

The 7th NANO-SATELLITE SYMPOSIUM

and

The 4th UNISEC-Global Meeting

18-23 OCTOBER 2016, KAMCHIA, BULGARIA

Micro/nano/pico Satellites: Innovations in Architecture, Technologies and Players

**Group 1: The role of small satellite in the future of Earth
Observation**

Topic Explanation

Presenter: Alice Pellegrino

Group Discussion number 1

Topic: The role of small satellite in the future of Earth Observation

Moderator: Alice Pellegrino, Sapienza – University of Rome

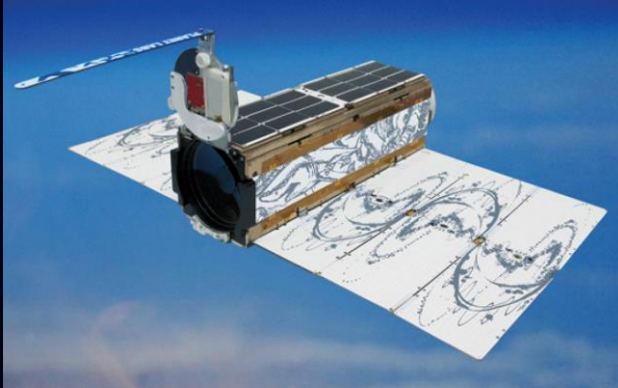
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Why formation flying are needed?

FLOCK of DOVES
PLANET LABS

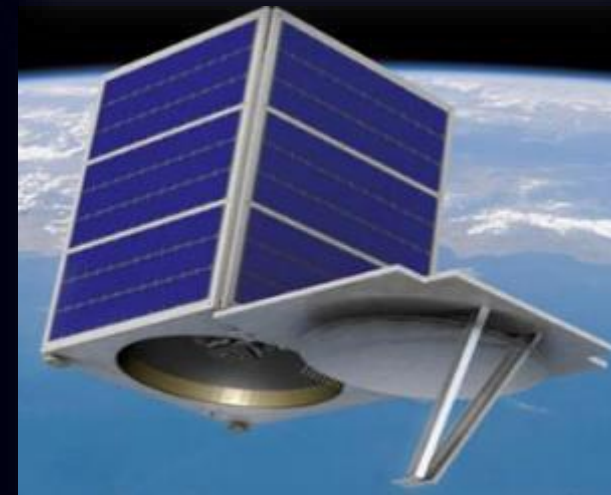


Low cost
mission

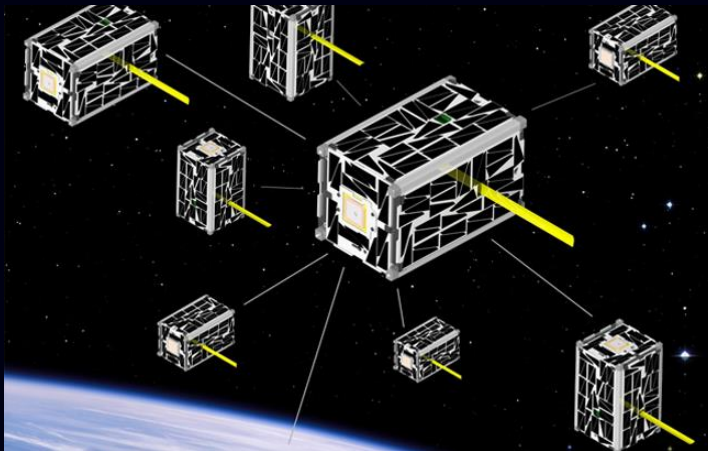
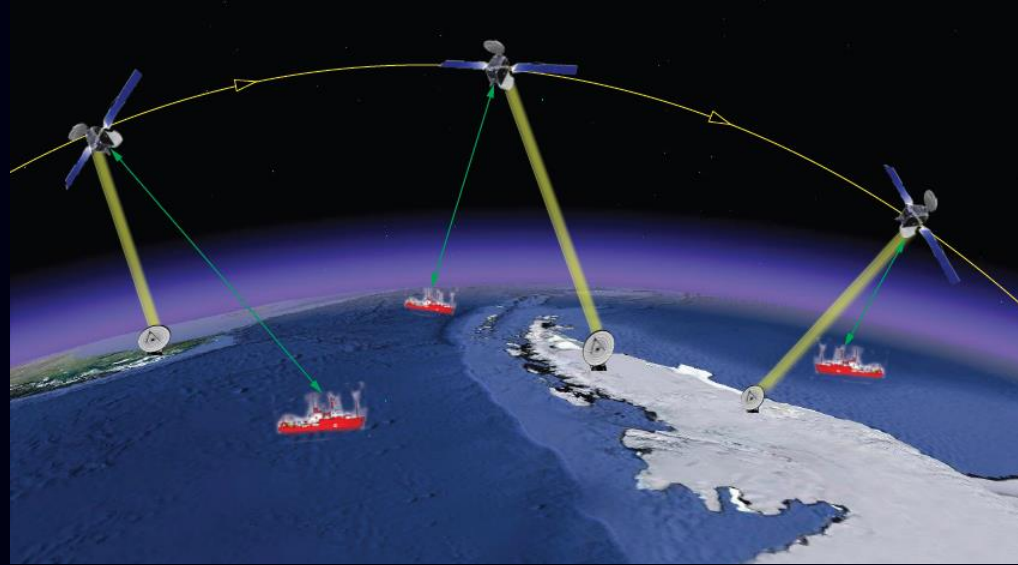
Nadir-pointing
cameras

High resolution
imagery

SkySat constellation
Skybox imaging + Google



Different types of formation flying architecture



What is the next step?

Let's find the
answer together!