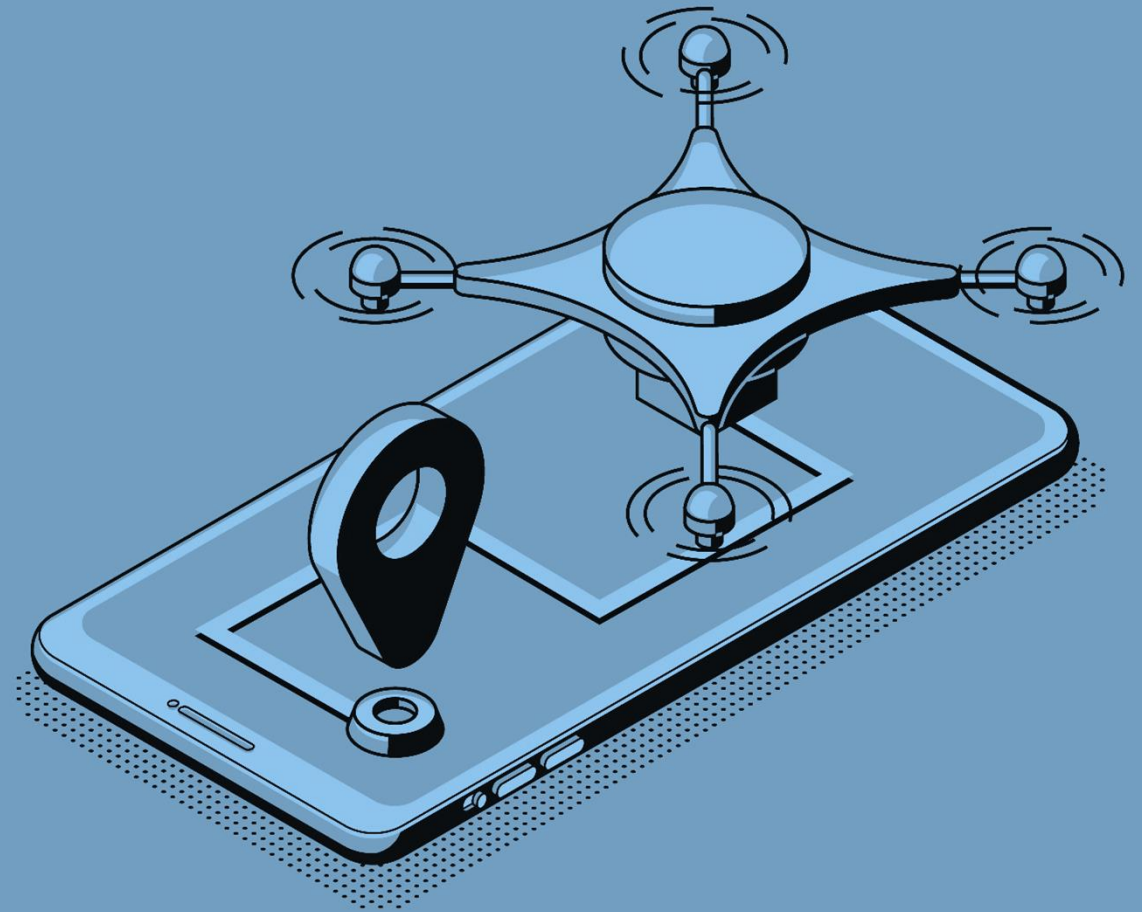




DRONE RESEARCH AND APPLICATION CENTER

A presentation prepared for
**RESEARCH CENTRE SYMPOSIUM &
POSTGRADUATE COLLOQUIUM**

