

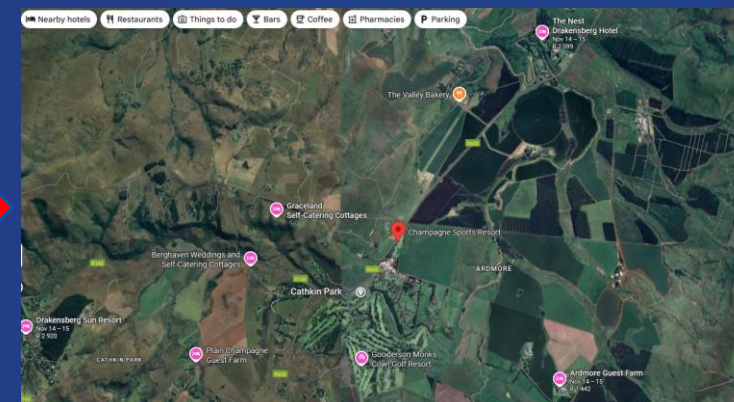
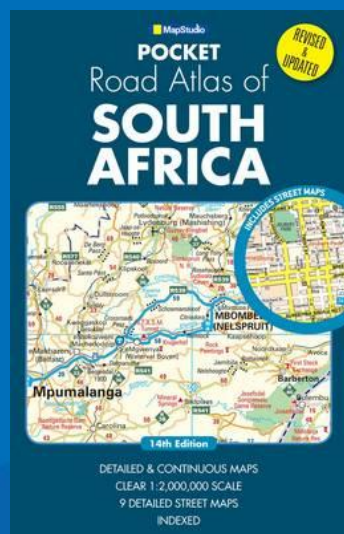
Welcome

Kendall James
Esri South Africa User Conference 2025
29 October 2025

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GeoVision: Capture. Visualise. Optimise.

