

ArcGIS for Local Authorities (AFLA) Workflow Automation Solutions

Kabelo Nkholise: Public Sector: Sales Manager



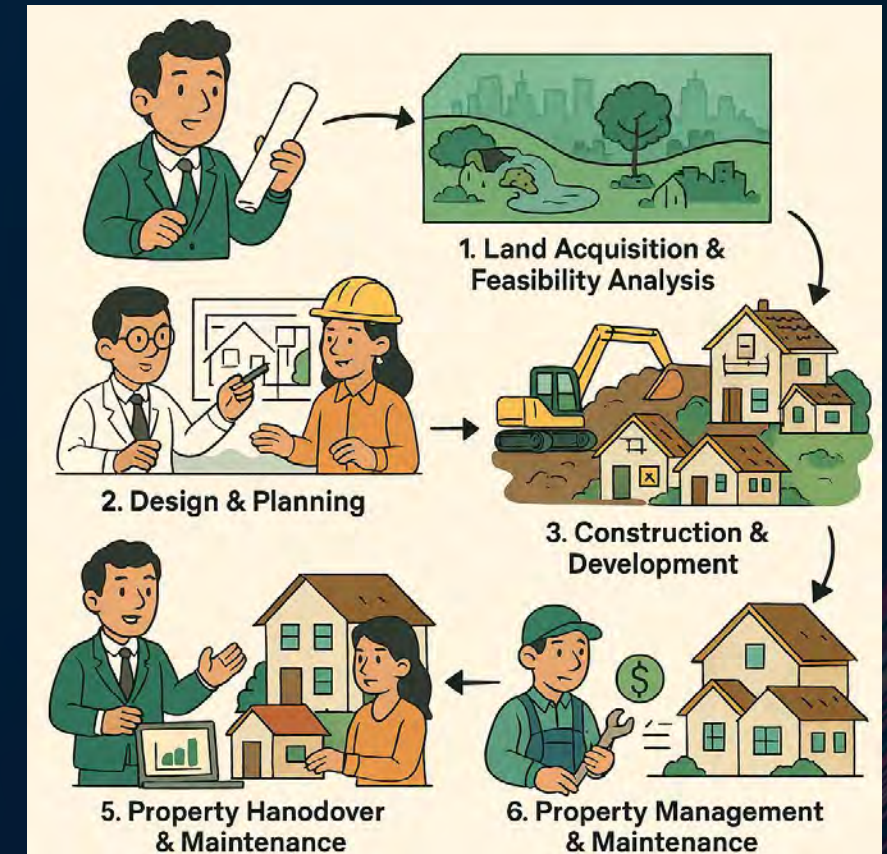
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Session Overview

1. Kabelo Nkholise (Introduction)
2. Mava Nthanta (KwaDukuza Municipality)- *KwaDukuza doing business simpler, smarter and faster*
3. Lungi Patricia Nkosi (Polokwane Municipality)– *Electronic online submission of land development and land use applications*
4. Liezel Poulton (Stellenbosch municipality) – *Significantly cut approval time for building development application*
5. William Mojabelo (New features)
6. Kabelo Nkholise (Closing)

AFLA and GIS in the context of Property value chain

- The property value chain is the series of steps involved in **creating, managing, and maintaining a property's value** — from planning and development to its use, sale, or redevelopment.
- The role of AFLA and GIS in enhancing value across the Property Value Chain



