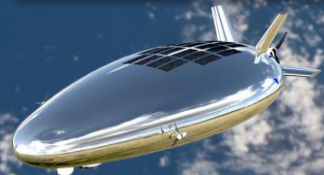
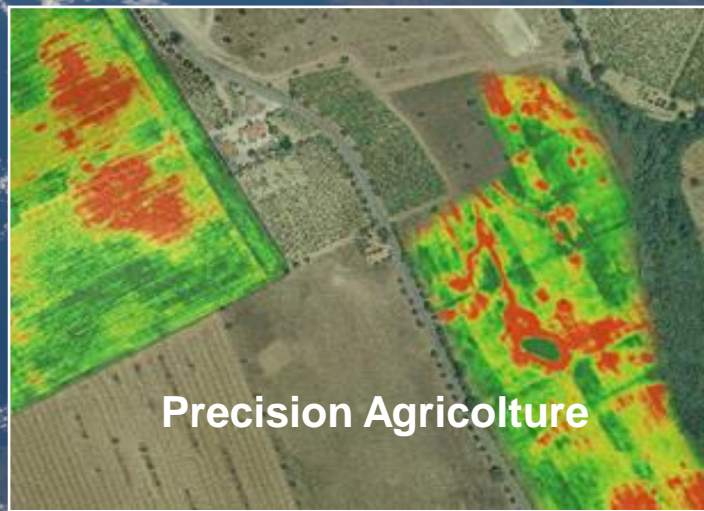
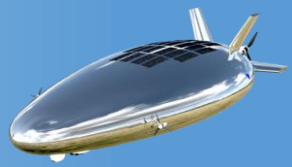
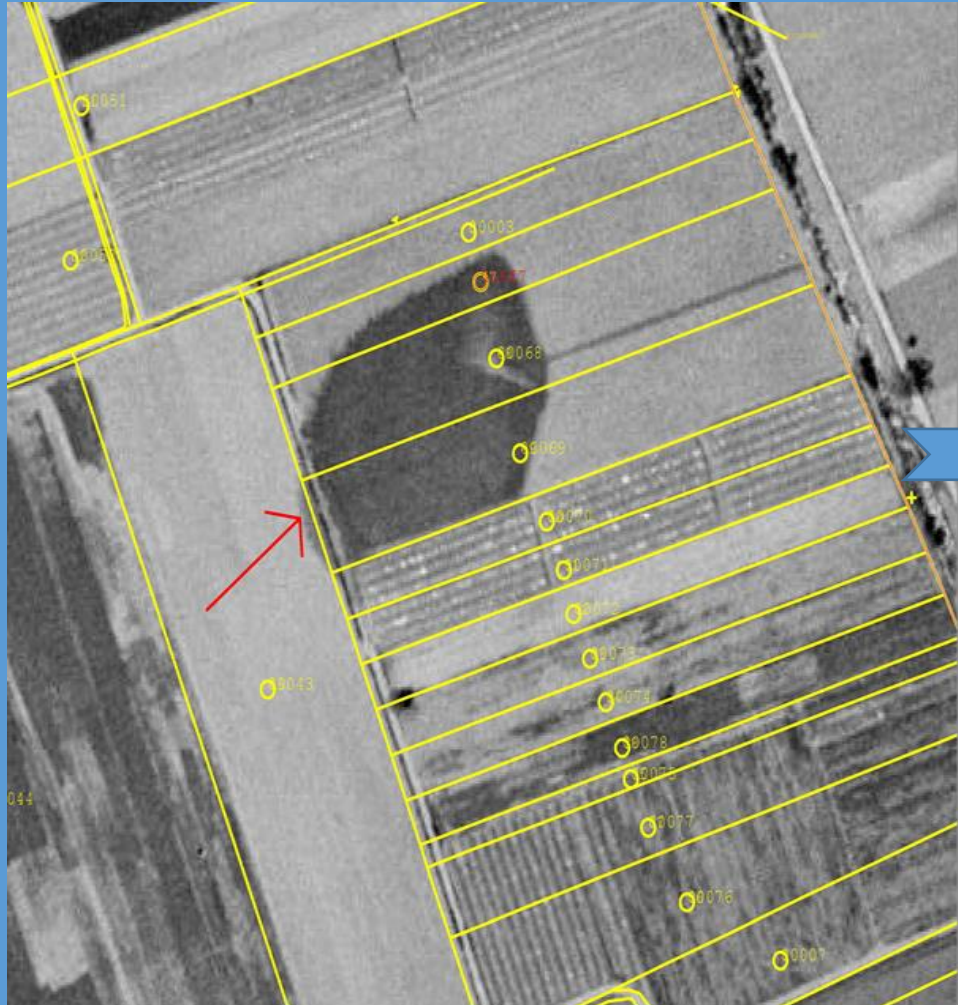