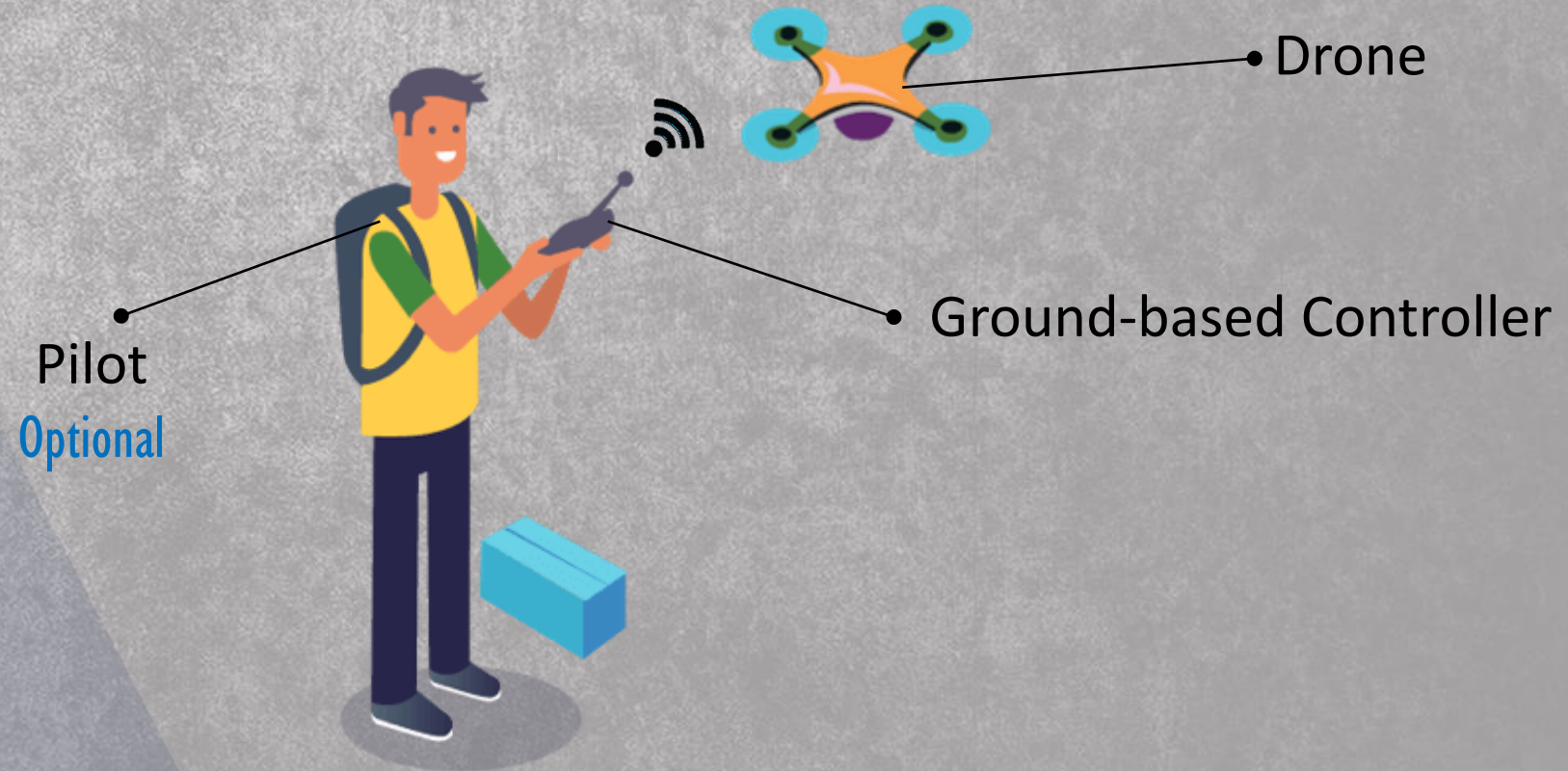
18th July 2019



A SHOWCASE OF DRONE APPLICATION



DRONE TECHNOLOGY



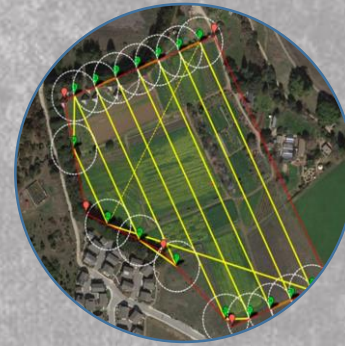
DRONE APPLICATIONS



Agriculture



Inspection



Mapping



Photography



Delivery



Rescue



Communication

...and more

ESTABLISHMENT



WHAT WE DO



Conduct research
and development



Provide training and
consultancy services



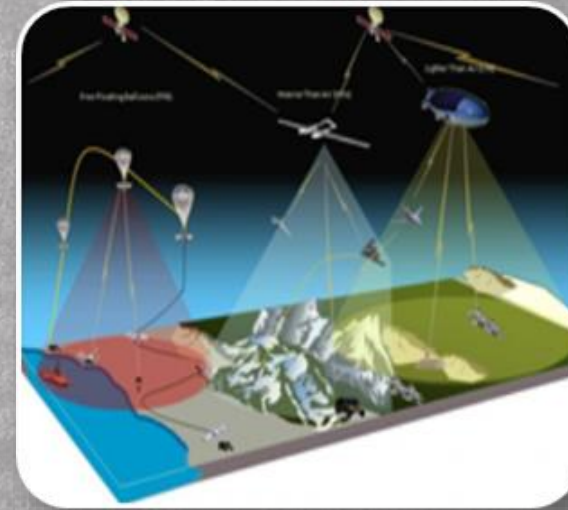
Collaborate with
government and
industries