Life cycle of a property

Single Farm



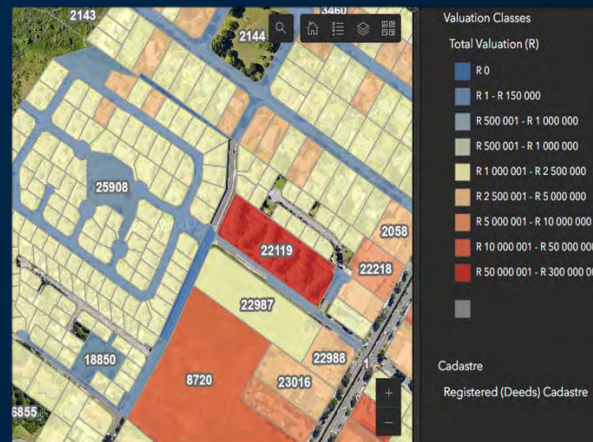
Township establishment



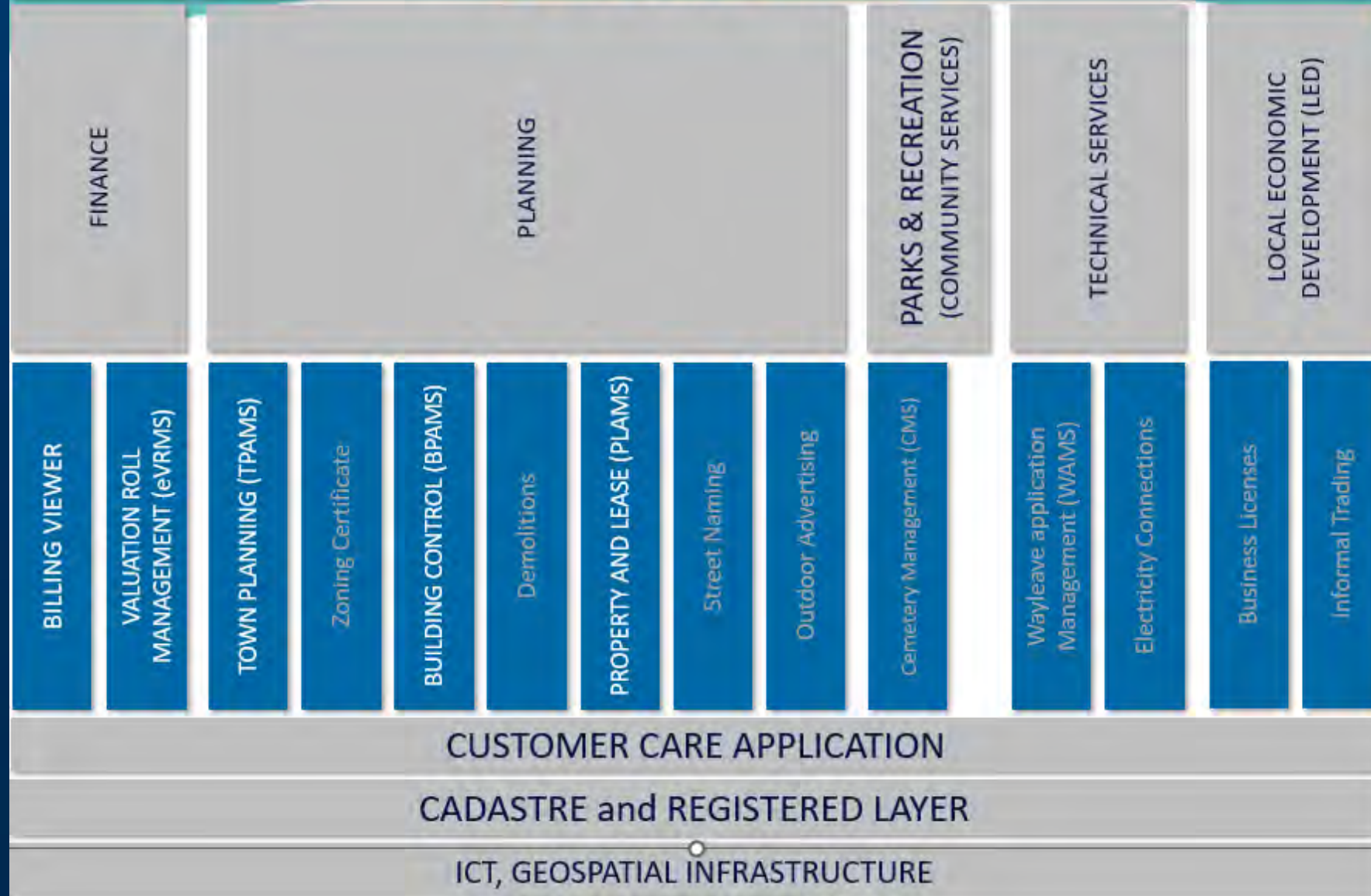
Single Erf



AFLA and GIS Tools Across the Property Value Chain Lifecycle



Municipal Services





KwaDukuza doing business simpler, smarter and faster

KwaDukuza Municipality

Mava Nthanta

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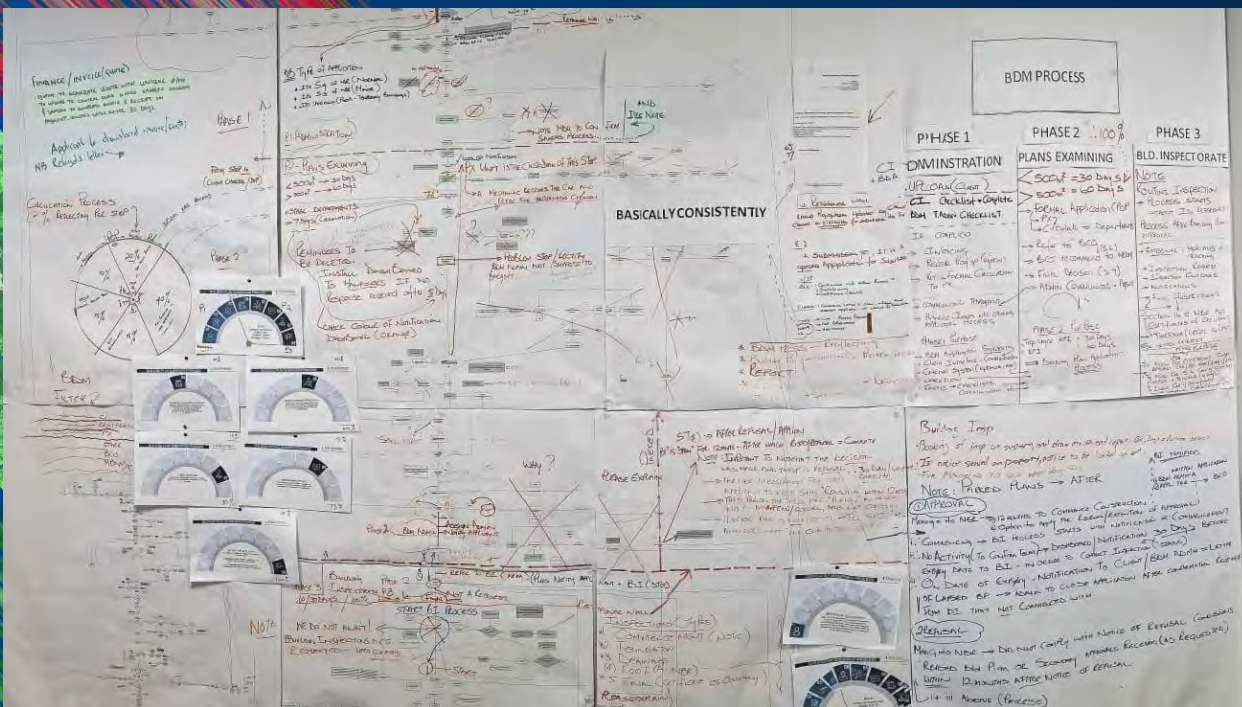


Electronic online submission of land development and land use applications

Polokwane Municipality

Lungi Patricia Nkosi

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**Significantly cut approval time
for building development
application**

Stellenbosch municipality

Liesel Poulton

Enhanced Features on AFLA

Maredi Willam Mojapelo

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What's New?

- Preview of new capabilities & improvements
- Enhanced collaboration tools
- Stronger integrations
- Improved user experience
- New modules introduced

Enhanced Comments Section

- Improved design and functionality to support clearer feedback, collaboration, and user engagement.
- Internal comments
- External comments/Public

View application
KwaDukuza Local Municipality - Building Plans

Details
Applicant / applicant agent
Professional parties
Location
