mysmartfarm™

Modern farming made easy

WE TAKE THE TECH OUT OF FARMING, SO YOU CAN DO WHAT MATTERS

MySmartFarm simplifies the complexities associated with modern agriculture

Farmer’s Management

Planning > Action > Recording > Reporting > Compliance

> Crop protection Field scouting, pest & disease
> Fertilization Lab assessments, turnkey VR
> Irrigation Scheduling and automation
> Livestock Live tracking, monitoring, sorting
> Labour tracking Time & attendance and automation
> Planning & Recording Crop, Seed, Clone & Compliance
> Stock & Sales Marketing, storage and trading
> Finance Insurance & credit

Enabling Technologies

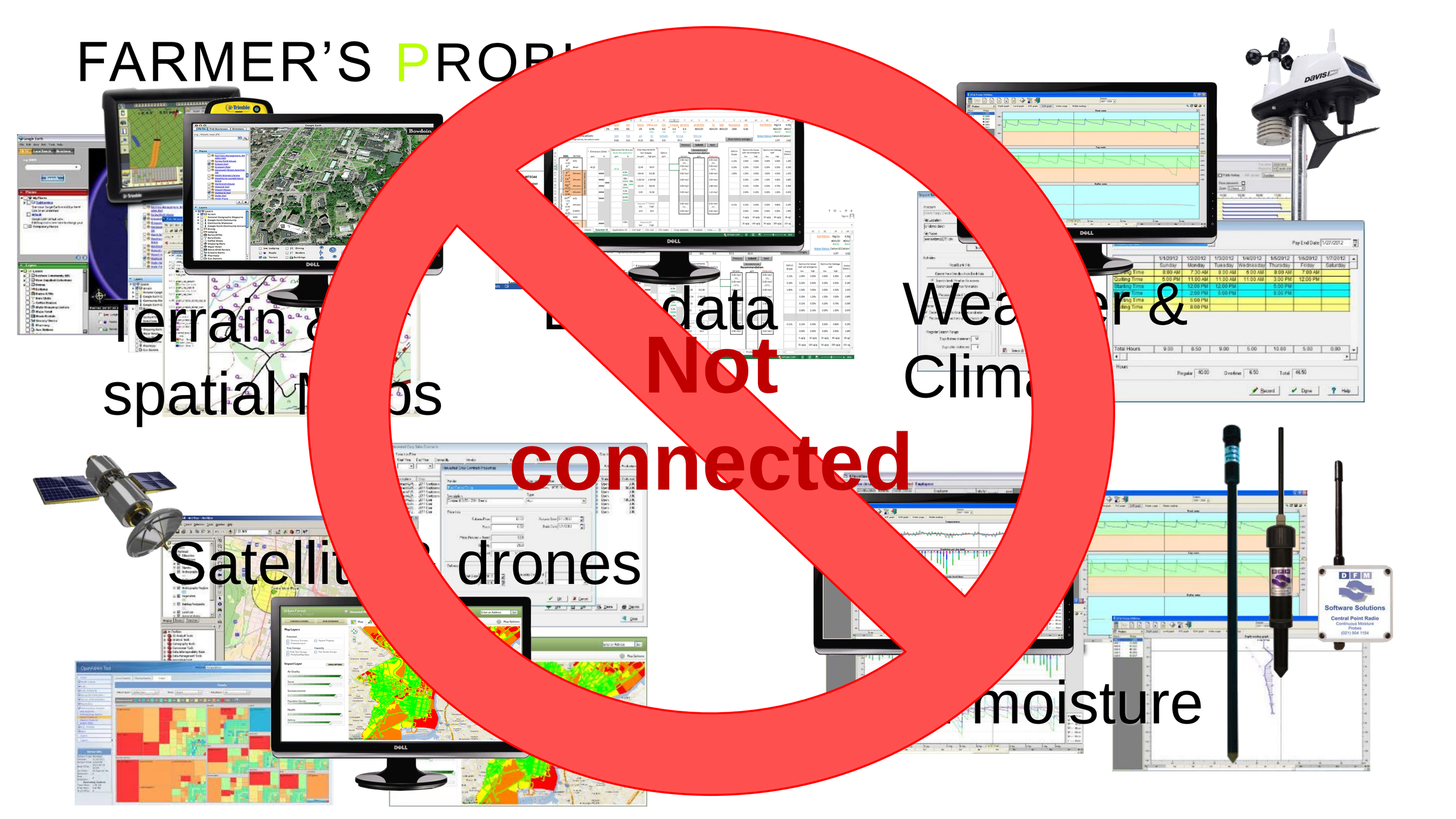
Remote data
Satellites
Drones
Consultant maps
Laboratory

