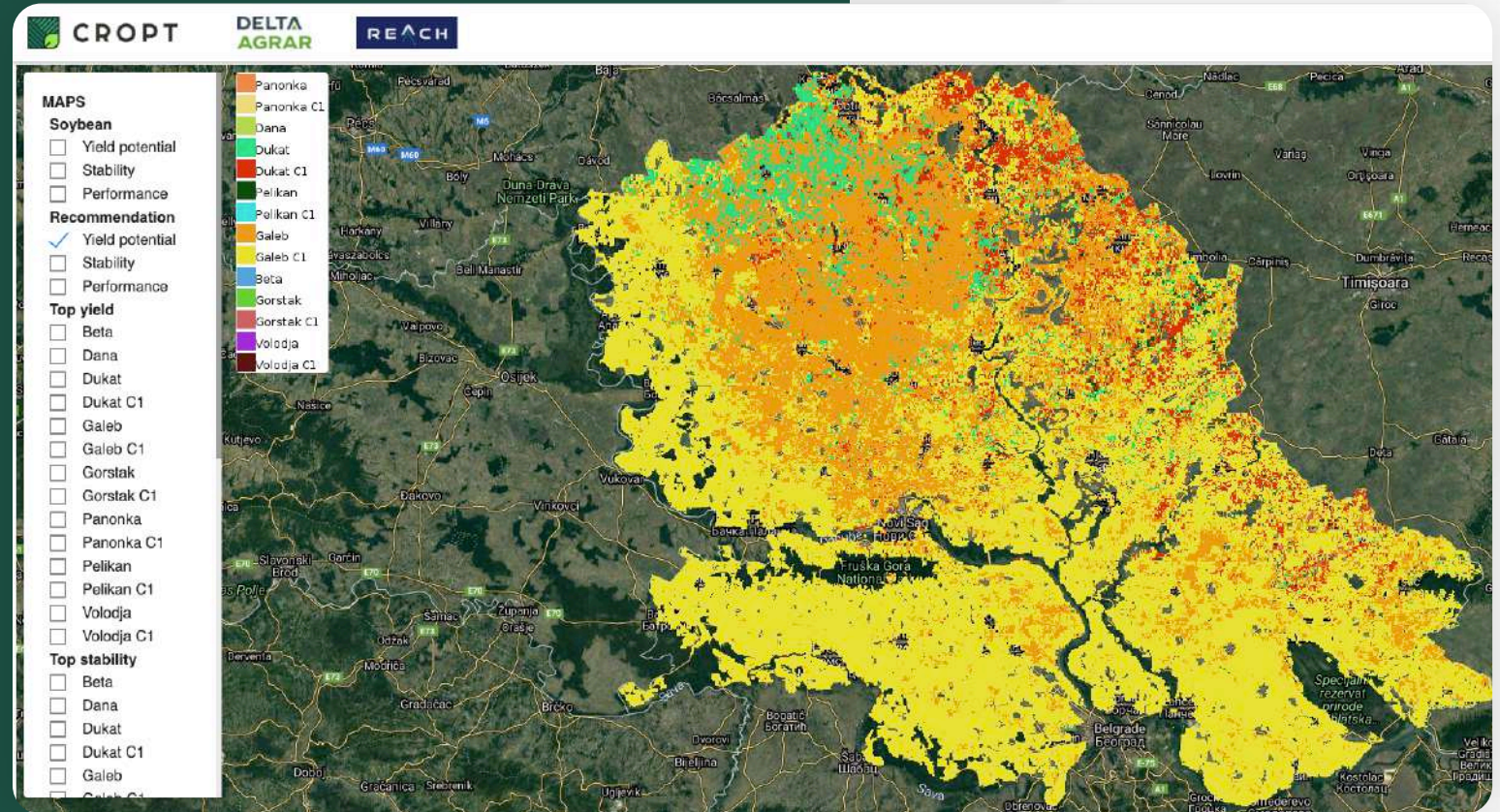
<20%



# Recommendation system for farmers

DELTA  
AGRAR

- Crop & varieties recommendation
- Optimal diversification
- Highest profit for the selected amount of risk