Assessment
Attachments
Checklist
Comments
Communication
Conditions
History
Invoice
Notes
Related applications
Required documents
Checklist
Status
Step management

Available Steps: 1
Please click on a step to view it
Is the DAC Required?
Tracker
Responsible Person
Notes
External Links

Share application link
Send Us Feedback
Build Info

Date	Name	Captured by	Business unit	Type	Comment	Attachments
<input type="checkbox"/> 25/09/18 08:41	CaptureCommentInternal	Maredi William Mojapelo	Environment Management	Internal	Supported	
<input type="checkbox"/> 25/09/18 08:41	CaptureCommentInternal	Maredi William Mojapelo	Fire and Emergency	Internal	Supported	
<input type="checkbox"/> 25/09/18 08:40	CaptureCommentInternal	Maredi William Mojapelo	Civil Engineering	Internal	Approved	
<input checked="" type="checkbox"/> 25/09/18 08:40	CaptureCommentInternal	Maredi William Mojapelo	External Comments	Internal	Approved	

Withdraw application Add Export View

Reference number	Applicant	Agent	Erf number	Application type	Start date	Phase	Days left	Last edited by	Last edited on
BP/2025/339	Cornel Cloete	N/A	735	H4	2025/09/15	Assessment	N/A	bennie, nondumiso	2025/09/17

Enhanced Comments Section

AFLA (ArcGIS For Local Authorities)

Applications

Properties

ArcGIS Items

Capture building control dept comment.