In field sensors & IoT
Climate
Soil moisture
Stem pressure/growth
Scouting & monitoring
Harvest & quality
RFID/NFC tracking
Water & diesel meters
Pressure gauges
Livestock sensors
Spray records
Growth stage records
Labor records
Tractor & Silo sensors

Spatial Intelligence
Vegetation index
Plant & soil wetness index
Management zones
Season performance map
Soil sampling locations
Productivity (yield) maps
Soil classification & maps
Erosion, rainfall & wetness
Pest & disease maps
Irrigation pivot maps
Neighbor spy / benchmarking
Field level weather forecast
Soil moisture maps

Artificial Intelligence
Weather forecast
Irrigation forecast
Yield prediction
Irrigation system health
Disease & pest pressure
Plant stress & health
Cattle health & conditions
Irrigation automation
Disease & pest forecasting
Compliance reporting
Other report automation
Crop & seed advisor
Theft control

ICT & Computer
A farm data warehouse
Responsive secure Cloud
Mobile devices
Information dashboards
Data to BI
Warnings & notifications
Planning operations
Financial controlling
Machine learning and AI
Wi-Fi connecting farm
Image recognition
Data sharing


FARMER'S PROB
Terrain a
spatial M ps
data
Wea er &
Clima
Not
connected
Satellit drones
moisture
Software Solutions
Central Point Radio

FARMER'S PROBLEMS

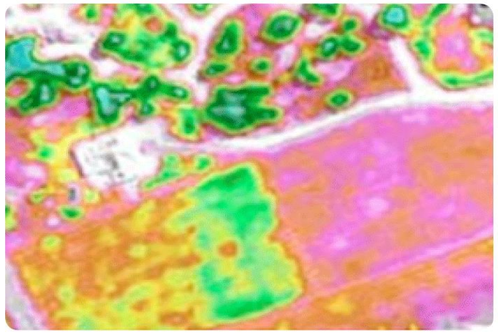
Mapping & spacial

Soil analysis

	2000		2007	
		% CEC		% CEC
pH	00.00	00.00	00.00	00.00
P ppm	00.00	00.00	00.00	00.00
Kppm	X	X	X	X
K (me)	X	X	X	X
Ca(me)	X	X	X	X
Mg(me)	00.00	00.00	00.00	00.00
Resistance	00.00	00.00	00.00	00.00
H+	00.00	00.00	00.00	00.00
CEC/T	00.00	00.00	00.00	00.00
S/depth	00.00	00.00	00.00	00.00
Stone %	00.00	00.00	00.00	00.00
Cu mg/kg	00.00	00.00	00.00	00.00
Zn mg/kg	00.00	00.00	00.00	00.00
Mn mg/kg	00.00	00.00	00.00	00.00
B mg/kg	00.00	00.00	00.00	00.00
B mg/kg	00.00	00.00	00.00	00.00
Fe mg/kg	00.00	00.00	00.00	00.00
C %	00.00	00.00	00.00	00.00

Weather intelligence services – Temperature

Actual evepotranspiration



Stemwater potential & irrigation

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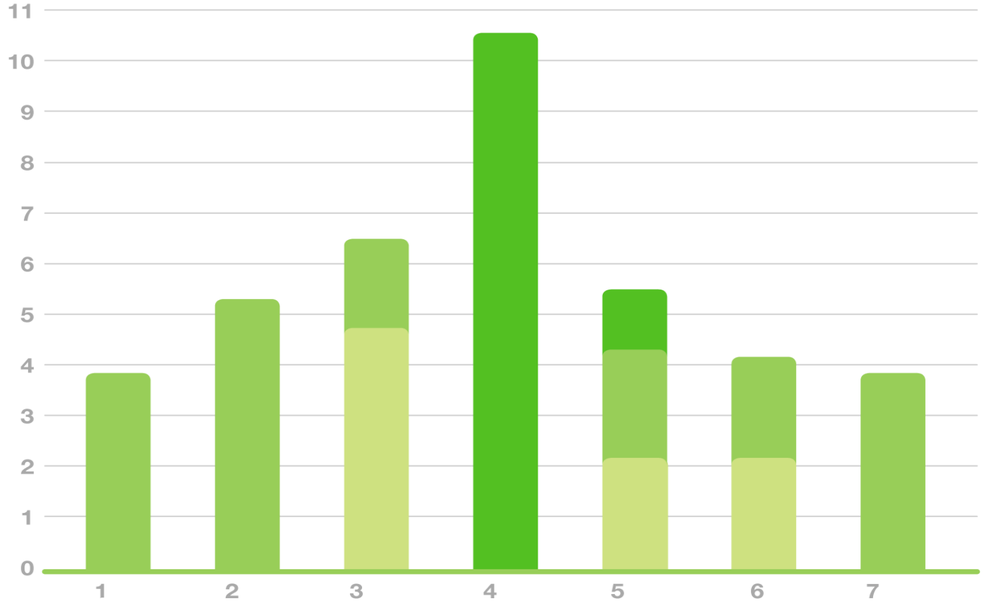
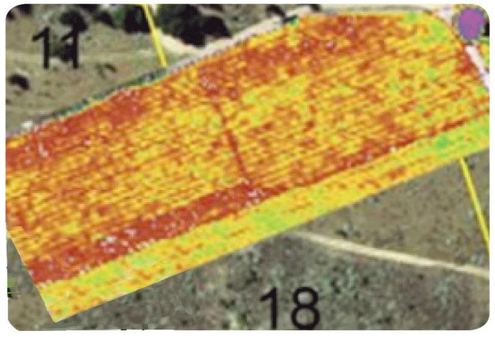


