Drones
& UAV Conference
Zimbabwe

10 - 11 November, 2021
Celebration Centre
Harare, Zimbabwe

Drones.R.Africa — PRECISION AERIAL — Civil Aviation Authority of Zimbabwe — TECHZIM — ERA MEDIA

Why Attend?

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The COVID-19 pandemic has been both a boon and bane for drone technology worldwide. Despite witnessing a revised market growth rate because of the global pandemic — which market research firm, Research, and Markets had pegged at $95billion by 2030 — the commercial drone industry might have seen its best year yet in 2020. The delivery drone market especially experienced a boom, with American drone logistics Zipline just celebrating their one-millionth medical delivery; Wingcopter and Aerial Metric are working with locally-led Flying Labs; and countries like Nigeria and the DRC warming up to the arrival of drones over their skies.

This should be an advantage to developing nations if drone production continues on the exponential curve with which it is rising today; it would make drones available at an affordable cost to people who need them. For a young economy like Zimbabwe, drones and their software applications are needed in economy mainstays like mining and agriculture; and for humanitarian causes like disaster management and healthcare.

According to the World Economic Forum, agriculture drones will have a particularly powerful impact in the developing world, whose mostly smallholder farmers face enormous challenges producing quality food and selling it for a decent price. That is because data analytics for agriculture are becoming more specialized, meeting the specific needs of the agriculture industry. And the features that farmers are seeking from drones depend upon their individual needs, though some common areas are covered. Soil analysis, planting, crop monitoring, crop spraying, crop health, and irrigation are some of the most sought-after areas for drone-led inspections and data analysis.

There are areas where there are very clear value propositions, but that depends on how someone wants to use the technology. Drones have also changed the technology game for mining, surveying, and mapping, tourism, utility inspection, surveillance, search and rescue missions, crowd control, and public safety, media production, among many other industries. The range of operational convenience they offer for these industries — safety, saving on time and costs, 2D and 3D pictorial presentations; as well as precision of results has seen their commercial applications rising in value.

But, there are legal, privacy, and safety concerns to consider when incorporating drones in an economy's daily operations, especially when they have to fly in public places. These and other issues will be under discussion at the Drones and UAV Conference Zimbabwe, the very first conference to be held in Zimbabwe on emerging technologies in unmanned aerial systems and will be held on 21 - 22 July 2021 at the Celebration Centre in Harare, Zimbabwe. The event will look at the challenges and opportunities presented by drones, and the best ways in which the law and technology can come together for the good cause of revolutionizing industrial operations through disruptive innovation.

This conference is for you!

What to Expect

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1

Learn more about Drone Technology

Drones and unmanned aerial systems are changing business and transforming the way we work across the world and these changes will impact you. Find out about how drones are being used across several industries and how you can successfully integrate them into your organisation.

2

Understand Drone Laws & Regulations

Whether you have an interest in Drone technology from commercial applications, social & humanitarian applications or recreational hobby use you must know the rules that govern drone use. Hear directly from Civil Aviation Authority on key matters related to drones in Zimbabwe.

3

Network with local and international Drone industry leaders

This conference has been specifically designed with a diversity of topics and speakers, many of whom are pioneers and leaders in the drone industry across Africa.
Expand your professional network by connecting with drone professionals who are at the forefront of drone technology integration.

4

Stay Ahead and up to Date

You will learn about the latest developments in drone hardware, software, drone fleet management systems, policies, and best practices to improve your business.
See examples and drone use cases of how the industry helps the economy and society at large.
Be inspired by cutting-edge case studies from international companies and businesses

Who Should Attend?

