Remote Pilot Certification Training at Sabodala

A participant taking a practical exam

Theoretical assessment of participants

Introduction to practice sessions

Maintenance training

OVERVIEW	
Flying Labs	Senegal Flying Labs
Location	Kedougou, Senegal
Date	12th - 24th September 2022
Length (number of days)	13 days

Sector program (optional)	EcoRobotics, DevRobotics, and AidRobotics.
Format	In-Person
Co-organizer if applicable	Not Applicable.
SDGs	GOAL 4: Quality Education GOAL 5: Gender Equality

SCOPE & OUTCOMES	
Type of training	• Introduction training to drones. • Technical training of professionals (for example: drone pilot certification and drone data analysis)
Goal of the training	• Develop drone data acquisition skills. • Develop drone data analysis skills. • Certify drone pilots.
Expected outcome for participants	• Mastery of drone piloting. • Ability to integrate drone technology in their work.
Confirmed outcome after training	Each participant received a Professional Remote Pilot Certificate approved by the Civil Aviation Authority.
Eventual next steps	• To conduct training on drone maintenance. • To conduct training on drone surveillance.

PARTICIPANTS	
Profiles and number of participants	10 staff from organizations (non-profit/for-profit/research institutes, etc.)
Name of participants' organizations	Sabodala Gold Operations.
Gender ratio	3 Females : 7 Males
Who paid for the training?	Sabodala Gold Operations
Participant fee rate (if applicable)	Participants were not charged for the training.

Scholarships offered?	No.

CONTENT	
Training components	Theoretical competences included; ● General knowledge of Unmanned Aerial System (UAS), flight performance and maintenance. ● Meteorology, regulation and safety. ● Piloting application (DJI Pilot, DJI Fly, DJI Go 4/Free Flight, emotion) etc. Practical competences included; ● Control of pilot levers / ground control systems. ● Reading and telemetry comprehension. ● Start, configure, update and calibrate. ● Basic flying exercise (first flight) and landing strategy with announcements. ● Security checklist. ● Professional piloting maneuver and complex figures.
Training resources used	● Mavic 2 Pro/ Phantom 4 Pro v2 and manuals
Approaches and methods used	● The participants took part in a theoretical course and then proceeded to the practical course, including drone maintenance training.