Biomass production



Disease scouting

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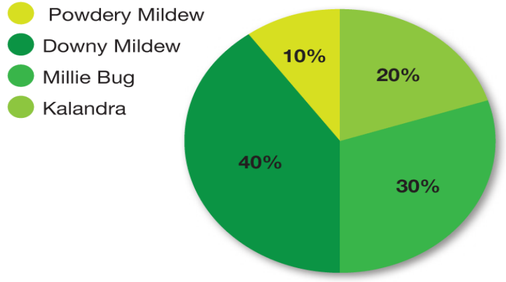
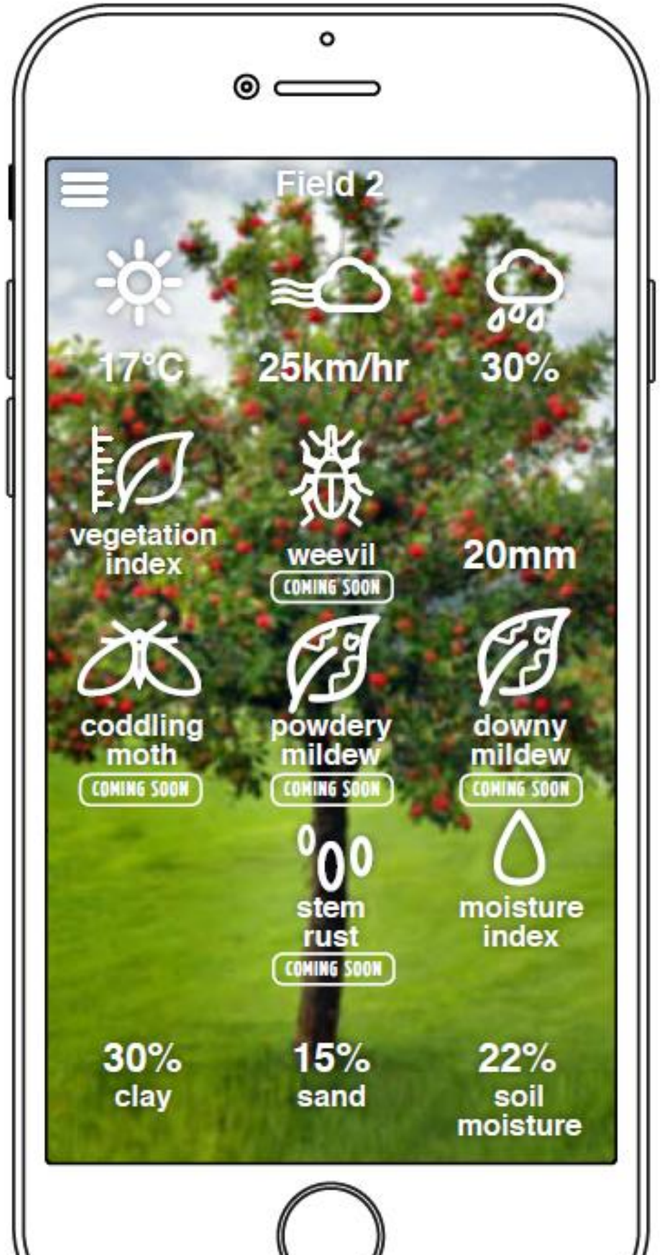
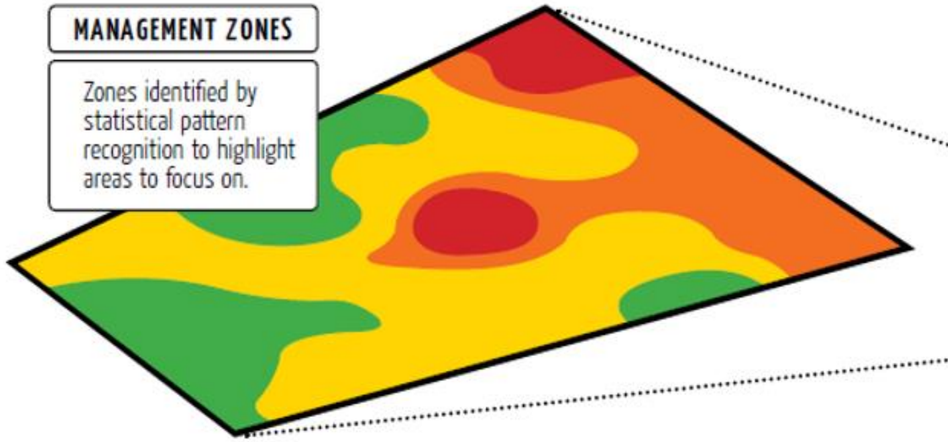
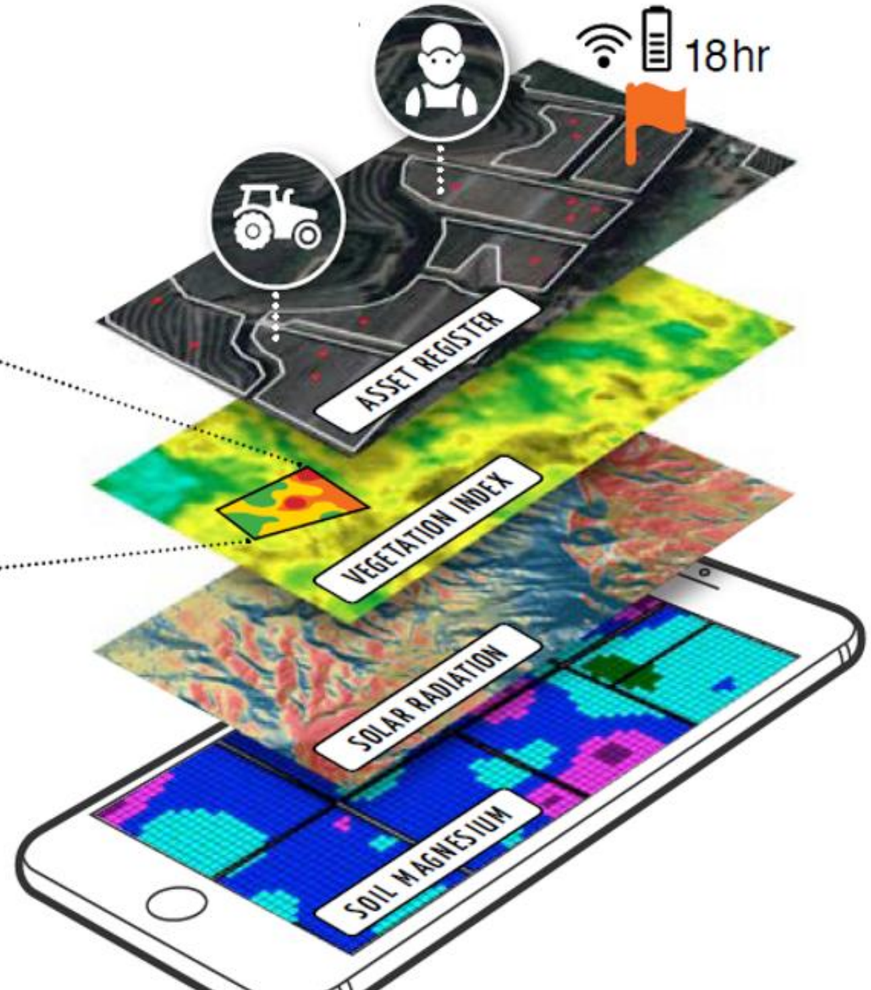


