CONAE & the Argentine Space Plan in Earth Observation

Raúl Kulichevsky
Executive & Technical Director
CONAE

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CONAE’s Main Activities

- SATELLITES
- GROUND STATIONS
- ACCESS TO SPACE
- PROCESS & DISTRIBUTION OF SPACE BASED INFORMATION
- EDUCATION & CAPACITY BUILDING
The Argentine National Space Plan

- 10 years strategic plan, periodically updated.
- It governs the activity and projects of CONAE uninterruptedly since 1994.
- Go to Space to Observe the Earth
- Make decision-making more efficient in the public and private sectors
- National technological development
The Argentine National Space Plan Foundations

- Education & Capacity Building
- Cooperation with R&D institutions
- Hi-Tech & Industrial Development
- International Cooperation.
CONAE & EARTH OBSERVATION OBJECTIVES

- Environment
- Production
- Social
- Security & Emergencies

STRATEGIC AREAS

- Water
- Land
- Weather & Climate

BENEFIT AREAS

- Agriculture & Forestry
- Fishing
- Mining
- Energy
- Health
- Territorial Planning
- Security
- Emergencies
CONAE in Space
CONAE activities contribute to different Sustainable Development Goals

Industry, Innovation, Infrastructure, Education, Gender Equality, Jobs opportunities for youth, Climate Action, Emergencies......
CONAE & International Initiatives

Provide information to support Argentine commitments in International Treaties and participation in International initiatives

UNFCCC

SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

UN-SPIDER
www.un-spiderc.org

SUSTAINABLE DEVELOPMENT GOALS

ALCE

PAMPA AZUL
BUILDING AN ALL ATLANTIC OCEAN COMMUNITY
Implementing the Belém Statement

ANTCHOOR

Antarctic Treaty

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SAOCOM Mission

- Two Satellites with an L-Band SAR Instrument
- Orbit: 619.6 km
- Near Polar Sun-synchronous frozen orbit, 06:00 am ascending node
- 35 m² SAR Antenna Radiating Surface
- 3000 kg satellite mass
SAOCCOM Mission Contributions in International Emergencies

Contributions to The International Charter Space and Major Disasters during 2019-2021: 60 activations, 26 countries, 491 SAOCCOM products

Other emergencies contributions:
- Mexico (AEM)
- Guatemala (SPIDER)
- Honduras (United Nations)
- Colombia (Ship Search & Rescue)
- Congo (volcanic eruption, CEOS)
- Chile (aircraft search)
- Australia (fires)
- Indonesia (volcanic eruption, CEOS)
Thank you very much for your attention

https://www.argentina.gob.ar/ciencia/conae