Capacity Building for a Nascent Space Industry

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Key Development Areas

- National Security & Development
- Space Research & Development
- Hazard Management & Climate Studies
- Space Industry Capacity Building
- Space Education & Awareness
- International Cooperation
- Key Development Areas

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Republic Act 11363 “The Philippine Space Act” is signed by the President

PhilSA Mandate

The primary policy, planning, coordinating, implementing, and administrative entity of the Executive Branch of the govt that will plan, develop, and promote the national space program in line with the Philippine Space Policy.
Recent History and Status Quo of the Philippine Space Sector

Diwata-1 2016-2020

Diwata-2 2018-present

Maya-1 2018-2020

Maya-2 2021-present

Maya-3 2021-present

Maya-4 2021-present
The Potential Philippine Space Sector

2021 Philippine Product Exports

$74.6B

- Electronics: $61.5B (61.5%)
- Metals and Non-Metallic Mfg: $8.4B (8.4%)
- Others: $20.1B (26.9%)
- Transportation: $3.2B (3.2%)

2021 PRODUCT EXPORTS $74.6B

Others: 26.9%
Transportation: 3.2%
Metals and Non-Metallic: 8.4%
Electronics: 61.5%
Guiding companies through space technology training

Local Aerospace and Precision Manufacturing Industry

Local Automotive Industry

Local Electronics Design, Manufacturing Industry

Space Systems Course

Hands-on Training

Local production of commercial satellites

InDUS3US Activities

Philippine Space Systems Standards

Space-adjacent Sectors
Building a local space ecosystem

Inclusive SSTA Knowhow Utilization, Exchange, and Localization Activities (ISKUEL A)

**UPSTREAM:**
BUILD, BUILD, BUILD in SPACE (B3iS)

- ACQUIRE TECHNOLOGY & KNOW-HOW
- DESIGN & BUILD OUR OWN
- TRANSFER TECHNOLOGY & KNOW-HOW
- STIMULATE NEW MARKETS FOR SPACE-ADJACENT INDUSTRIES

**DOWNSTREAM:**
SPACE DATA MOBILIZATION

- ASSESS GAPS & NEEDS
- DEVELOP PRODUCTS & DELIVER SERVICES
- TRANSFER TECHNOLOGY & KNOW-HOW
- ENABLE ADOPTION OF PROCESSES & OPERATIONS

Continued development of the

NATIONAL SSTA INFRASTRUCTURE

Towards a Space Capable and Space Faring Nation

*PhilSA DG Report: PhilSA ISKUEL A*
Our Vision
The PhilSA envisions a Filipino nation bridged, uplifted, and empowered through the peaceful uses of outer space.

Our Mission
We will promote and sustain a robust Philippine space ecosystem that adds and creates value in space for and from Filipinos and for the world.

Thank you. Maraming salamat.