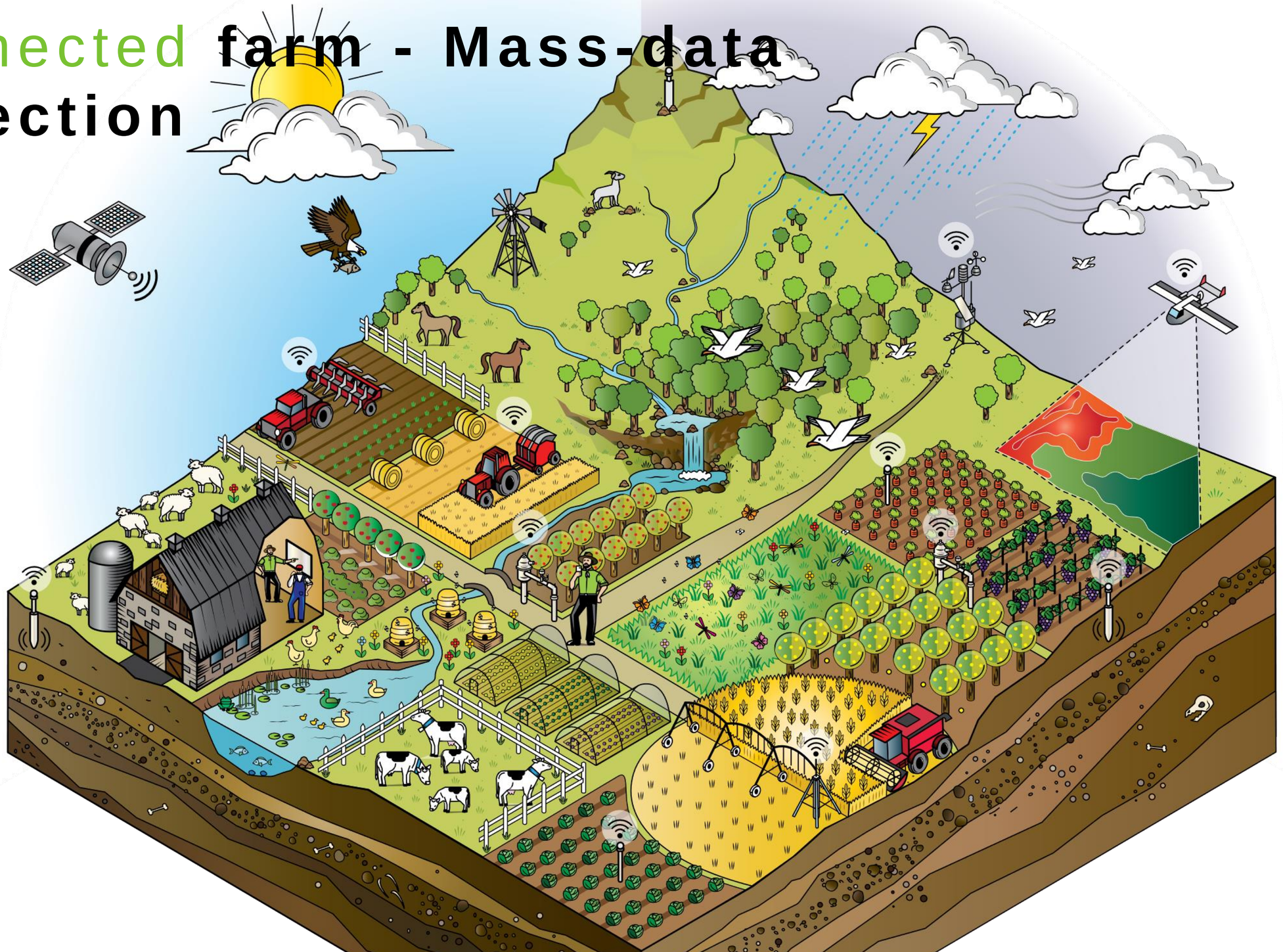
Mobile applications

