



DEFENCE AND SPACE

1st Access to Space for All Expert Meeting Office for Outer Space Affairs (Online 15-17 May 2023)

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and Affiliate Organizations

AIRBUS

Collaboration between UNOOSA and Airbus Defence and Space based on a Memorandum of Understanding signed in 2018

Provision of Access to Space for All by:

- All-in-One Space Mission Service on Bartolomeo
- Capacity Building in Usage of Earth Observation Satellite Data

Presenting an Overview on the Achievements of the past 5 years:

- Announcement of Opportunity in 2019 for one experiment on the International Space Station
- Trainings provided // Recommended Practices
UN-SPIDER Knowledge Portal

Call for Opportunity with UNOOSA: Access to Space for All

By providing the opportunity to deploy a mission developed at *educational or research institutions from developing countries* which are United Nations Member States, Airbus provides support to UNOOSA for raising awareness of the role that **space science and technology** plays in promoting sustainable development and contributes to building capacity in space science and technology.

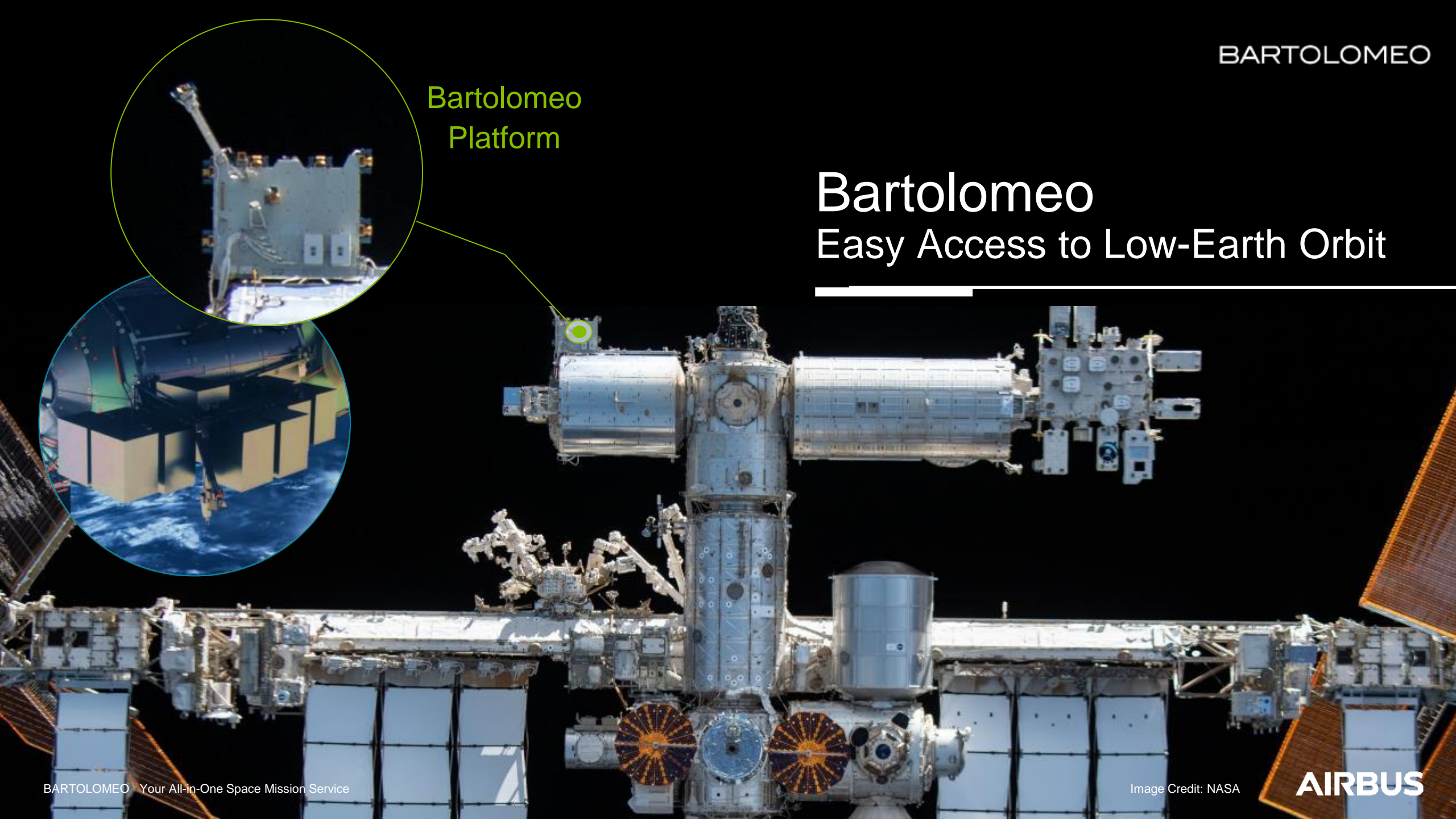
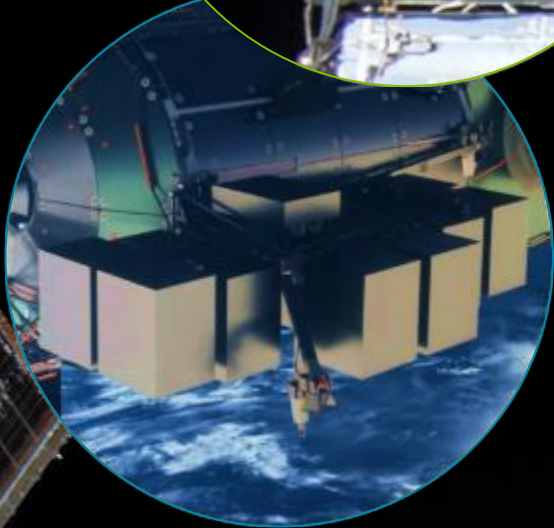
Selection based on the **scientific and technical value** of the Mission, as determined by either:

