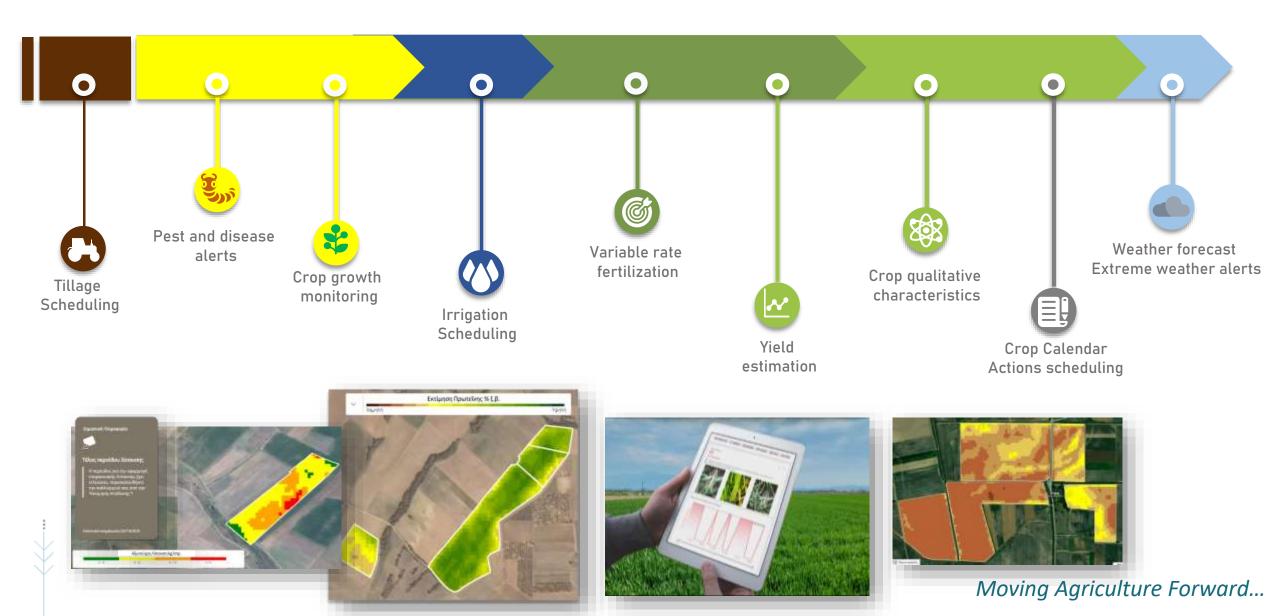


Services





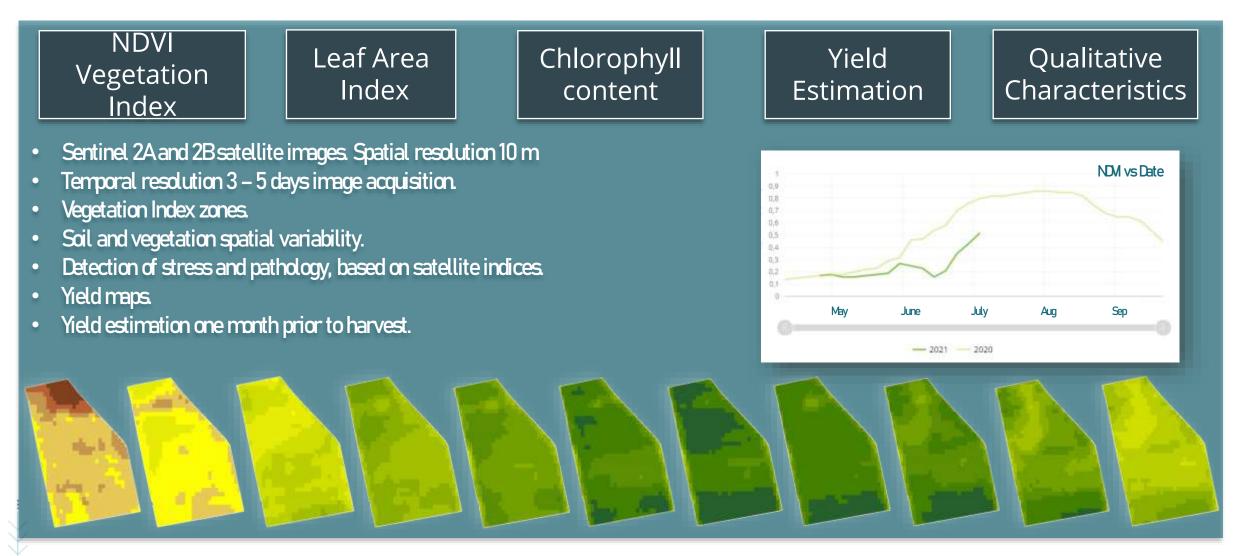
Digital
Consultant
in numbers







Crop Growth Monitoring and Yield Estimation





Tillage and Irrigation Scheduling

Daily Soil
Moisture
Calculation

Available Soil Water, Field
Soil moisture calculation

Soil conditions for tillage

Irrigation Registration Best timing for water application

- Available Soil Water, Field Capacity, Permanent Wilting Point and Lower Allowable Moisture, based on variable rooting depth.
- Soil moisture calculation in the plough layer (30 cm topsoil layer).
- Crop coefficient (Kc) determined by satellite data and current vegetation status.
- Soil water balance model.







