



RECA Educación

Bringing astronomy to every corner of
Colombia

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Felipe Ortiz-Ferreira, Laura Ramírez-Galeano, J. P. Uchima-Tamayo,
Gabriela Valencia, Kevin Villegas.



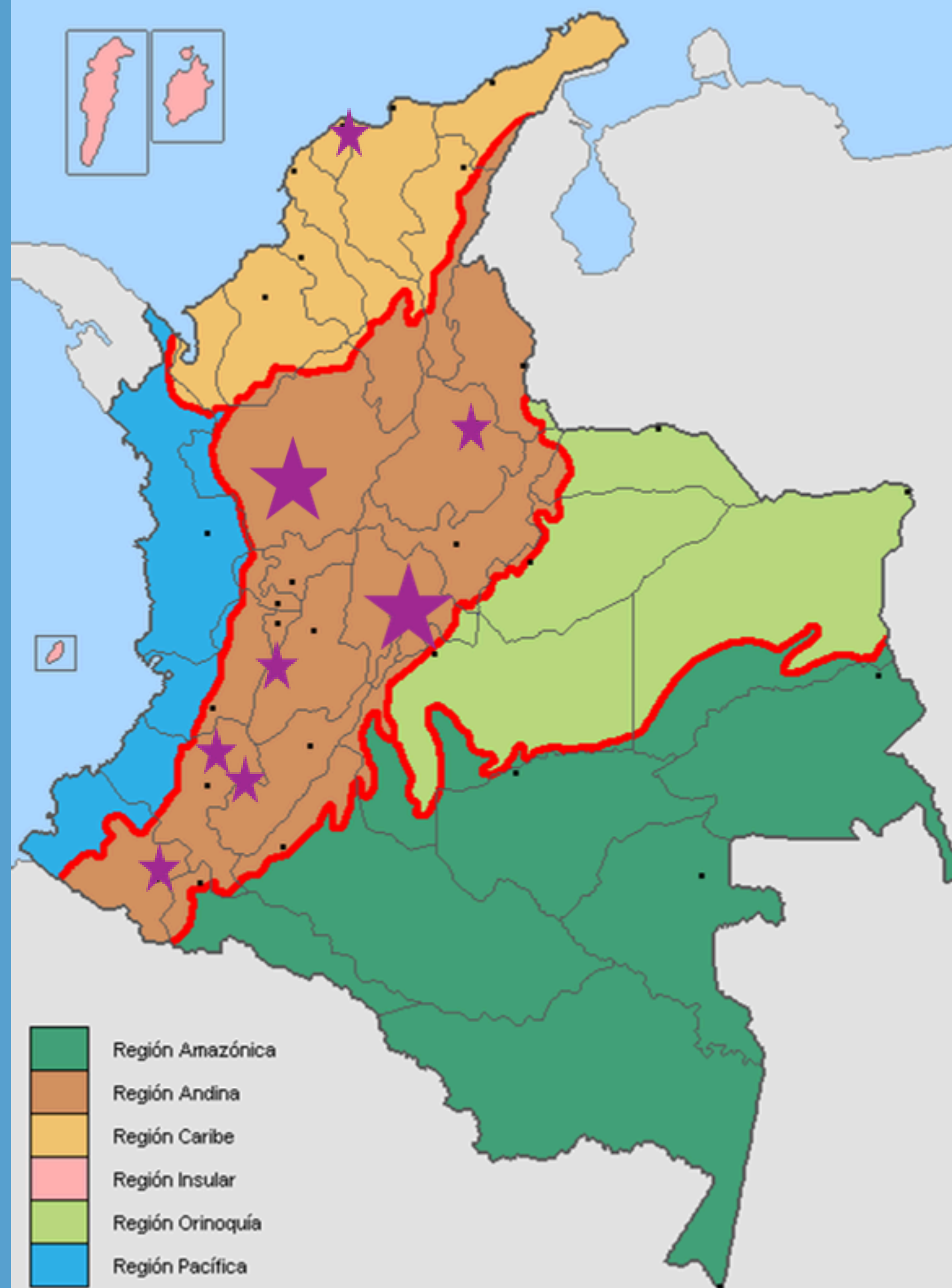
Red de Estudiantes Colombianos en Astronomía



