Youth Training on Medicine Transportation in Amazon Communities Program

A session of the in-person training

Amazonian students participating in the pilot program

OVERVIEW	
Flying Labs	Peru Flying Labs
Location	District of San Antonio del Estrecho, Putumayo province, Loreto Region, Peru
Date	From November 02, 2022 to November 04, 2022
Length (number of days)	03 days

Sector program (optional)	YouthRobotics
Format	In-Person
Co-organizer if applicable	• Centro de Información y Educación para la Prevención del Abuso de Drogas (CEDRO) • USAID
SDGs	GOAL 3: Good Health and Well-being GOAL 4: Quality Education GOAL 17: Partnerships to achieve the Goal

SCOPE & OUTCOMES	
Type of training	1. Introduction training to drones. 2. Youth/STEM training.
Goal of the training	1. Create drone awareness. 2. Develop drone data acquisition skills. 3. Train and empower youth and the workforce of the future.
Expected outcome for participants	• After finalizing the program, students expected to know how to plan, fly and do basic maintenance of drones in order to transport medicine. • Participants would be able to identify the importance of drone technology in improving the quality of life of their community.
Confirmed outcome after training	• Participants gained basic skills and competencies in relation to drone technology. • Participants not only learned about drones theoretically, but also practically. On the final day of training, a cargo flight took place between the District of San Antonio del Estrecho and Miraflores that are 4.5km apart.
Eventual next steps	This being a pilot project, we aim to replicate the program in other communities from the Amazon that have challenges with their transportation systems.

PARTICIPANTS	
Profiles and number of participants	• 20 school children (12 - 18 years) • Local community members
Name of participants' organizations	20 young students of the community Alianza por la Amazonia program.
Gender ratio	50% Male : 50% Female
Who paid for the training?	Paid by CEDRO and UAV from Peru
Participant fee rate (if applicable)	-
Scholarships offered?	The course was completely free

CONTENT	
Training components	• The training was both theoretical and demonstrative or practical in nature. • The first two sessions were held in a classroom set-up by explaining the uses and the components of a drone in front of the students. • The last session was a demonstration flight for transportation of medicine.
Training resources used	• Drones: PWOne, Mavic 2 Pro, WingtraOne • Devices: iPads • PowerPoint presentation • Flight planning software
Approaches and methods used	There was an exhibition of the equipment to highlight the benefits in the community. The theoretical components covered the legal requirements necessary following the practical flight demonstration.