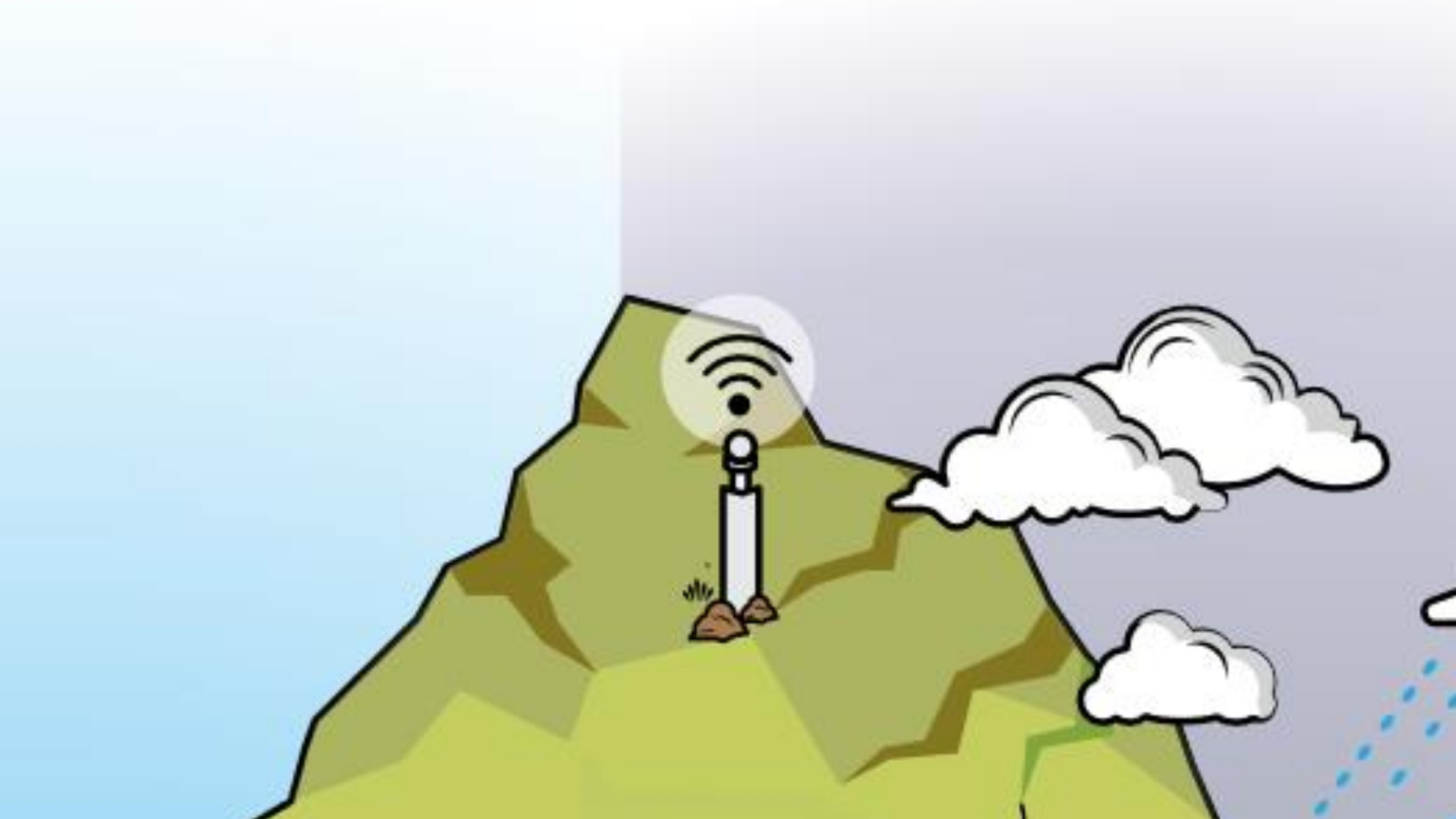


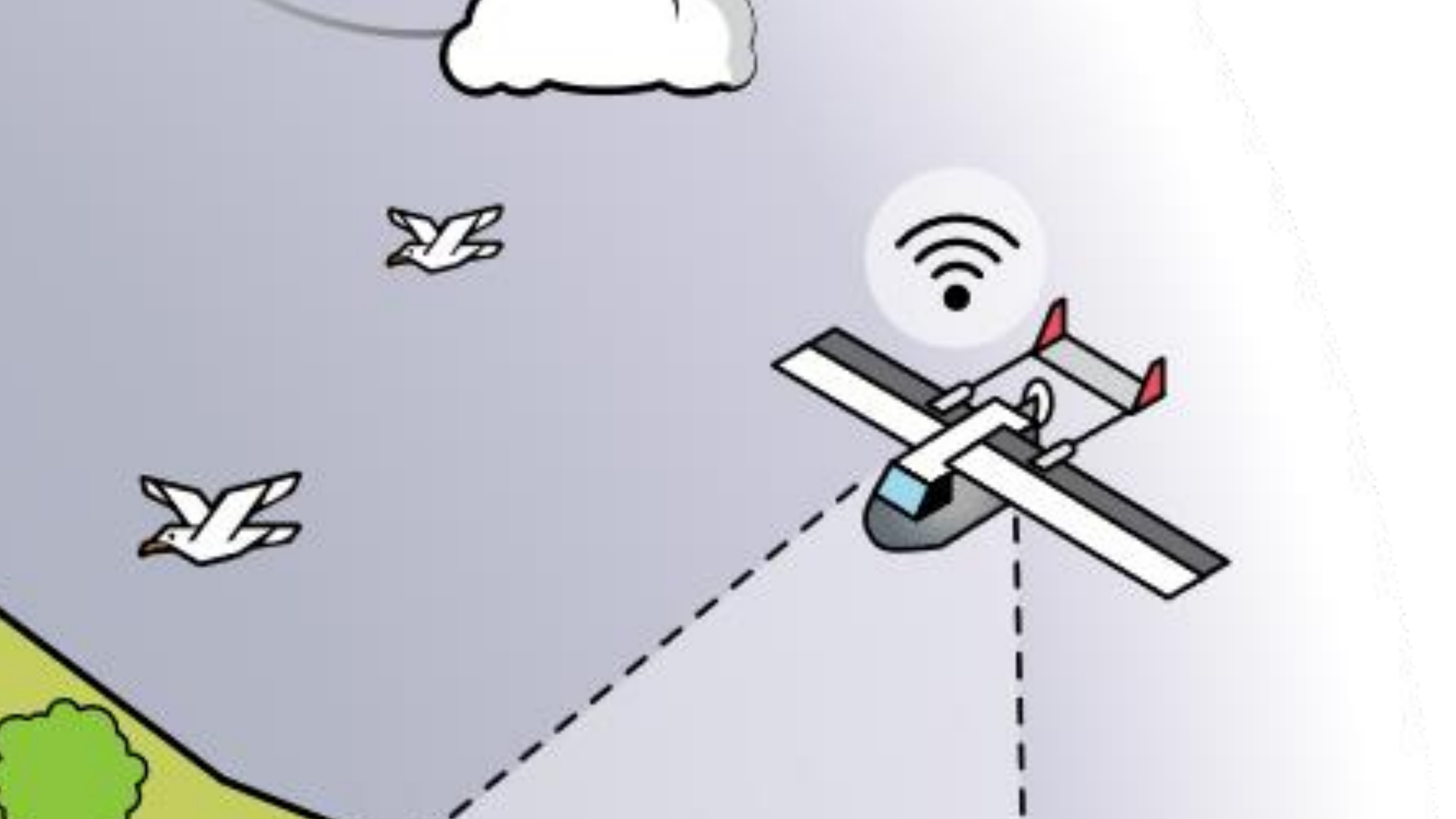