Pest and Disease alerts

Colorado potato beetle

Wireworms

Potato Tuberworm

Aphids

Potato Late Blight Potato Early Blight

• Prediction of the insect's generations and most susceptible crop growth stages throughout the cultivation period.

Prediction of disease outbreaks, based on the prevailing meteorological conditions.

• Risk levels on map.

• Report on weekly possible threats.

Pest and Disease	21/07	22/07	23/07	24/07	25/07	26/07	27/07
Colorado Beetle	苺	益	-	-	-	-	-
Wireworms	-	益	益	-	益	益	苺
Tuberworm	苺	益	益	-	益	益	苺
Aphids	故	益	益	-	-	-	-
Late Blight	-	-	-	-	-	-	-
Early Right	-	-	益	-	-	-	-





Crop Calendar - Actions Planning - Photo Upload

Registration of actions

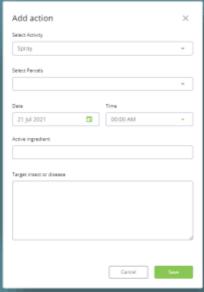
Action
Planning &
reminder

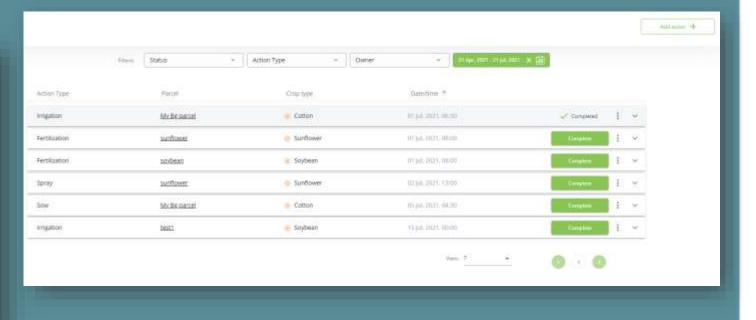
Registration of Observations

Photo Upload

- Proper fields for easy action registration and planning (Irrigation, Spraying, Tillage, Fertilization, Sowing, Harvest, Notes).
- Pest and disease specific observation sheet (symptoms, trap captures).
- Special filters for actions mining.
- Photo upload per action or observation.

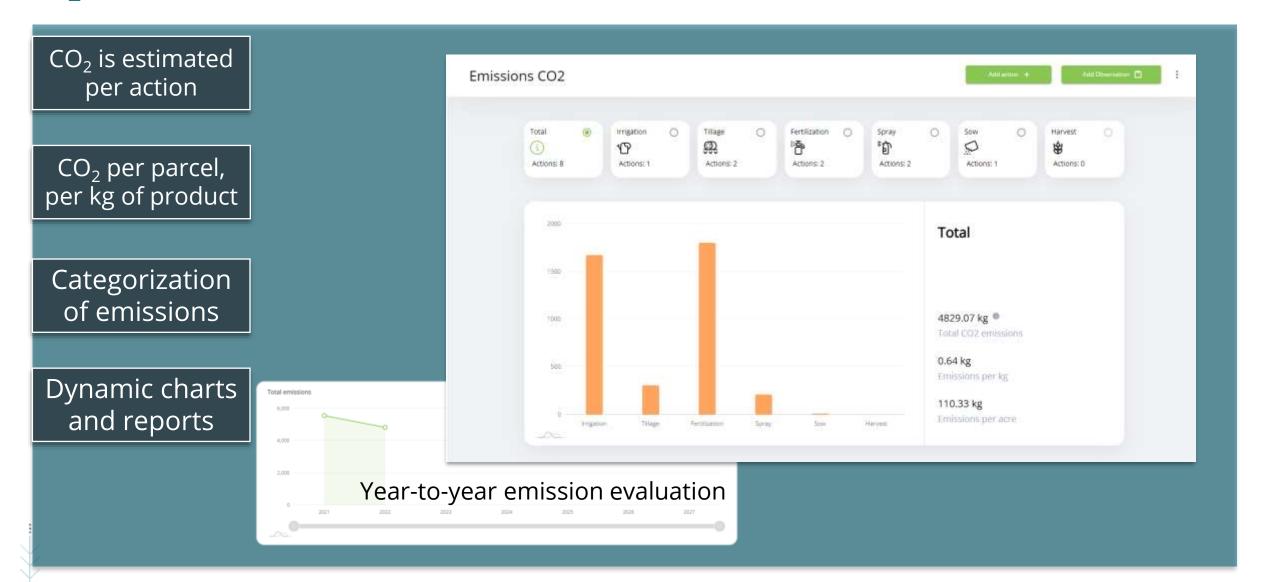








CO₂ emissions estimation per action





Weather Forecast