# Haps – Application Fields

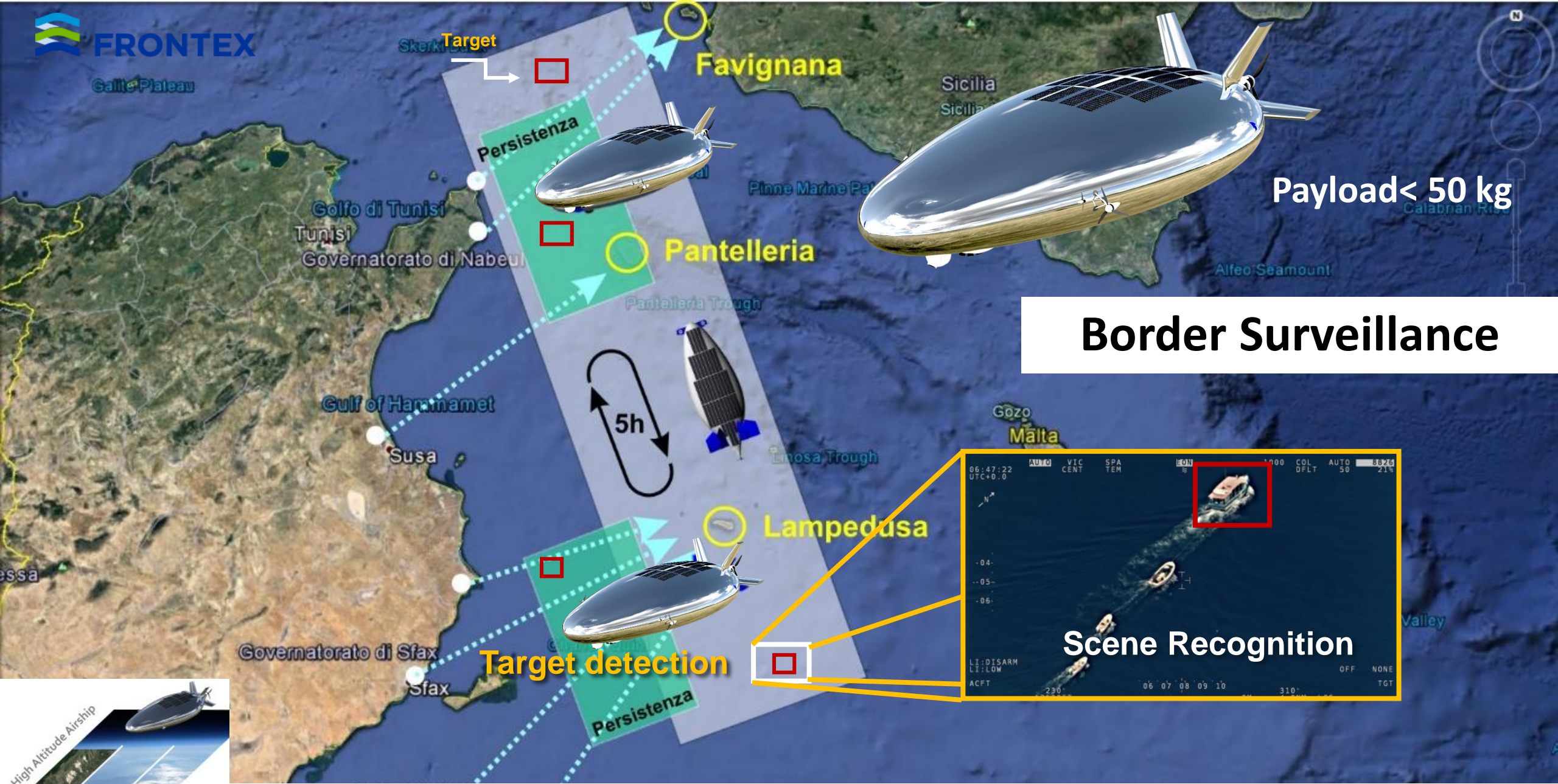




## Persistence & Proximity





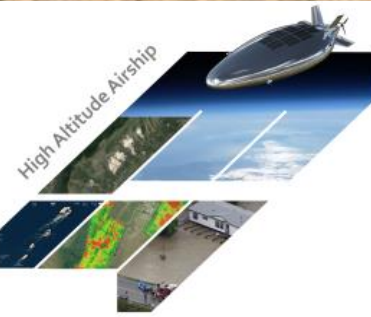


