

## Drones for Development Awareness for the National Department of Transport in Papua New Guinea

Reference: [LinkedIn post](#)



Billboard of the National Department of Transport in Papua New Guinea



Group shot of Department of Transport staff with presenters from PNG Flying Labs

OVERVIEW	
<b>Flying Labs</b>	Papua New Guinea Flying Labs
<b>Location</b>	Port Moresby, Papua New Guinea
<b>Date</b>	June 3, 2020

<b>Length (number of days)</b>	One Day Drone Outreach and Education (1 hour)
<b>Sector program (optional)</b>	DevRobotics
<b>Format</b>	In-Person
<b>Co-organizer if applicable</b>	National Department of Transport (Host)
<b>SDGs</b>	<u>GOAL 8: Decent Work and Economic Growth</u> <u>GOAL 9: Industry, Innovation and Infrastructure</u>

Scope & Outcomes	
<b>Type of training</b>	1. Introduction training to drones
<b>Goal of the training</b>	Increase drone outreach and education.
<b>Expected outcome for participants</b>	As an ice-breaker, we gave the staff a one-page baseline survey to capture their understanding of drone technology, <u>PNG drone rules and regulations</u> , and market for consumer drones. Next, we shared about why we are in the drone space followed by three questions the department wanted us to explain to their staff: <b>(1) What is drone technology and drone safety? (2) How do we use drone technology? and (3) Benefits of drone technology.</b>
<b>Confirmed outcome after training</b>	The staff were pleased that we addressed their three questions about the drones. One of the department's deputy secretaries complimented us of our awareness and emphasized the importance of broader policy considerations for multisectoral supply chain using a sustainable and integrated drone network to help stimulate rural economic activities. The deputy secretary encouraged us to write an expression of interest regarding a cargo drone use-case for transporting coffee from the rural areas.
<b>Eventual next steps</b>	The National Department of Transport has expressed interest in our <b>'One Day Drone Safety Crash Course'</b> for 12 staff. We have already quoted them and are awaiting their response. COVID-19 has disrupted and delayed this proposed activity.

PARTICIPANTS	
<b>Profiles and number of participants</b>	A total of <b>17 staff</b> from various sections of the Department of Transport
<b>Gender ratio</b>	<b>13</b> Male teachers (76%) to <b>4</b> Female teachers (24%).
<b>Who paid for the training?</b>	This was a 'free' drone outreach and education.

CONTENT	
<b>Training components</b>	Baseline survey (1-page printed questionnaire). Interactive Powerpoint presentations Section (1): Drone Safety (CASA regulations) and UTM. Section (2): (a) What is drone technology and drone safety? (b) How do we use drone technology? and (b) Benefits of drone technology? Section (3): PNG Flying Labs Milestones (209-2020).
<b>Training resources used</b>	<b>Props for display:</b> DJI Quadcopters (Phantom, Mavic, Tello). <b>Presentation tools:</b> Laptops, tablets, projector. <b>Photographs:</b> Camera and tripod.
<b>Approaches and methods used</b>	<b>Interactive Powerpoint presentations</b> Our awareness comprised three sections. After each section there were discussions with the audience. We answered any questions and provided advice or recommendations where needed.