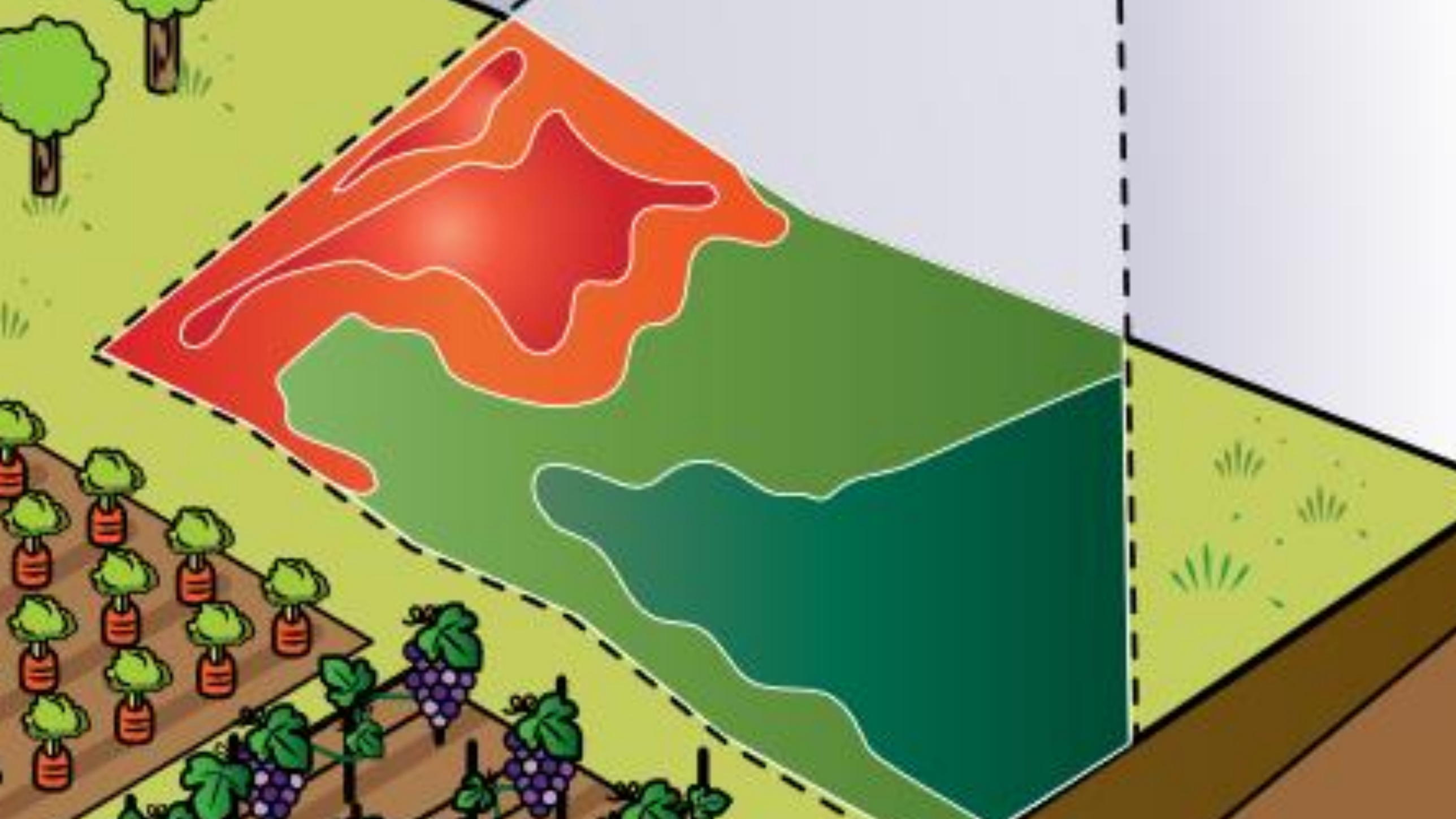
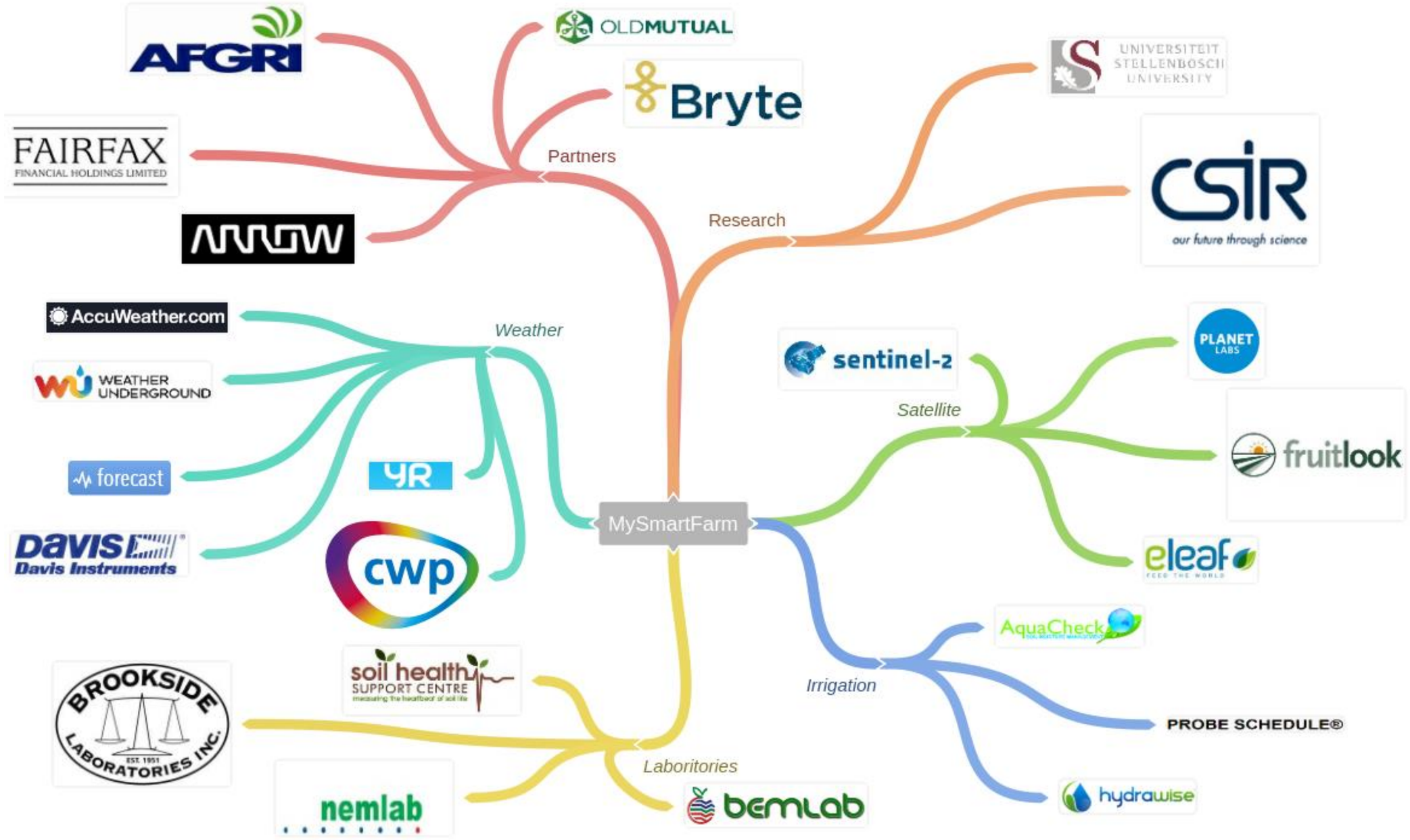


Connected farm - Mass-data collection









Our Network of Partners & Technologies