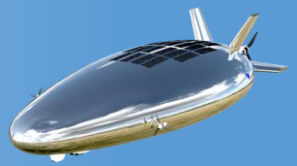
# Border Surveillance

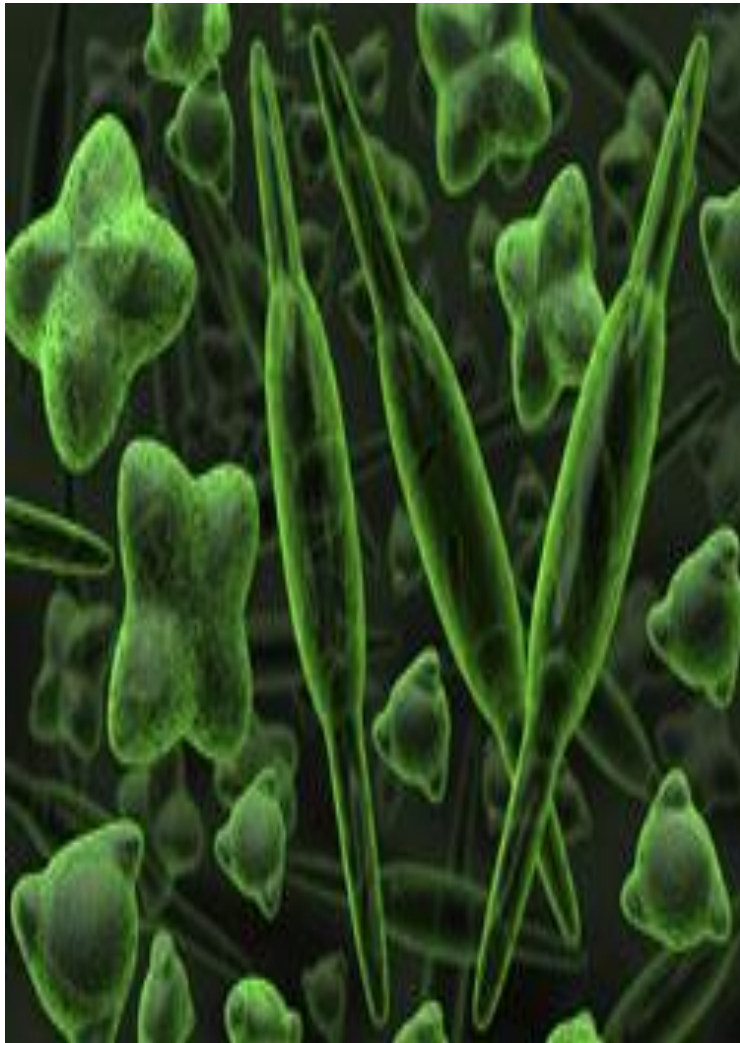
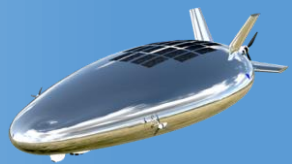
## Scene Recognition