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TARGET AUDIENCE

Chief Executives / Managers / Directors
Operations executives and managers
Bankers
Investment Groups
Equity and Fund Managers
IT Managers
Software development managers
Insurance Managers
Civil Aviation Authority managers
UAS Pilots
UAS Consultants
UAS Training experts
Parks and Wildlife Managers
Mining executives
Mining operations managers
Mining engineers
Geomatics Specialists
Electrical engineers
Solar and photovoltaic professionals
Surveyors
Remote sensing specialists
Geologists
Farm managers
Farmers & Crop Consultants
Municipal operations managers
Police officers
Technology Leads
Project Managers
 Health Services Providers
Relief and aid workers
Film Producers
Photojournalists
Real Estate Agents
University Professors

TARGET USE CASES

Agriculture
Archaeology
Architecture
Cargo transport
Conservation
Construction
Demining
Disaster relief & management
Drones-as-a-Service
Emergency Services
Engineering
Environmental monitoring
Energy, Power & Utilities
Healthcare
Hobby and recreational use
Insurance
Journalism
Law Enforcement,
Search & Rescue (SAR)
Surveying & Mapping
Surveillance
Security
Mining, exploration and production
Infrastructure – Rail, Roads, Bridges
Scientific research
Passenger transport

TARGET INDUSTRIES

Agriculture
Advertising
Broadcasting & Television
Conservation
Construction
Civil Aviation
Cargo
Education
Energy
Emergency Services
Farming & livestock
Fisheries
Healthcare
Insurance
Infrastructure
Journalism
Mining
Media and Film
Non-Government Organisations
Government Departments
Municipalities
Parks and Wildlife
Public Safety
Fire Department
Property and Real Estate
Power Generation
Drone Services providers
Sports
Transport
Universities

Draft Programme

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DAY 1

07:30 Registration

08:00 Opening Remarks

08:30 The drone industry: Overview of the drone landscape across Africa and the economic impact of drone technology.
Invited Speaker: Tommy Sithole (Chairman Zimpapers Group)

09:00 Technology development and the 4th Industrial Revolution Drones and their increasing importance in the digital age
Invited Speaker: Zimbabwe Government Official (TBC)

09:45 Technology development and the 4th Industrial Revolution Drones and their increasing importance in the digital age
Invited Speaker: Jeremiah Musabayana, Drone Solutions

10:30 Mid-morning Break

11:00 KEYNOTE: Drone operations and the legal framework in Zimbabwe
Invited Speaker: CAAZ

12:15 Drones for Good Network Why we need a local network connecting drone operators.
Invited Speaker: Simbarashe Shamu, Drones For Good Network

12:45 LUNCH

13:45 Commercial drone operations — Setting up a drone program for your business and choosing the right type of drone. Invited Speaker: Precision Aerial (TBC)

14:30 Drones in Precision Agriculture & Smart Farming.
Use case applications for Drones in Agriculture.
Louise Jupp: Director: Terreco Aviation South Africa

15:15 Drones in Insurance Sector is using drones to its advantage & the importance of drone insurance.
Invited Speaker: Daniel Blomerus: Drone Insurance Specialist: Unicorn Insurance Brokers

16:00 Closing Remarks: End of Day 1

DAY 2

07:30 Registration

08:00 Opening Remarks

08:15 Unlocking the true value of drones in mining
Use cases for drones in Mining
Invited Speaker - Patrick Weeden (Scout Aerial)

09:00 Drones in Energy & Inspections
Case study of ZESA power utility using drones for powerline inspections.
Invited Speaker - Eng. Proud Mundenda (ZESA holdings)

09:45 The Power of Local. Drone Applications in Disaster Management, Emergency response, Medical Deliveries & Humanitarian Action
Invited Speaker: Sonja Betschart, Co-Founder, Werobtoics

10:30 Mid-morning Break

11:00 Drones in Security, Surveillance and Public Safety
Invited Speakers: Bertus Van Zyl and Kim James: Directors: UAV Aerial Works & Drone Guards

11:45 Drone Data & Software applications
It's not about the drones, it's about the data.
Invited Speaker: Itumeleng Mokoena: Director: Drone Data Farm

12:15 Data acquisition through Aerial Surveying & Mapping
Invited Speaker: Tatenda Mafara

12:45 Closing Remarks & Networking

13:00 LUNCH

Presentation Topics

- Technology development and the 4th Industrial Revolution - Drones and their increasing importance in the digital age.

- The drone industry across Africa and the economic impact of drone technology including challenges and opportunities.