# Big Data Analytics



Agronomic  
Knowledge



Elevation



Copernicus CC3S Climate  
Database



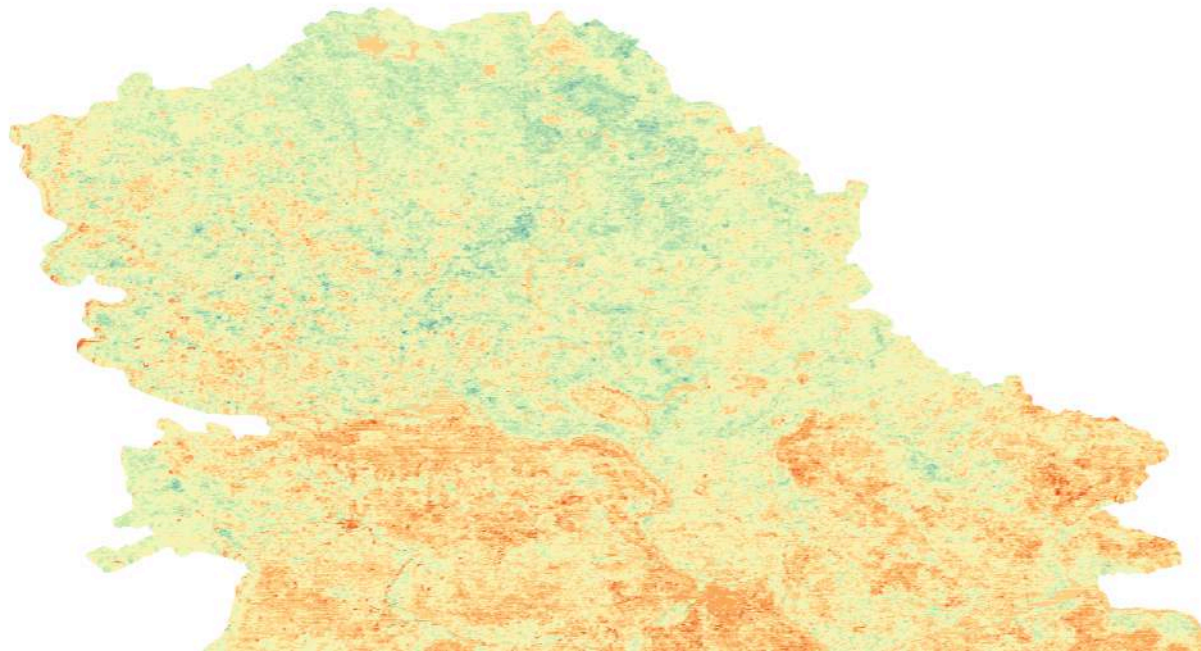
Yield Prediction



Satellites



SoilGrids

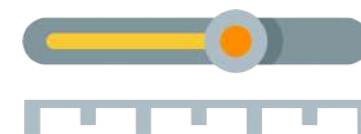


Yield Maps

FINANCE



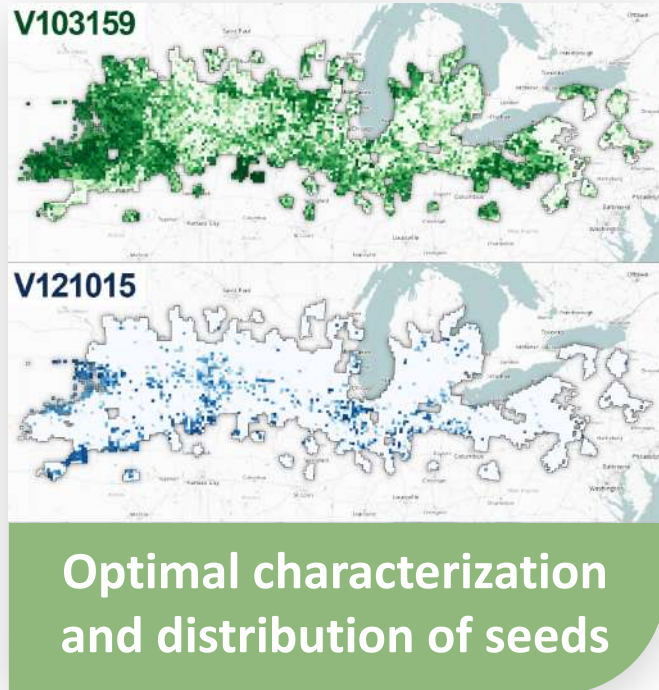
Risk



Customised premiums  
& interest rates



# Value Proposition



Rapid and holistic risk assessment of farmers



Optimal decisions for higher profit and lower risk

# Business Model



Financial Institutions

B2B

Software-as-a-Service



Ag Companies

Small-scale pilots with:



