

HECTO DRONE

Current drone solutions and their shortcomings

Electric drones

- Low flight time
- Human interaction, for battery swap/charging
- Low lifting capabilities
- Heavy if scaled up



Tether drones

 Unlimited flight time, but limited maneuverability and range



Hybrid drones

 Improved flight time, and lifting capabilities.
But still requires human interaction



Our solution

Self fueling hybrid drone

- 25 kg for 1 hour
- 1 kg for 10 hours.
- Automatic refuel
- 4g/5g
- Power to X



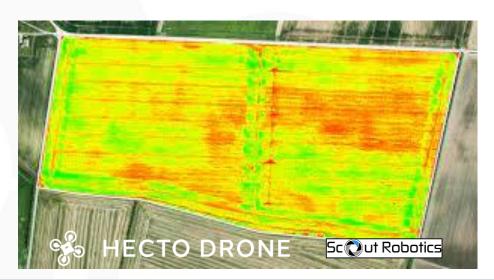


Video Link: Youtube





NDVI kort



Ukrudtskort



Spraying

Recommended spray

Data collection/analysis

Farmer confirmation

Empty

The drone returns to the dock, and uploads all data to the cloud.

Refill - (start)

The drone refills itself in the docking station. The dock mixes different plant protection and water when injecting the drone.

Spraying

Spray cycle

The drone flies to and sprays the designated area, while it records all data Done



Questions?

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