- The Mission's expected *contribution to developing human knowledge and capacity* to undertake activities in the field of space science and technology; or
- The Mission's expected *contribution to enhancing research and development* through the technological demonstration of developing and operating the Payload; and/or
- The Mission's expected *contribution to the Sustainable Development Goals*

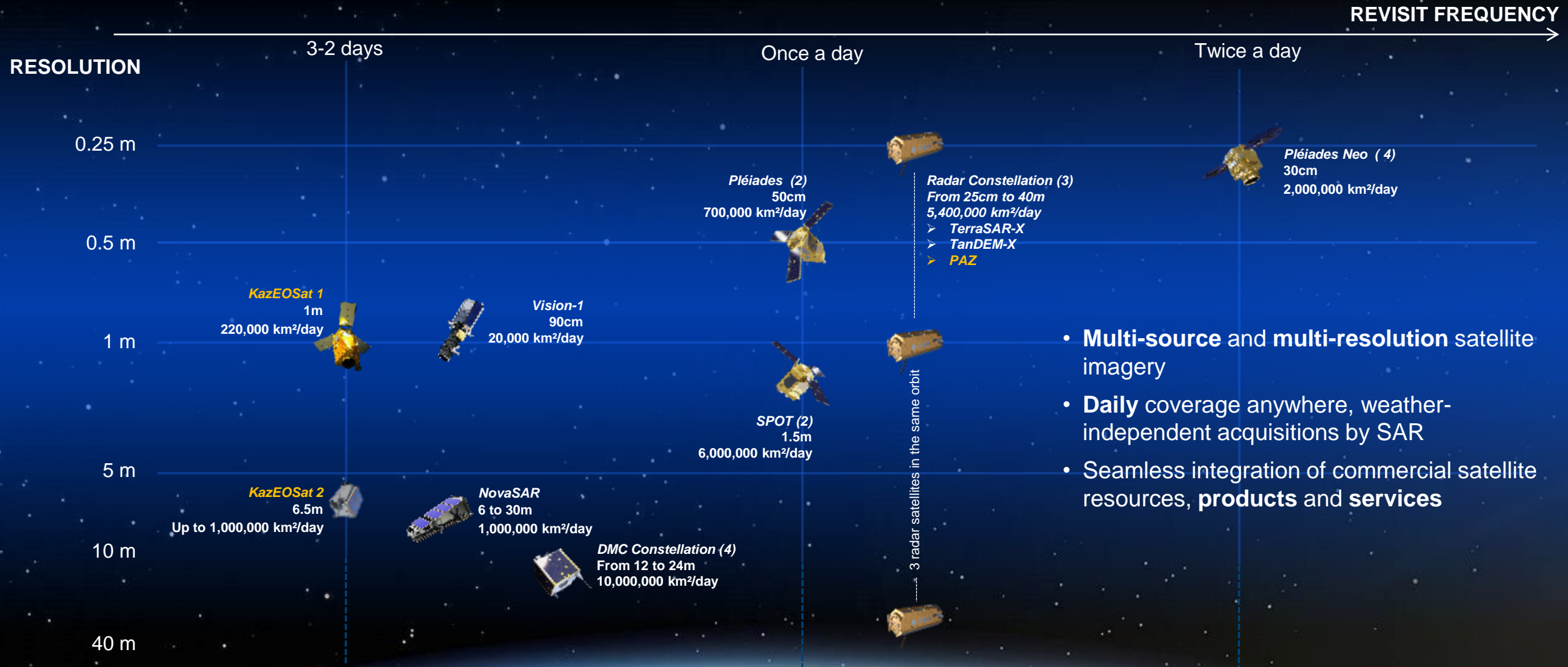
Bartolomeo
Platform

Bartolomeo

Easy Access to Low-Earth Orbit



Capacity Training on Airbus Defence and Space's extensive Imagery Solutions



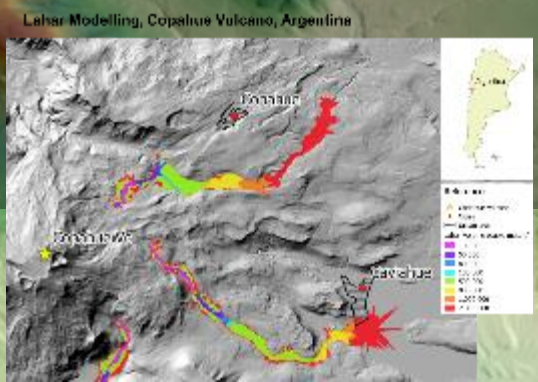
- **Multi-source** and **multi-resolution** satellite imagery
- **Daily** coverage anywhere, weather-independent acquisitions by SAR
- Seamless integration of commercial satellite resources, **products** and **services**

Capacity Building with the UN-Spider Office

Online & Physical Trainings conducted during Regional Support Offices Meetings to institutional and private entities.

Developed practices in collab. with UNOOSA partners:

- Flood Hazard Assessment with SUPARCO (Pakistan)
- Use of Digital Elevation Data for Storm Surge Coastal Flood Modelling with NADMO (Ghana)
- Flood maps to enable first aid to land in safe airfield (Nigeria)



July 18th 2021 - UNOOSA Regional Meeting (2021) Airbus Defence & Space. Privacy information. Not for publication.

Coastal flooding simulation, Accra West, Ghana

- Open source GIS software
- Easy handling
- Applicable for all DEM data

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<https://www.un-spider.org/advisory-support/recommended-practices>