KwaDukuza Local Municipality - Building Plans

View application

Comment *

Normal

A

I

B

U

S

Insert text here...

Characters left: 5000

Select attachment

Filter by

All columns

Filter items

File name	Date	Description	Revision	Link
There are no items to display...				

Remove


Add

Save

All comments captured (building control dept) ?

Send a reminder to building control dept

Internal Comments

 Home

AFLA (ArcGIS For Local Authorities)

Capture Comment


Business Unit *

First Name *

Email Address *

Comment *

Normal



Insert text here ...

Characters left: 5000

Request Comment Attachments:

File Name

Link

Captured Date *

25/09/18 08:53

Last Name *

Contact Number *

Save

No attachments to download is available.

External Comments

Invoices – Personalized Banking Details

Edit invoice template

Invoice

Template (.zip)*
Current attachment name: TP_InvoiceReport.zip

Upload Files
drag & drop or click here to add file

☒ Does the module have its own banking details?

Banking details

Banking details line 1* ABSA Bank	Banking details line 3* Account No: 408 762 7126
Banking details line 2* Branch Code: 6320	Vat reference* 4000846057

☒ Does the module have its own address?

Cancel Update

Invoices template containing individualized banking details for each module

API integration

- SACAP registration number verification and Mun soft for Document archiving

Create application
KwaDukuza Local Municipality – Building Plans

Details

Applicant / agent

Location

Professional bodies

Notes

Architect details

SACAP registration number *

Verify with sacap

Name *

Surname *

Home telephone

Work telephone

Cellphone *

Email *

ID Number

Client VAT number

Employer's details

Organisation *

Designation *

Survey123 – Survey Editing

Edit available survey

BPAMS

Description *

Kwa-Dukuza Inspections Survey

Survey url *

<https://survey123.arcgis.com/share/1e34326b22414da89aea088eb10ba433?portalUrl=https://dvw-kwadukuza.esri-southafrica.com/portal>

Survey feature layer url *

https://dvw-kwadukuza.esri-southafrica.com/hosting/rest/services/Hosted/service_5e00e4f076e9481eae48e091e8718b3d/FeatureServer/0

☒ Can the user view the survey in survey123?

☐ Can the user edit the survey in survey123?

☐ Enable Notifications

☒ Service is authenticated

Authentication type *

Portal

Cancel Update

This function allows users to modify existing Survey123 forms, including updating questions, response options, and survey settings, to ensure data collection remains accurate and up-to-date.

Reminders – Entry and exit step and scheduled reminders

All comments captured (building control dept) ? - Edit Reminder Setting

Description *

Make sure all stakeholders captured their comments

Portal status *

Submission processing

Portal % complete *

30

☒ Enable Reminders

Name

Type

Please select an option

On step enter

On step exit

Scheduled

Reminder Type *

Please select an option

Recipient Type *

Please select an option

Cancel Save

Stamping of Documents

AFLA (ArcGIS For Local Authorities)

Applications Properties ArcGIS items


?

🔔


👤

Stamp pdf document

KwaDukuza Local Municipality - Building Plans



1



2

Wiseman Vilakazi0823500970wisemanv@kwadukuza.gov.za

BTW/VAT Invoice No: 1004

Invoice VAT Reference: 4000846057

Name:

Maredi William Mojapelo

Organisation:

Mahikeng

Designation:

TP

Client VAT No:

05051

Client street address:

asdf asdf asdf Mpumalanga
South Africa asdf

Client postal address:

asdf asdf asdf Mpumalanga
South Africa asdf

Invoice date:

2025/9/5

Payment due date:

2025/9/19

Reference no:

BP/2024/185

File No:

Amendment scheme no:

Municipality street address:

Corner of Gizenge and
Mahatma Gandhi Streets
Stanger KwaDukuza KwaZulu-
Natal 4450

Municipality Postal address:

PO Box 72 Stanger
KwaDukuza KwaZulu-Natal
4450

10

✕

Application Fees

Vote No	Description	Qty	Rate	UoM	Amount (Incl VAT)
155010040	(B3) (aa) Early commencement request for	1	1 305.00	Per Application	1 305.00

What do you want to add?