Dual use and integration of HAPs

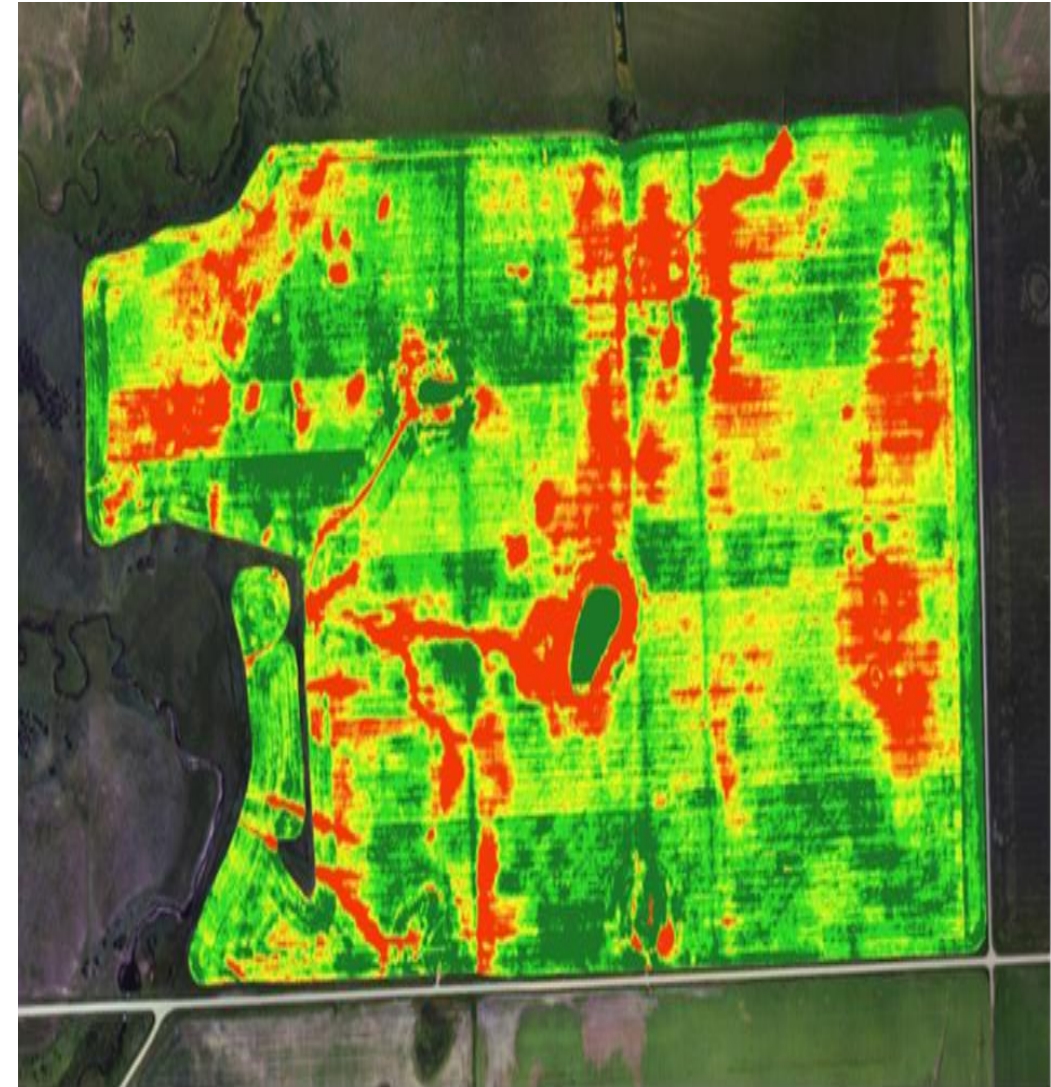


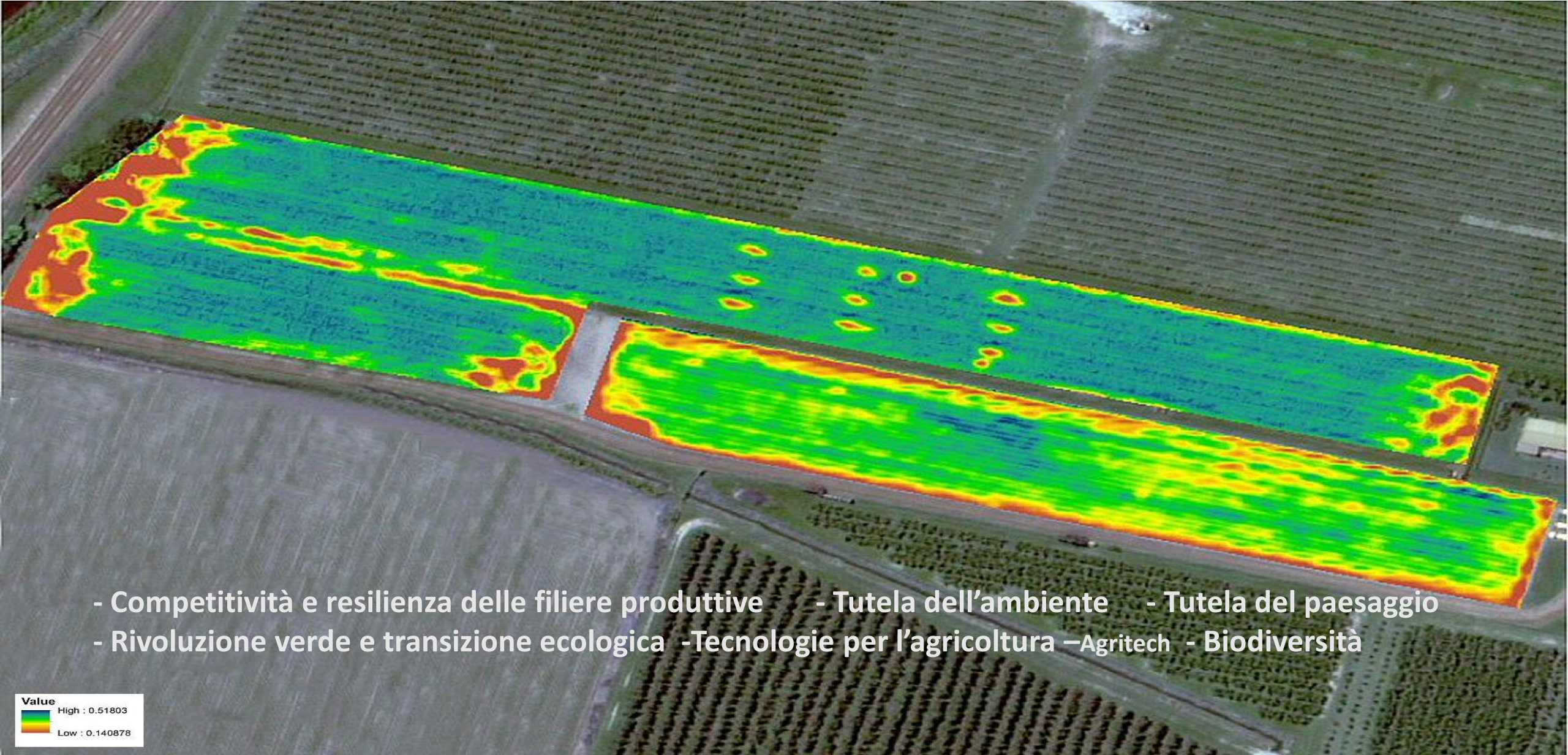
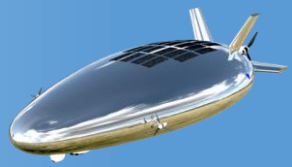




## Haps e Biospace

- Basarsi sulla capacità del biota di funzionare come "sentinella".
- Utilizzare, cioè, la capacità di alcuni organismi di avere risposte sistematiche in presenza di sostanze patogene (come cromo, diossina, piombo, cadmio, antimonio, rame, zinco, etc).
- Classificare le alterazioni in fluorescenza o nelle caratteristiche cromatiche, e/o dimensionali degli organismi.