RESEARCH FOCUS



AGRICULTURE

Smart Farming
Environmental Monitoring
Resource Optimization



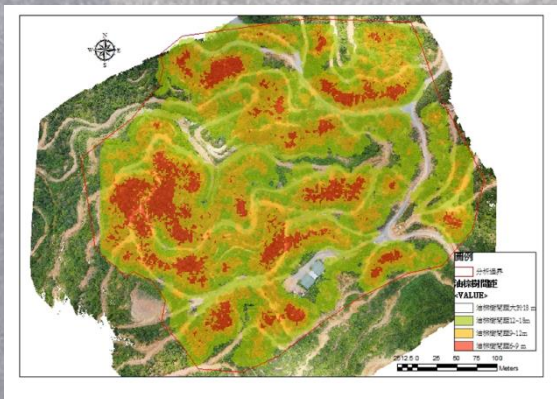
COMMUNICATION

Internet Access Deployment
Surveillance
UAS Traffic Management System

PROJECTS

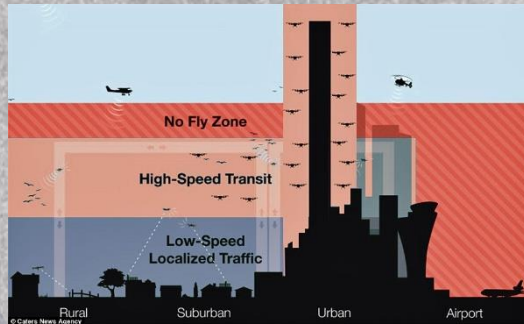


Oil Palm Tree Counting
Funded by: Local Industries



Analysis of Planting Distance
Funded by: Local Industries

PROJECTS

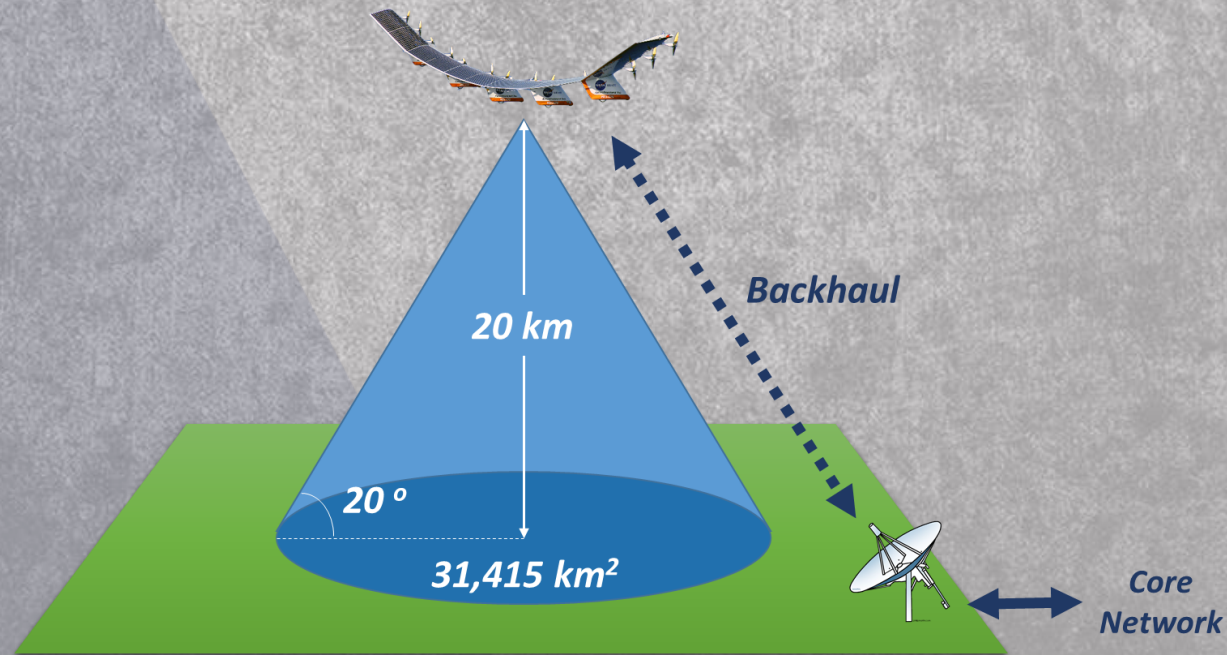


Study of Unmanned Aircraft Vehicle Traffic Management System
Funded by: Sarawak Multimedia Authority



An Intelligent Drone Application for Smart City
Funded by: UCTS Research Grant

HIGH ALTITUDE PLATFORM



High Altitude Platform

AUV
AeroVironment™



Kambyan Network



Press B to read controller tips

Microsoft HoloLens: Drone Simulator (Extended Version)

Source: <https://www.youtube.com/watch?v=Ua9ifkpd3L0>

EXHIBITIONS



WORKSHOPS & OUTREACH PROGRAMMES



THANKS

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