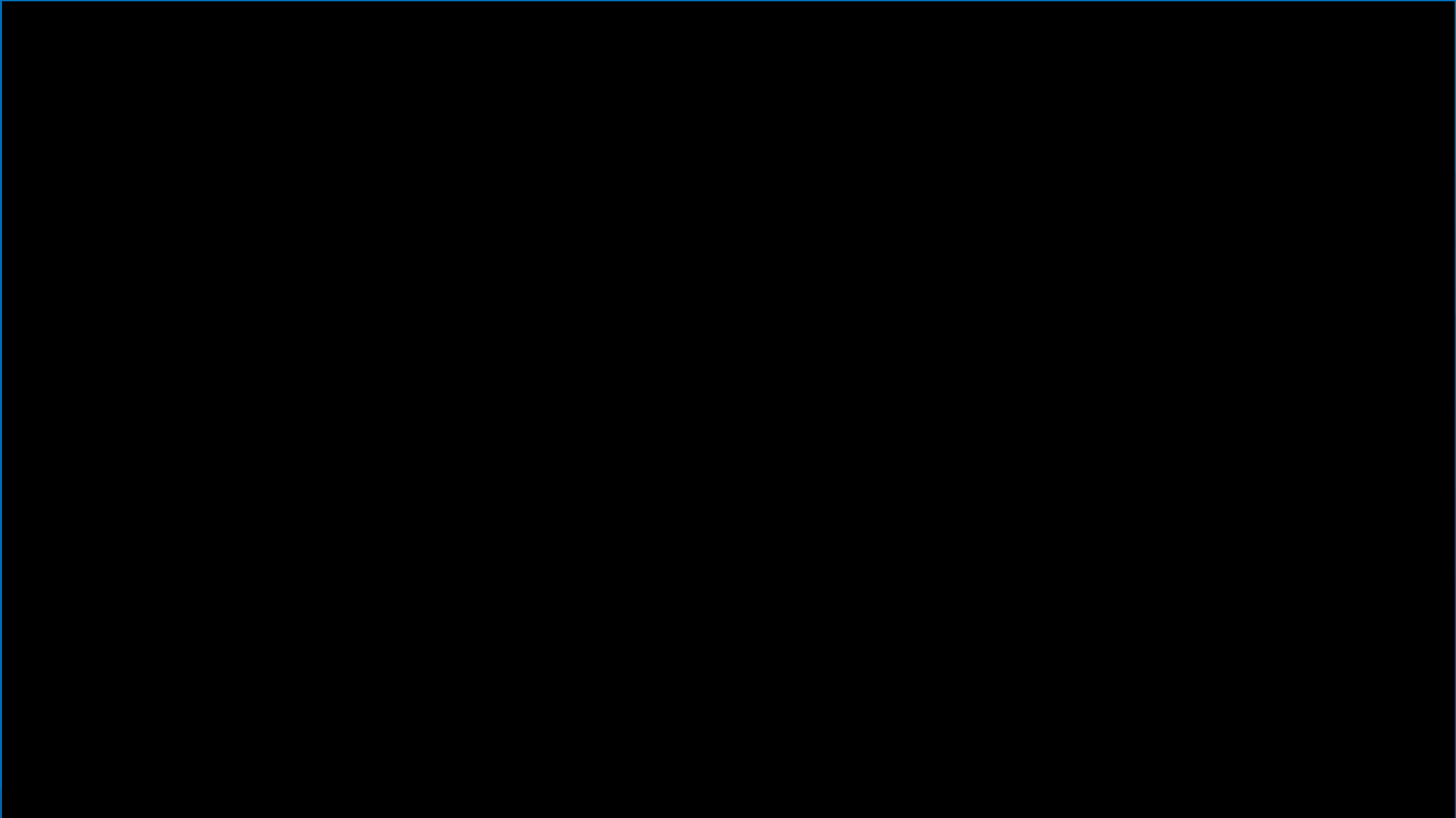
Transforming video into actionable data





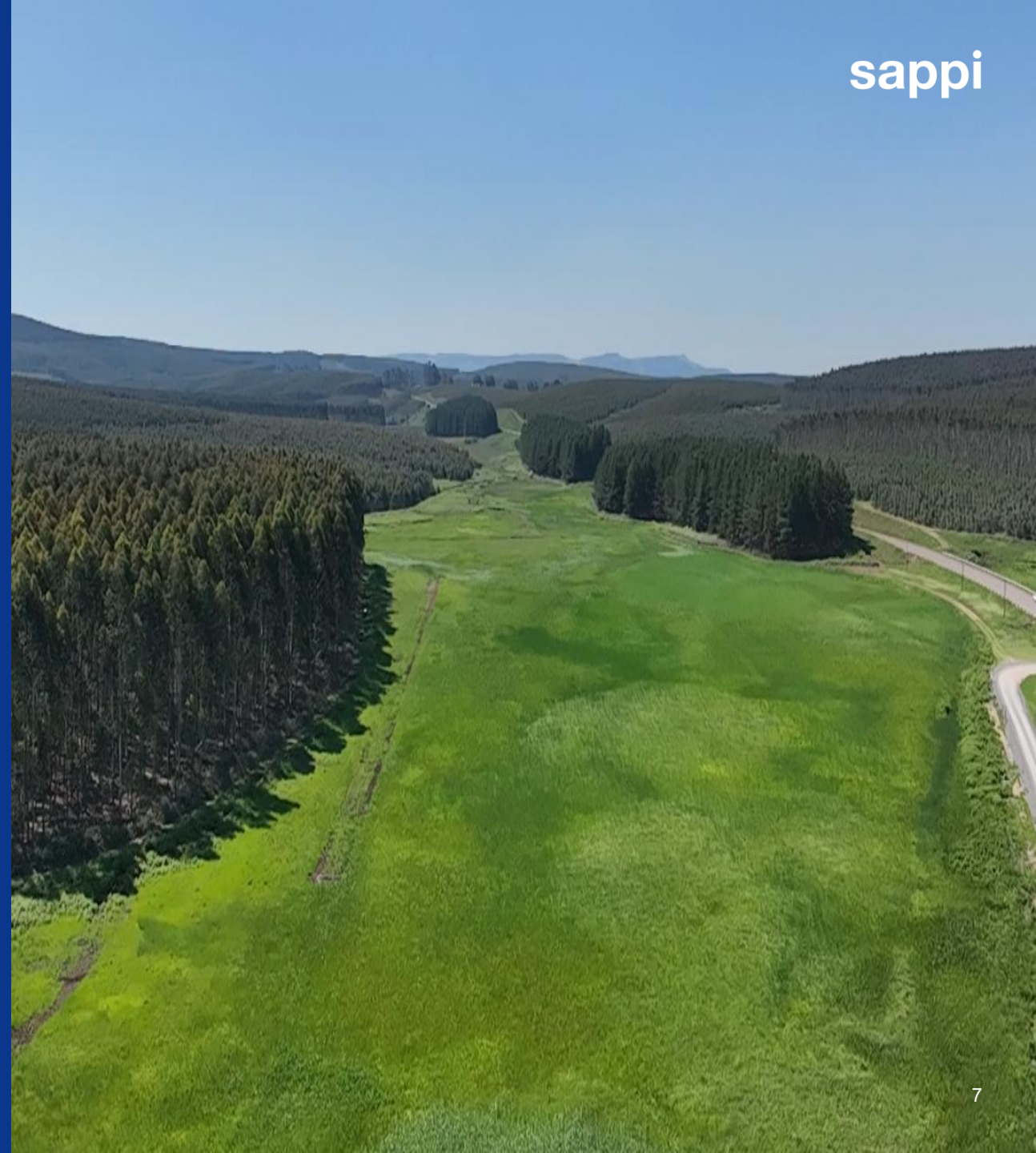
- Vehicle mounted GoPro action camera
- GPS enabled video capture
- Visualised in custom built widget in ArcGIS Experience Builder app

