

SMARTHAPS



HIGH ALTITUDE PSEUDO-SATELLITES (HAPS)

Lighter than air vehicle with good-enough satellite capabilities:

- **Enough altitude** (20 km) to cover wide areas of interest (AOI).
- **Autonomous** and powered by solar energy.

And important advantages:

- **Persistence.** Continuous monitoring of an AOI for months.
- **Very High Spatial resolutions**, x25 closer than satellites.
- **Recoverable** for maintenance and upgrades.

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TETHERED BLIMPS

- Length: 6 meters
- Typical altitude: 100 - 300 meters
- Payload weight: 6 - 10 Kg
- Continuous flight time: 5-10 hours
- Current payload:: gyrostabilized optical camera



Looking for developers of small
payloads for agriculture, surveillance
and fire detection applications