Stamp - Inspectorate Starr

Add

Rotate left

Rotate right

Zoom in

Zoom out

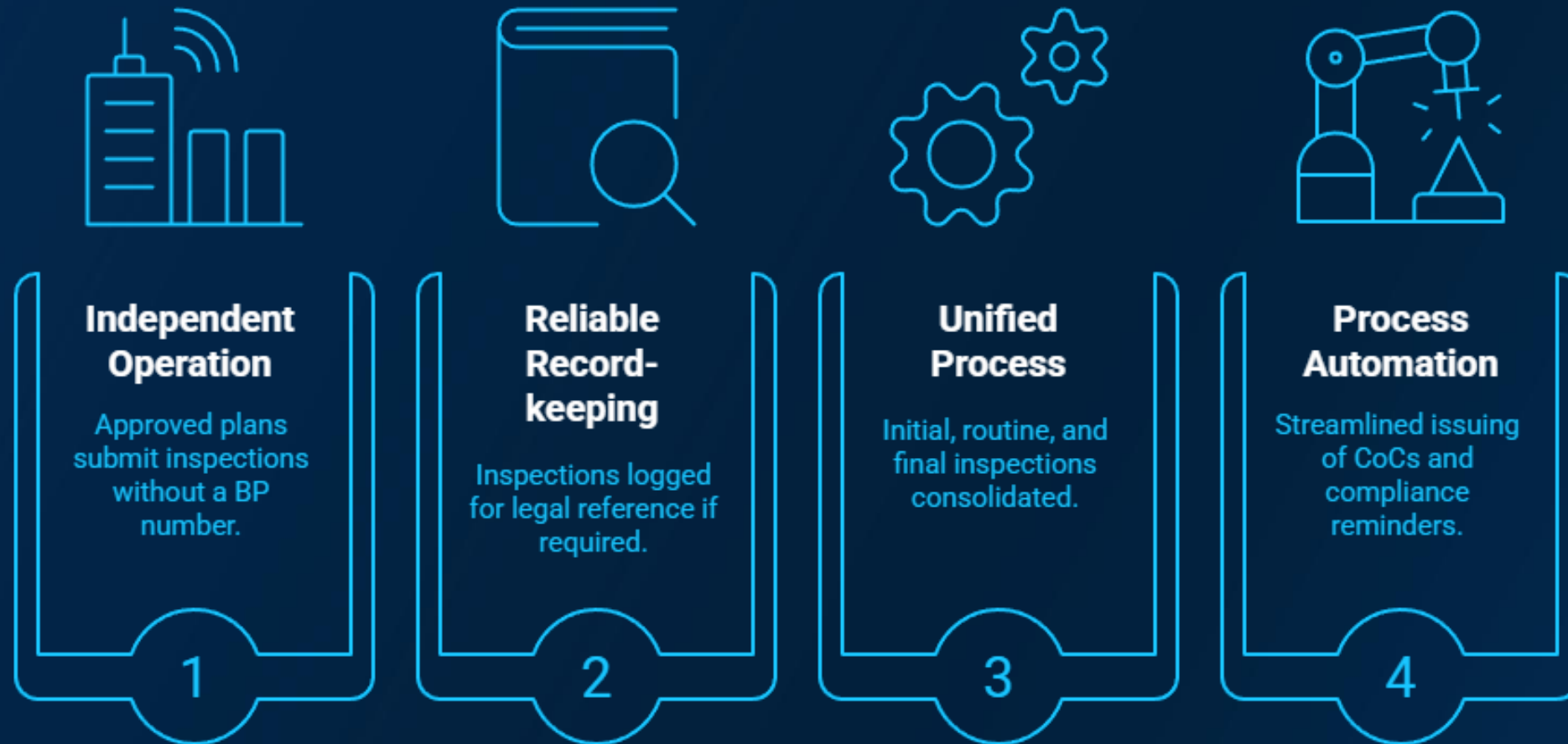
Reload

Cancel

Save

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New Module – Building Plans Inspectorate