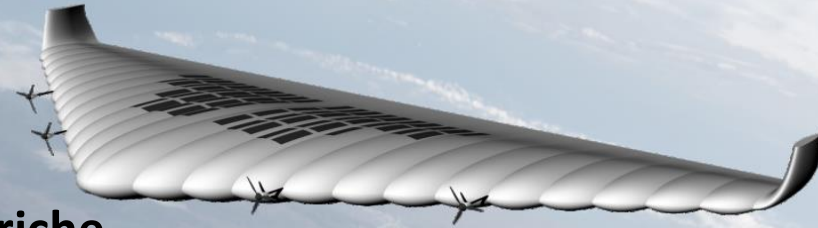
- Competitività e resilienza delle filiere produttive
- Tutela dell'ambiente
- Tutela del paesaggio
- Rivoluzione verde e transizione ecologica
- Tecnologie per l'agricoltura - Agritech
- Biodiversità



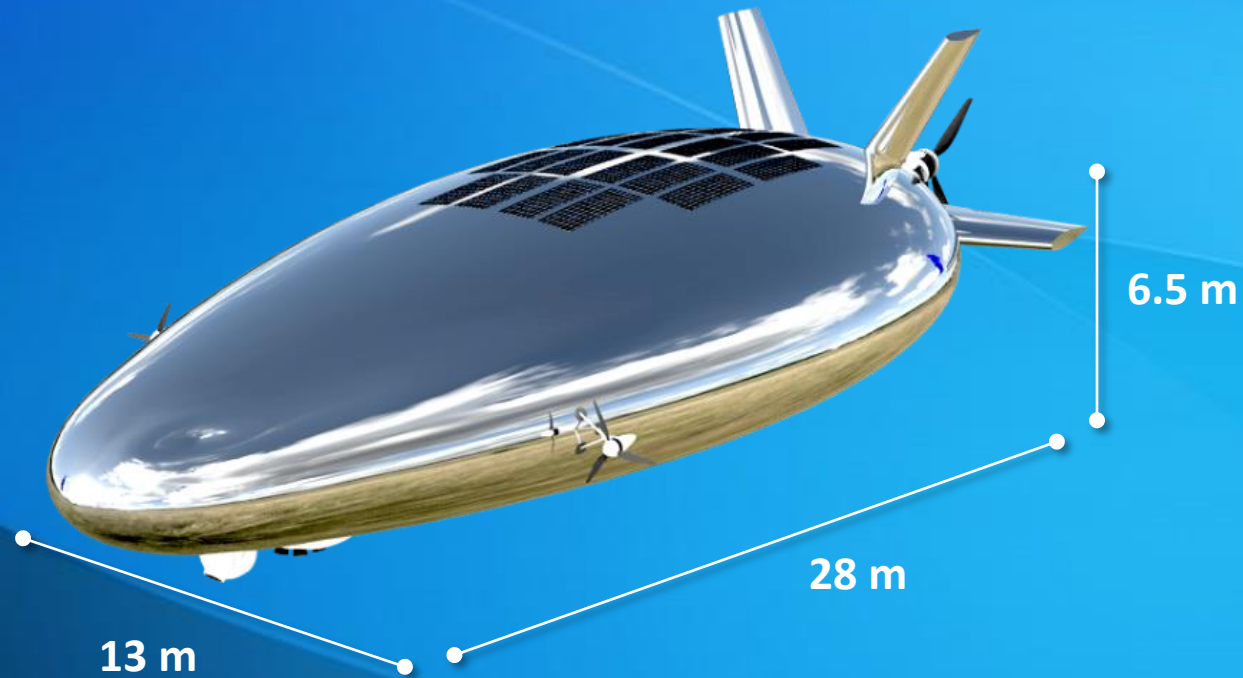


**Valorizzare il vantaggio competitivo nazionale nei settori complementari delle piattaforme stratosferiche e delle applicazioni biospace anche basate su una tradizione italiana d'eccellenza nel campo della botanica e della biochimica.**