**1 astronomy
undergraduate**

**30
observatories**

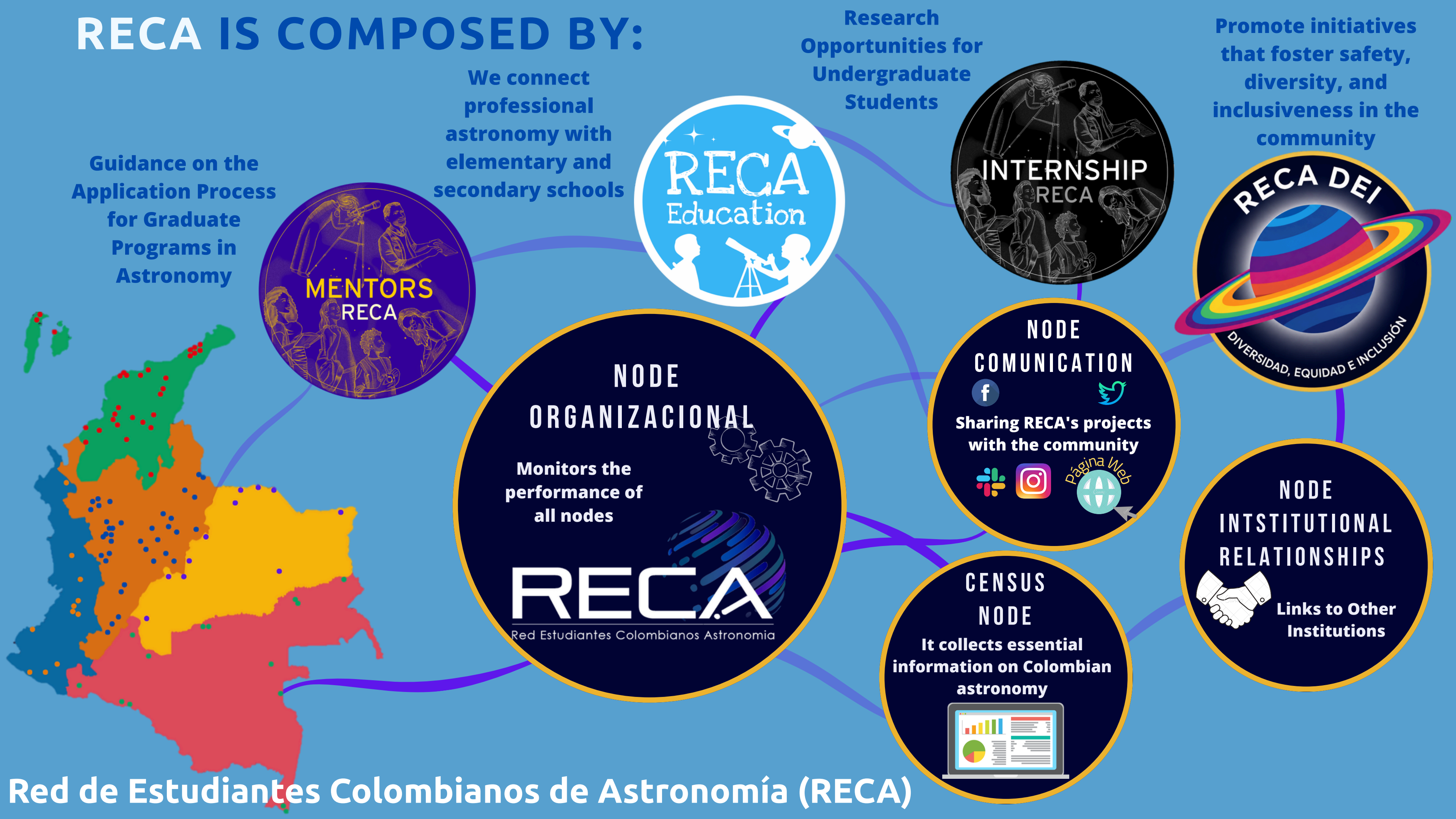
**9
planetarium**



**2 graduate
programmes**

**15
Research
groups (close to
the astronomy
field)**

RECA IS COMPOSED BY:



Red de Estudiantes Colombianos de Astronomía (RECA)

RECA Education Node 2026



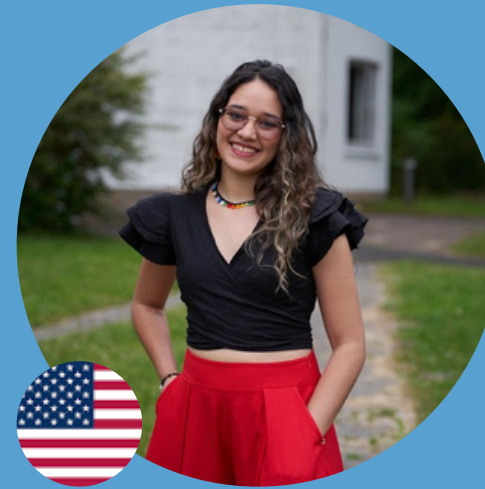
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Universidad Tecnológica de Pereira.

Our projects



**Astronomy goes
to your school**

2021-2026



**Drawing
Contest**

2024



**Art speaks all
languages (LeWiBo)**

2025



**Remote
Observations**

2023-2026



BARCo

2024-2026



**Salomé in
Colombia**

2026...

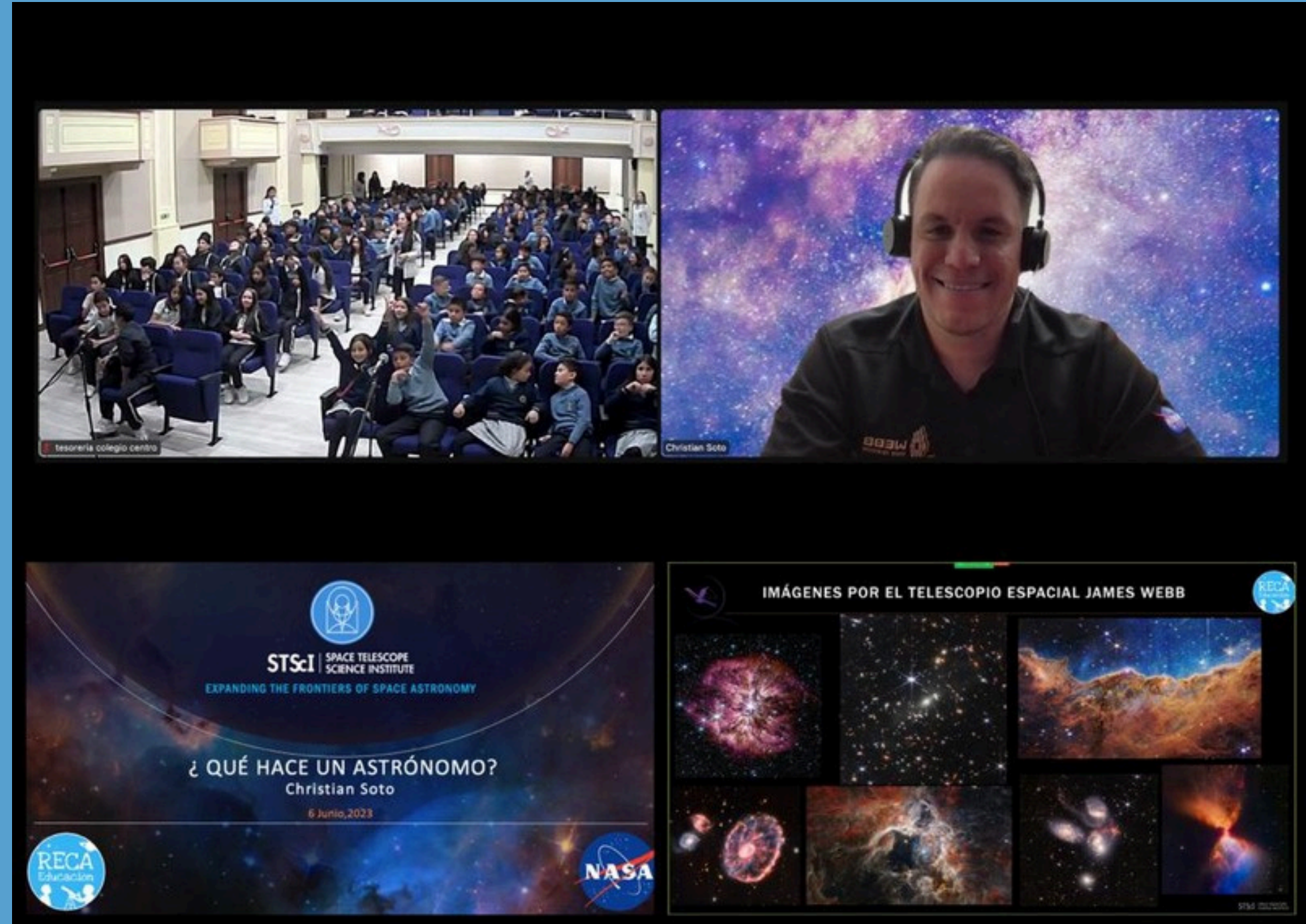
Astronomy goes to your school (2021-2026) •