Closing Remarks

Kabelo Nkholise: Public Sector: Sales Manager

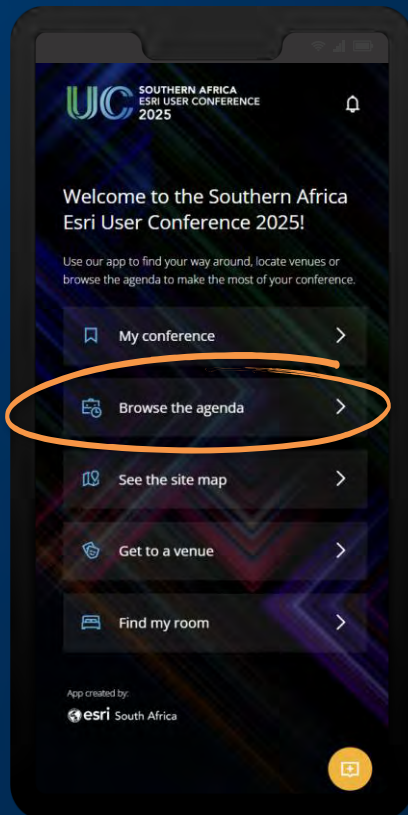
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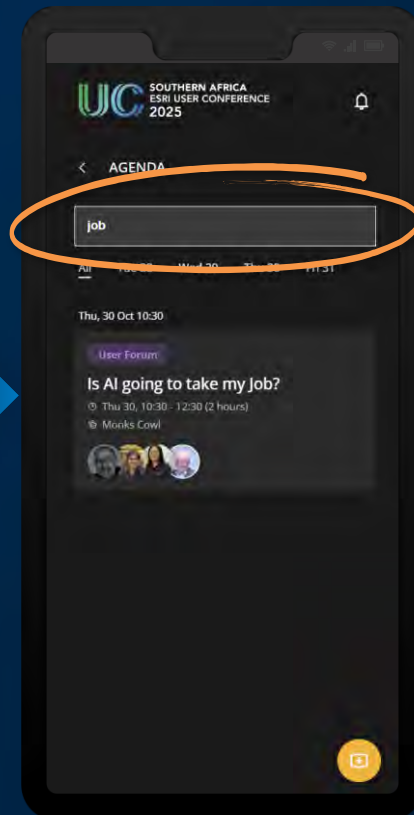
Please share your feedback in the UC app



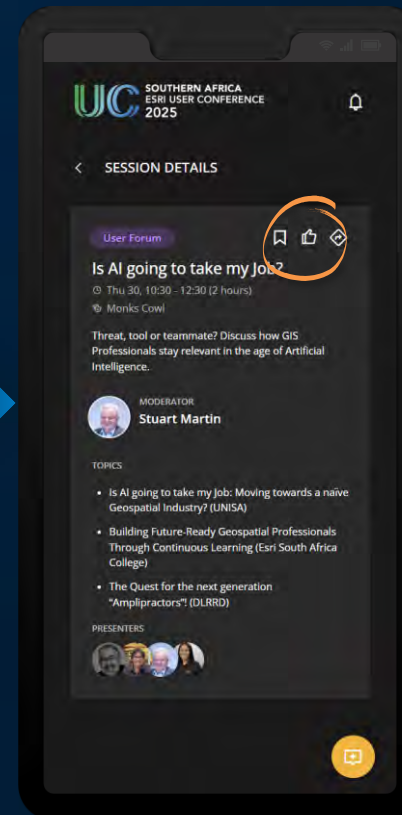
Open
uc.esri-southafrica.com
and browse the agenda



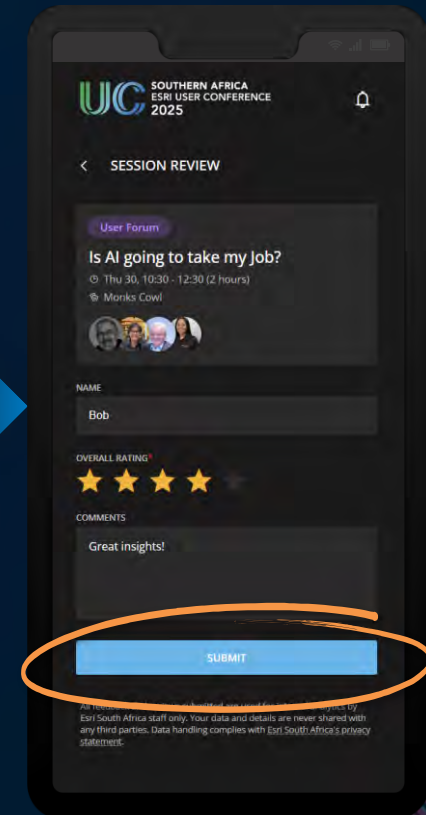
Search and select the
session you attended



Click the “thumbs up”
icon



Complete and submit
your review





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2025