- KEYNOTE: Drone operations, regulations and legal framework in Zimbabwe

- Drone Training - Distinguishing between safe and unsafe operations in Zimbabwe

- Why Drone Operators need Insurance and types of Drone Insurance

- How the Insurance Sector is using drones to its advantage

- Drones in Precision Agriculture and Smart Farming

- The Power of Local - Medical Drone Deliveries, Disaster Management, Search and Rescue & Humanitarian Action

- Unlocking the value of drones in mining. Use cases for drones in Mining

- Drones in Conservation and Anti-poaching

- Drones for Good Network. A local network for drone operators.

- Commercial drone operations – Setting up a drone program for your business.

- Drone Data Processing & Software applications - It's not about the drones, it's about the data

- Drones in Energy - A case study

- Drones in Security and Surveillance

- Drones in Public Safety & Emergency Response

- Smart Cities Integration of Drone Technology

- Drones in STEM education

Conference Speakers From:

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SCOUT AERIAL AFRICA

DRONE SOLUTIONS
EYES IN THE SKY

DRONE GUARDS
Operated by UAV Aerial Works

ZIMBABWE ELECTRICITY TRANSMISSION & DISTRIBUTION COMPANY
ZETDC

terreco aviation

IRON MASK AEROTECH

Zimbabwe FlyingLabs

PRECISION AERIAL

WE ROBOTICS

UIB
Unicorn Insurance Brokers

Civil Aviation Authority of Zimbabwe

ADK
AFRICA DRONE KINGS

Conference Venue: Celebration Centre

The celebration centre is one of the premier conferencing facilities in Harare with multiple conferencing rooms including a 3500+ seat auditorium and a large outdoor amphitheater. It boasts an onsite restaurant, coffee shop, rooftop deck, bookstore, and entertainment foyer. Located in the upper northern suburbs along the main road linking to the CBD, the location is easily accessible and an ideal venue to host the Drone Conference.

COVID-19 Guidelines

The Drones and UAV Conference is Zimbabwe's first drone conference and our intention is to host an in-person event to maximize the experience and create networking opportunities for all attendees. We are bringing together a stellar group of local and international speakers for this event.

We will be guided by the prevailing national COVID-19 guidelines for events and gatherings as outlined by the Zimbabwe government. There are currently no restrictions on travel for local and international attendees and we will advise should anything change leading up to the conference.

We look forward to hosting you in person and have no doubt that it will be a high-value experience for you as we chart the course to develop the drone industry in Zimbabwe.

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Contact:

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www.droneconference.co.zw

Event Hosts:

Tommy Sithole

Jerry Davison

Tawanda Chihambakwe

Conference Coordinator: Emma Nherera

Drones.R.Africa

PRECISION AERIAL

Civil Aviation
Authority of Zimbabwe

TECHZIM

ERA MEDIA

DRONE & UAV CONFERENCE ZIMBABWE

ORGANISATIONAL DETAILS

PRICE: US$ 350

COMPANY NAME: ....
....

ADDRESS: ....
....

VAT #: ....

MANAGER AUTHORISATION

NAME:...

JOB TITLE: ....

SIGNATURE: ....DATE: ....

TEL: ....FAX: ....

E-MAIL: ....

After filling, please e-mail this form to:

info@droneconference.co.zw
zimdroneconference@gmail.com

TEL: +263 719 489 139

Should you wish to second more delegates, kindly reproduce more forms and fill them out

REGISTRATION DETAILS

DELEGATE 1

NAME: ....

JOB TITLE: ....

CELL: ....

E-MAIL: ....

DELEGATE 2

NAME: ....

JOB TITLE: ....

CELL: ....

E-MAIL: ....

DELEGATE 3

NAME: ....

JOB TITLE: ....

CELL: ....

E-MAIL: ....

DELEGATE 4

NAME: ....

JOB TITLE: ....

CELL: ....

E-MAIL: ....

DELEGATE 5

NAME: ....

JOB TITLE: ....

CELL: ....

E-MAIL: ....