

Latin American and Caribbean Space Agency (ALCE)

67th session of the Committee on the
Peaceful Uses of Outer Space



GOBIERNO DE
MÉXICO

RELACIONES EXTERIORES

SECRETARÍA DE RELACIONES EXTERIORES

Background



CELAC
Comunidad de Estados
Latinoamericanos y Caribeños



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Mexican *Pro Tempore* Chairmanship of CELAC

- The Community of Latin American and Caribbean States (CELAC) **first space meeting was held in 2020**, under the *Pro Tempore* Chairmanship of Mexico.
- It laid the **basis foundation** for the creation of a regional space agency.
- Mexico led the international efforts to establish the **Latin American and Caribbean Space Agency (ALCE)**, as the negotiation process began with eight countries.



ALCE Agreement



- The opening for signature of the Constitutive Agreement was one of the achievements of the VI Summit of Heads of State and Government of CELAC, held in September 2021 in Mexico City.
- As of today, the ALCE Agreement has been **signed by 21** countries and **ratified by 9**.
- **11 ratifications are needed for its entry into force.** This process is projected to be completed by this year.





Status of signature and ratification



Antigua and Barbuda	Haiti
Argentina	Honduras
	Mexico
Belize	Nicaragua
Bolivia	Paraguay
Costa Rica	Panama
Cuba	Peru
Dominica	Saint Kitts and Nevis
Dominican Republic	Saint Vincent and the Grenadines
Ecuador	Saint Lucia
Guatemala	Venezuela



Objectives

- ✓ Coordination between **member States**.
- ✓ Collaboration with **national, regional and international institutions** with an impact in the space domain.
- ✓ Strengthen the **space capacities** of its Member States, and the development of **own satellite technology** for the region.
- ✓ Collaborative **use of the information** derived from Earth observation, especially regarding **climate change** and its effects.
- ✓ Advance the **role of women** in space activities.



for the **benefit of Latam** population.

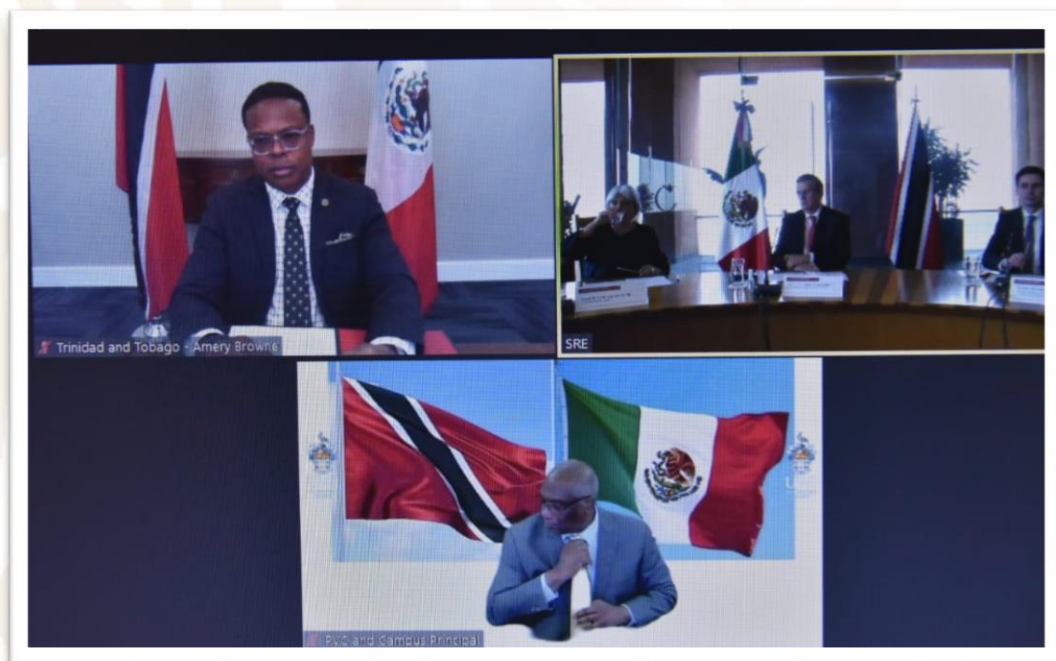




Geospatial Observation Center at UWI, Trinidad and Tobago

Within the framework of ALCE, **Mexico founded and financed the Geospatial Observation Center (GOC)** in cooperation with the National Institute of Statistics and Geography (INEGI), the Ministry of Foreign Affairs of Mexico and the University of West Indies, in Trinidad and Tobago.

The GOC **generates remote geospatial information** accessible and free of charge for the entire Caribbean region.





GOC key components and launch

Investment in
infrastructure

Training of specialists in
the region



Diffusion of
activities of the
GOC

The GOC was launched on February 20th, of this year with a training program.

The information provided by the Center can be applied for slum area and agricultural land use identification, new settlement recognition, and sargassum tracking, thus providing information for **decision-making**.

STRENGTHENING GEOSPATIAL CAPACITIES IN THE CARIBBEAN

Capacity Program **Module 3**

WEBINAR 8

THE GEOSPATIAL OBSERVATION CENTRE @ UWI: OVERVIEW AND NEXT STEPS

Prof. Bheshem Ramlal, Project Coordinator

Logos: INEGI, GOBIERNO DE MÉXICO, RELACIONES EXTERIORES, UWI

Participants: Gabriela García Secco, Mexico, Bheshem Ramlal



WOMEN IN THE SKY

Goals

Visibility, representation and positioning of women in the areas of STEM, particularly in aerospace and aeronautics.

Achievements

- ✓ 50 women (17 countries)
- ✓ Aeronautical University of Querétaro
- ✓ International Cooperation programme of the **Mexican Agency for International Development Cooperation (AMEXCID)** and **ALCE**.



AMEXCID



3rd edition of Women In The Sky



The call for applications to the **3rd edition** of Women in the Sky Programme **is open**.

This edition is open to applications from women of the following countries:

Argentina

Brazil

Colombia

Costa Rica

El Salvador

Paraguay

Peru

Uruguay

Dominican Republic



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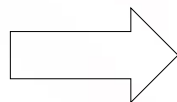
Cooperation with extra-regional actors

Since the opening for signature of ALCE, the **European Union** (EU) indicated its interest in exploring areas for cooperation.



European Union

Agreement between the European Space Agency (ESA) and Mexican Space Agency (AEM), with the support of the Ministry of Foreign Affairs of Mexico.



Among its plans: Launch of the 1st **Geostationary satellite for ALCE.**





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