Pilots conducted and systems developed for:



# Market Size

- At €3/ha for AI-driven recommendation  
SOM = €1.2 Bn  
(large Ag companies in N. America and Europe)
- At 0.5% service fee for the financial use-case  
SOM = €800 M  
(1 bank per country with 20% market share)
- AI in agriculture CAGR = 21% (MarketWatch)

TOP 10 SEED COMPANIES

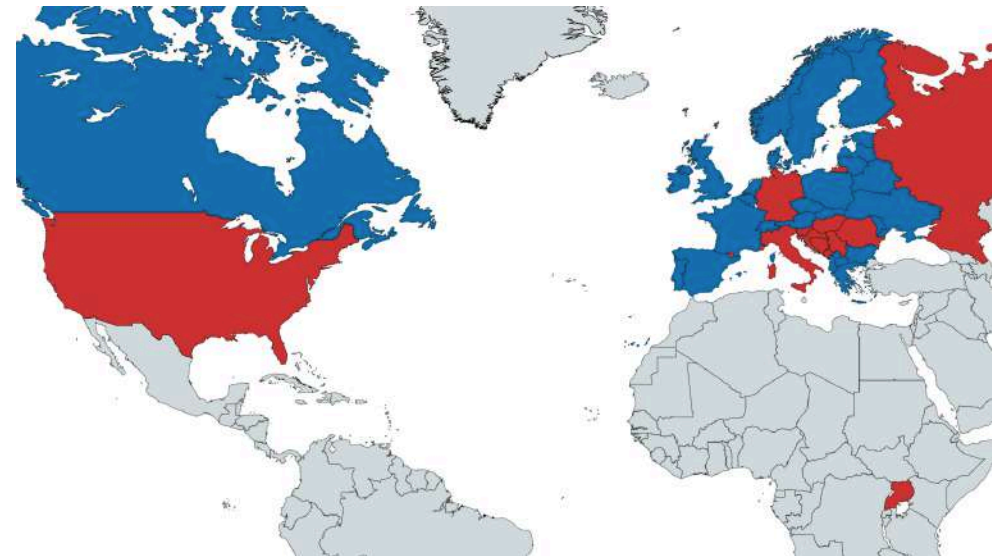
70%

OF THE MARKET

TOTAL SOM

€2 Bn

YEARLY



2021/2022

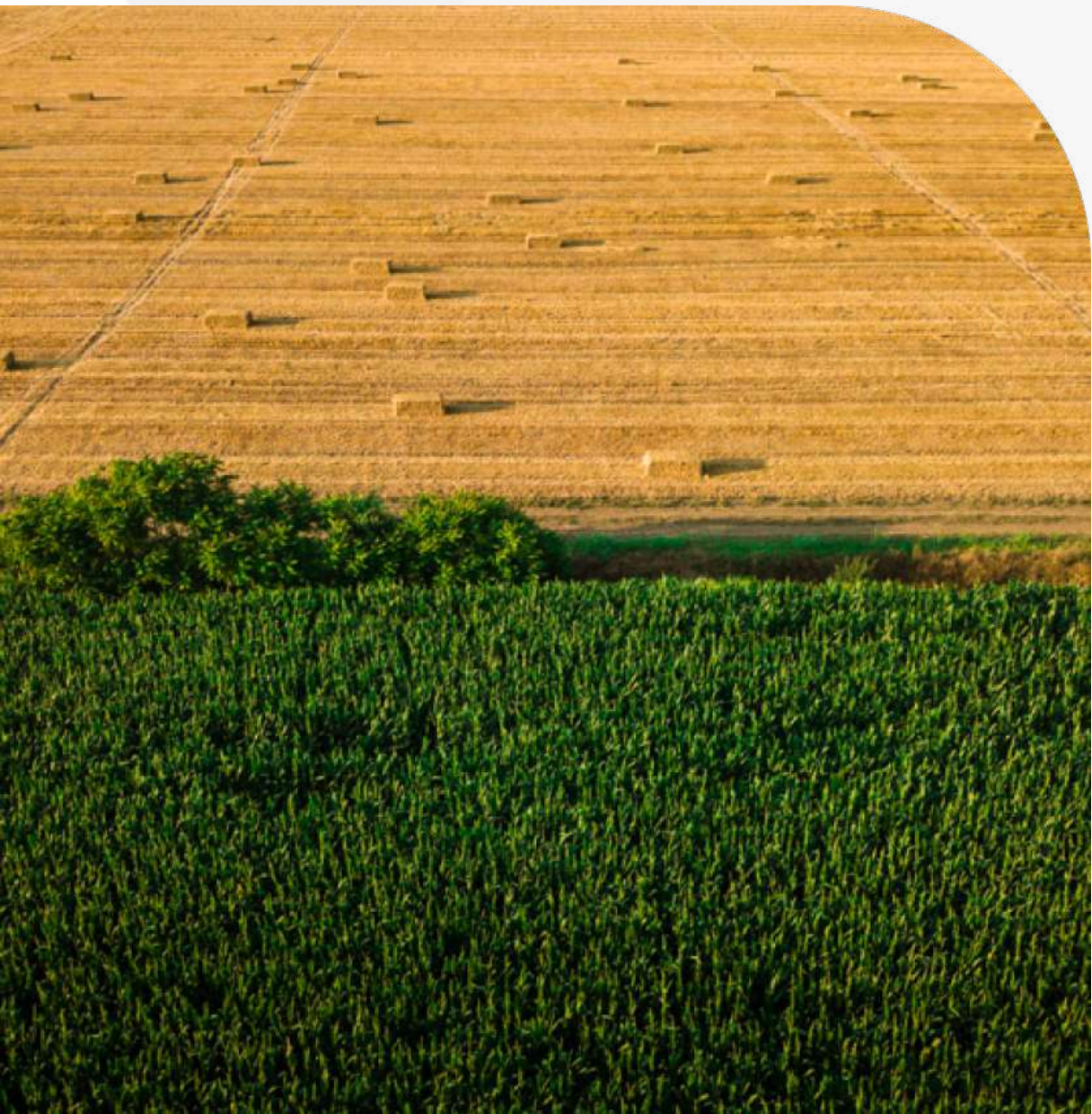


2022/2023



2024





## TRUSTED BY



**DELTA**  
**AGRAR**



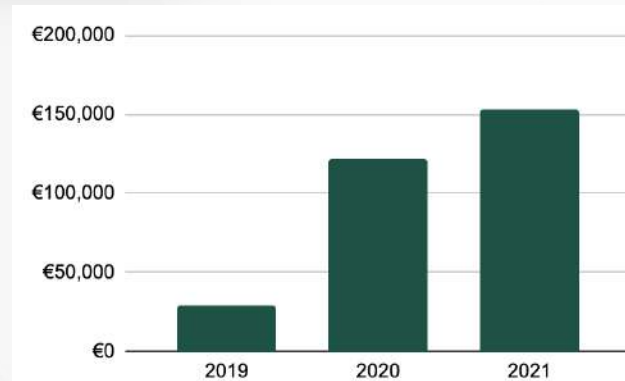
And others...

## PILOTS

Successfully conducted in



## REVENUES





# Team

## Co-Founders



**Dr Sanja Brdar**  
CEO



**Dr Oskar Marko**  
CTO

## Data Analytics



**Milan Ignjić**  
Data Analyst



**Igor Trpovski**  
Data Analyst

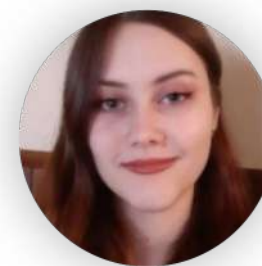


**Jelena Zorić**  
Data Analyst

## Business



**Maša Mimica**  
Business Dev. Manager



**Dragana Mađerčić**  
Business Dev. Manager

## Agro Expertise



**Prof. Vladimir Ćirić**  
Soil Scientist



**Dr Gordan Mimić**  
Climate Expert

## Software



**Dr Danijela Tešendić**  
Software Developer



**Prof. Srđan Škrbić**  
Lead Developer

## Advisor



**Prof. Vladimir Crnojević**  
Director of BioSense



**CROPT**

Ai solutions for data-driven field assessment



# CROPT

## Call to Action

### *Smart investments:*

- Bringing in the clients
- Connections with data providers
- Further tech development
- Geographic scale-up
- Business model validation

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