

Training the GIS team of the Ministry of Environment and Sustainable Development of Senegal on using Picterra AI platform for counting birds



During the presentation of Picterra



Practical exercise to use Picterra

OVERVIEW	
Flying Labs	Senegal Flying Labs
Location	Senegal
Date	July 9, 2020
Length (number of days)	1 day
Sector program (optional)	EcoRobotics, DevRobotics
Format	In-Person
SDGs	GOAL 9: Industry, Innovation and Infrastructure GOAL 15: Life on Land

SCOPE & OUTCOMES	
Type of training	Sector-specific training of professionals (for example: Drones for Disaster Relief)
Goal of the training	<ol style="list-style-type: none"> 1. Develop drone data acquisition skills 2. Develop drone data analysis skills 3. Develop data literacy/interaction skills
Expected outcome for participants	The participants were expected to learn how to use Picterra AI for birds counting and analyse the data collected. They had training on drone piloting previously.
Confirmed outcome after training	They installed Picterra software on their computers and other work tools. So now, they are able to use this tool for their daily work and bird counting.
Eventual next steps	Senegal Flying Labs is working on a project with the participants to count birds and identify their characters. Cameroon Flying Labs is also involved in this project. In September, Senegal Flying Labs will visit Techno Pole where many different species of birds reside and collect data on these species in collaboration with the Ministry of Environment and Sustainable Development of Senegal

PARTICIPANTS	
Profiles and number of participants	8 Staff of the Ministry of Environment and Sustainable Development of Senegal
Gender ratio	2 men : 6 women
Who paid for the training?	Free training
Scholarships offered?	Yes

CONTENT	
Training components	<ul style="list-style-type: none">● Theoretical component - 3 hours● Practical component - 3 hours
Training resources used	<ul style="list-style-type: none">● Software: Picterra
Approaches and methods used	<ul style="list-style-type: none">● The training started with a powerpoint presentation to explain about the software. And then, the team provided the relevant data on birds and analysed it with the participants.● It was a hands-on training as the participants had the opportunity to analyse the data themselves with the help of the team.