- To facilitate interaction between high school students and a professional astronomer.
- More than 200 virtual talks and 70 volunteer astronomers.
- Women in science and what astronomers do are the most requested



**Astronomy goes
to your school**

2021-2026





Colab: Shadow The Scientist (2023-2026)



Live remote observations from
Mauna Kea, Hawái (Gemini,
Keck or Subaru telescopes)

**Remote
observations**

2023-2026



Drawing contest(2024)

- 32 participant schools.
- 60 Colombian and Spanish astronomers



Colegios Participantes en Pintando el Universo Concurso de dibujo

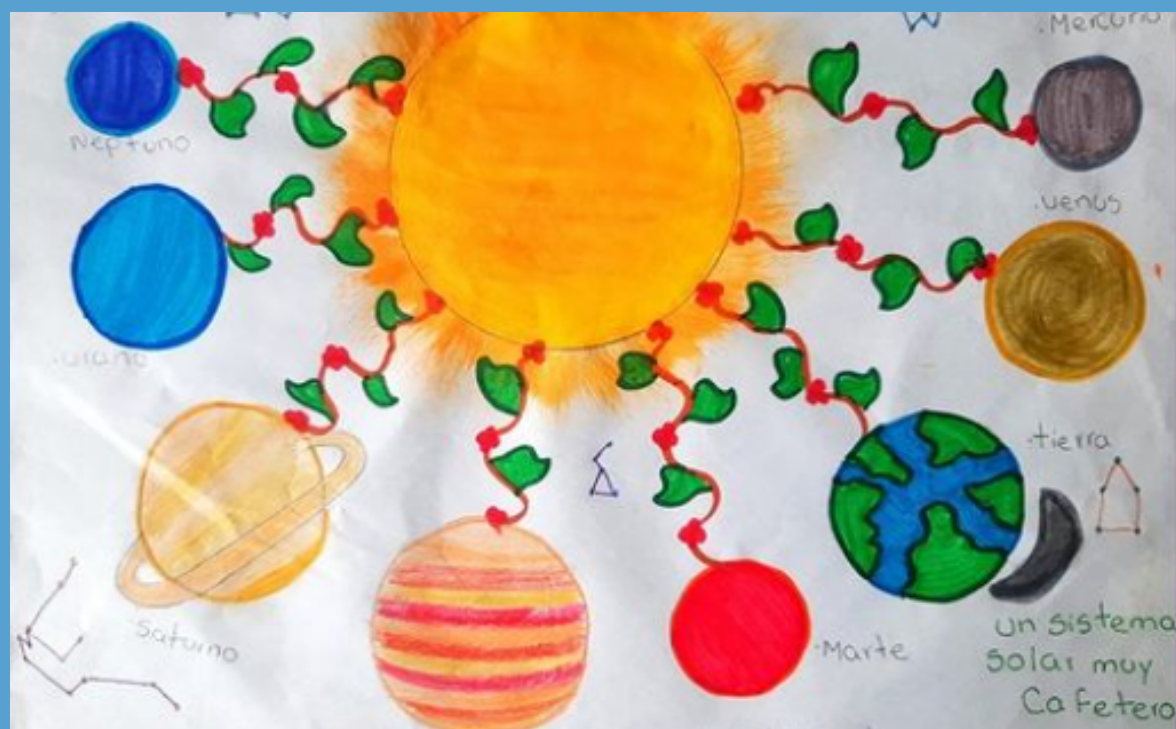


Con el apoyo de:



For this project, we have the support of the Colombian Embassy in Spain and the Colombian Consulate in Madrid.







BARCO (2024)

Bringing Astronomy to Rural Communities of Colombia

We design and adapt 10 activities

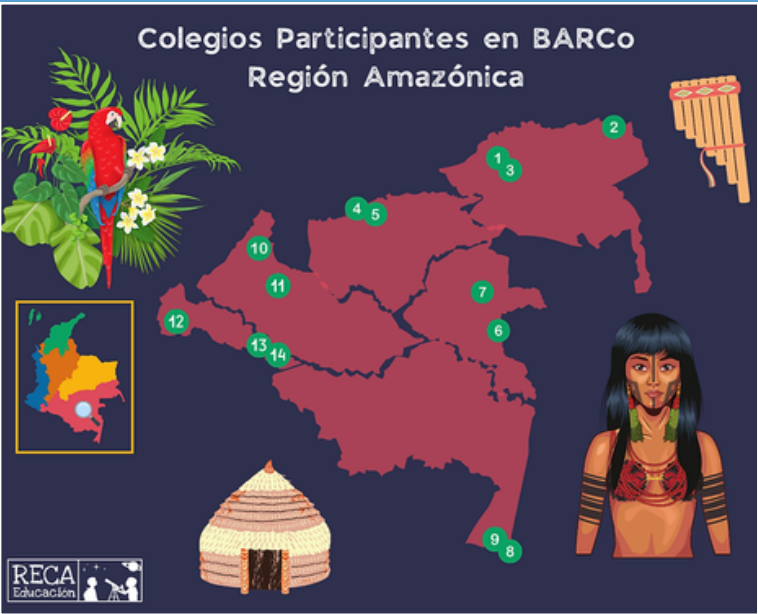
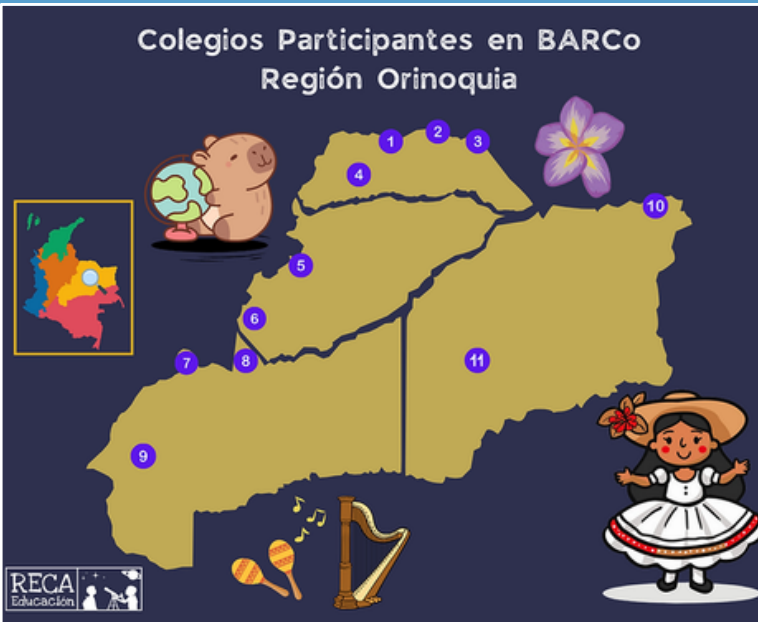
- Colombian astronomy: Lottery game
- Women who inspire: Card Game
- Pedagogical activities (exoplanets, solar system, galaxies and more)

104 kits sent to rural schools in all 32 departments of Colombia.