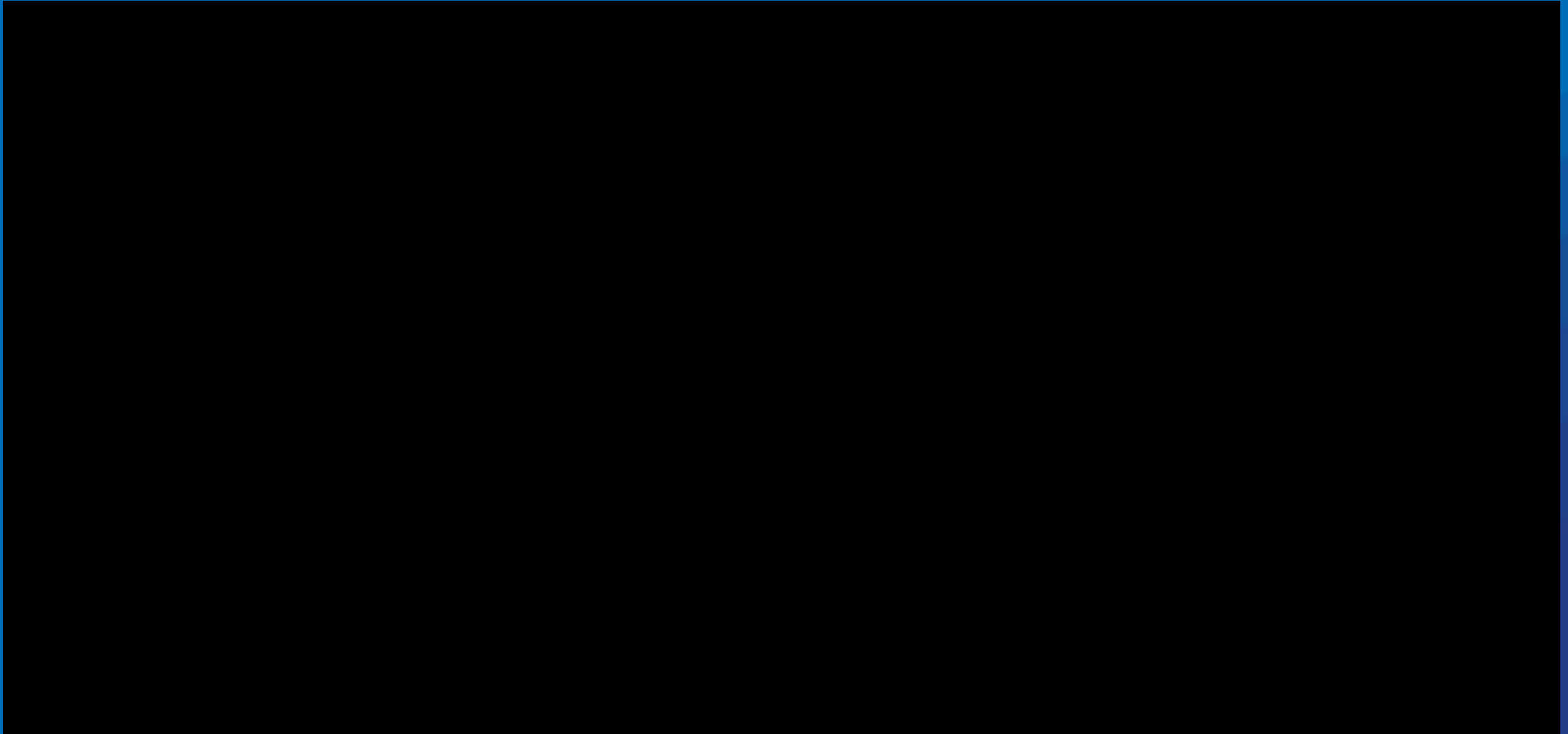






- GPS enabled drone video capture
- Visualised in custom built widget in ArcGIS Experience Builder app
- 3D view of flight path alongside video







**Enhanced
Accuracy**



**Cost
Efficiency**



**Improved
Safety**



**Data-Driven
Decisions**



**Long-Term
Planning**



**Environmental
Impact**



**High-Resolution
Imaging**



**Real-Time
Data Capture**



**Automated
Analysis**



**Integration
with GIS**



Scalability



**Enhanced Data
Management**

Where to from here?

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- Integration into Activity Management System (AIMS)
- Integrate with ArcGIS Workflow Manager Advance
- Build Cost and Time Loaded Dashboard for reporting

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Thank You