**L'Osservazione della Terra è ad un cambio di paradigma.**



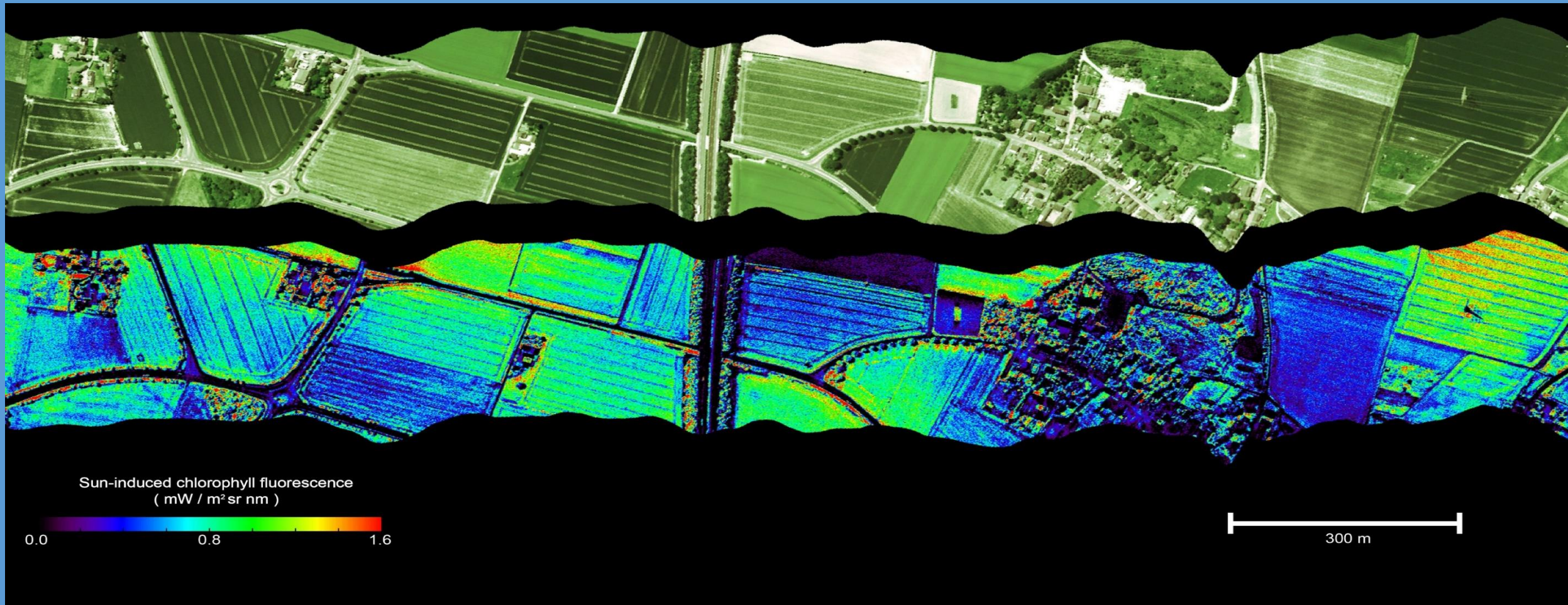
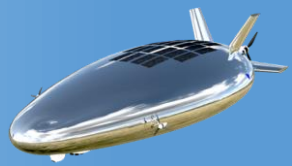




## Tactical Platform

MTOW	150-200 kg
Cruise Speed	16 m/s
Max Speed	30 m/s
Payload	25 kg
Endurance	Months
Latitude	up to 40°
Altitude	18 km
Time to 18km	2 h

**Proximity and Persistence** are about to open a new era of earth observation. A revolution that goes far beyond the near real time, which will enable new applications and new styles of governance in many sectors



- Competitività e resilienza delle filiere produttive
- Tutela dell'ambiente
- Tutela del paesaggio
- Rivoluzione verde e transizione ecologica
- Tecnologie per l'agricoltura –Agritech
- Biodiversità