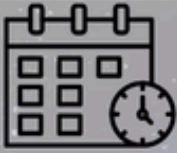


Participant schools

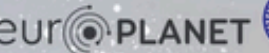


LeWiBo

Lecturers Without Borders

 **EPSC-DPS va a las escuelas Helsinki 2025** 
15 al 19 de Septiembre - Charlas virtuales en ESPAÑOL

Miércoles, 17 de Septiembre 8:30-9:30 am (COL)	Jueves, 18 de Septiembre 8:30-9:30 am (COL)	Viernes, 19 de Septiembre, 8:30-9:30 am (COL)
 Michael Küppers European Space Astronomy Centre European Space Agency (ESA), Madrid, Spain ¿Como desviar un asteroide? El peligro de colisiones de la tierra con asteroides y como prevenir los.	 Miquel Arribas Tiemblo Centro de Astrobiología (CAB, INTA-CSIC) Análogos terrestres: Cómo entender la vida en la Tierra nos ayuda a imaginarla fuera de ella.	 Julia Marín-Yaseli de la Parra Aura Technology - European Space Agency (ESA) Estudio del planeta Marte desde las misiones europeas

- 3 Webinars in Spanish with EuroPlanet astronomers
- Virtual stop-motion (3 schools)
- Stop-motion training for teachers and students





Salomé

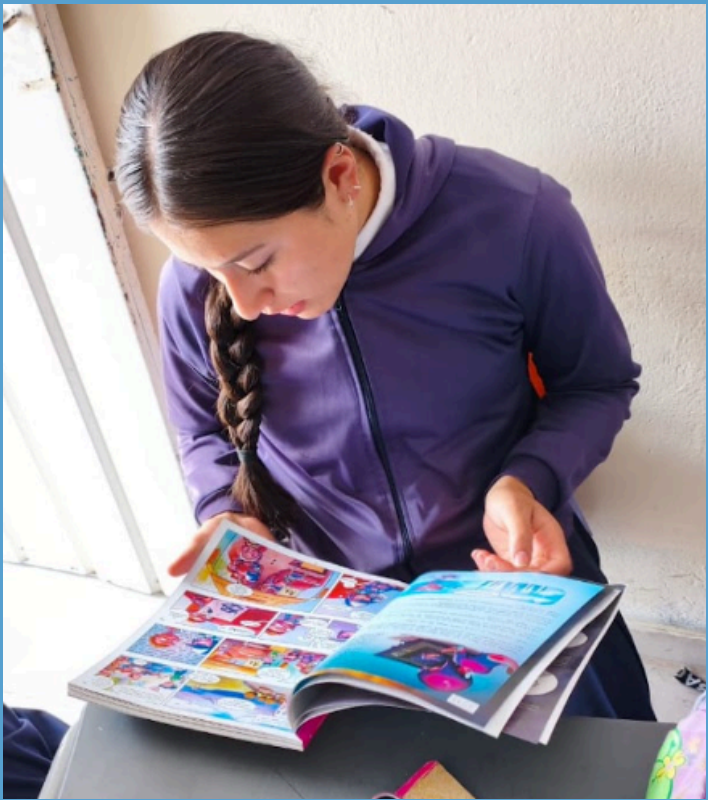
**Exoplanet Investigation & The light
of the desert**



Salomé

- Swiss pedagogical innovation in astronomy for Colombian classrooms.
- Engaging students and teachers in Colombia through Salomé's educational materials.
- Storytelling combined with scientific inquiry to foster curiosity about astronomy and exoplanets.
- 46 schools in Colombia.







RECA was awarded the Europlanet Prize for Public Engagement 2025 in Helsinki. This prize helps to continue activities in 2026



More info:



¡Gracias!

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