

Land and Property Registration

Enhancing Land Management, Land Development and Construction



المؤتمر العربي الثاني للأراضي

Second Arab Land Conference

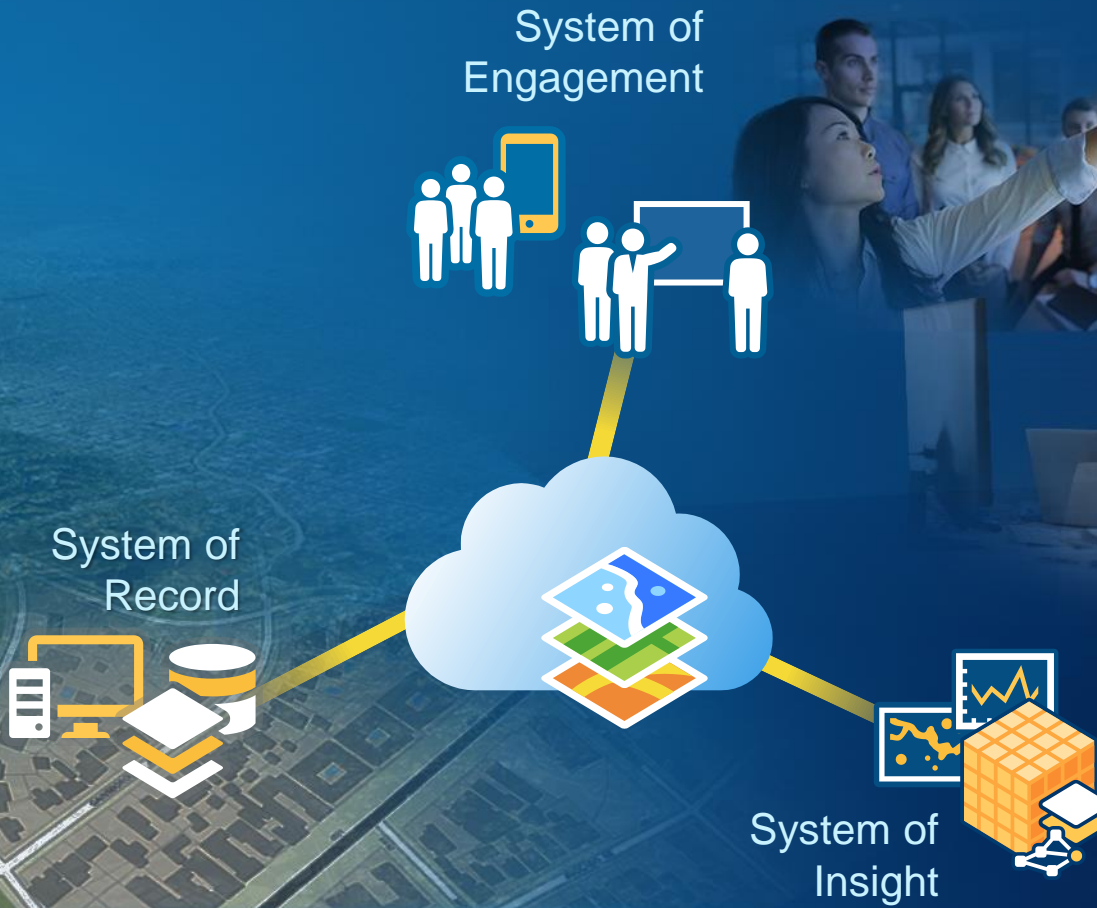
22-24 FEBRUARY 2021
CAIRO, EGYPT

Scalable ArcGIS and LADM Implementation

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GIS

Enables Multiple Types of Systems



GIS Is Evolving



Expanding Your Capabilities

Client / Server	→	Web Services & Apps
Stand-Alone Desktop	→	Connected Desktop
Data Models	→	Web Maps & Layers
Static Data	→	Real-Time
Single Server	→	Distributed Computing
Custom Applications	→	Configurable Templates & Apps
Proprietary Data	→	Open Data & Shared Services
2D Features	→	3D Features
Spatial Analysis	→	Spatiotemporal & Big Data Analytics
Digital Cartography	→	Smart Mapping

ArcGIS for Land Administration

Parcel Management

Field Operations

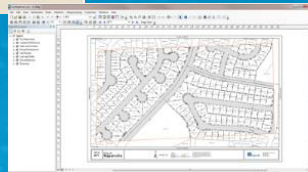
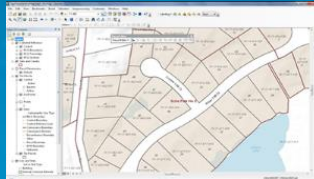
Valuation Analysis

Constituent Engagement

Quality Control



Parcel Editing



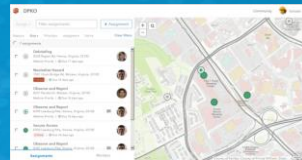
Map Production



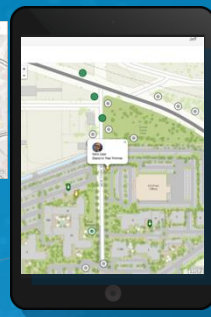
Address Management



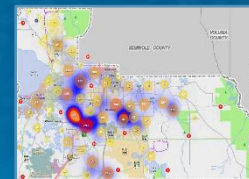
Mobile Access to View & Edit



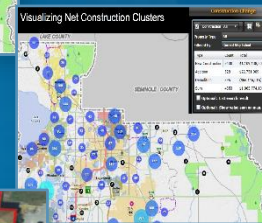
Workforce



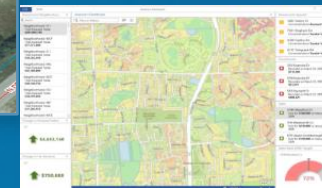
Foreclosure Mapping



Construction Permit Visualization



Property Appraisal



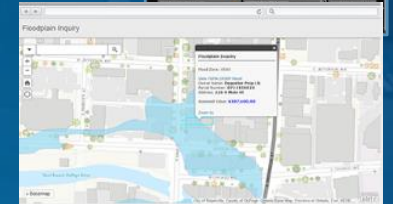
Visualize Property Value



CAMA Visualization



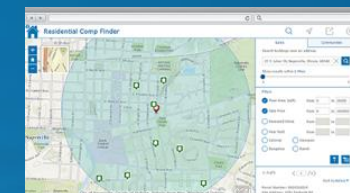
Modern Public Access



Identify Flood Risk

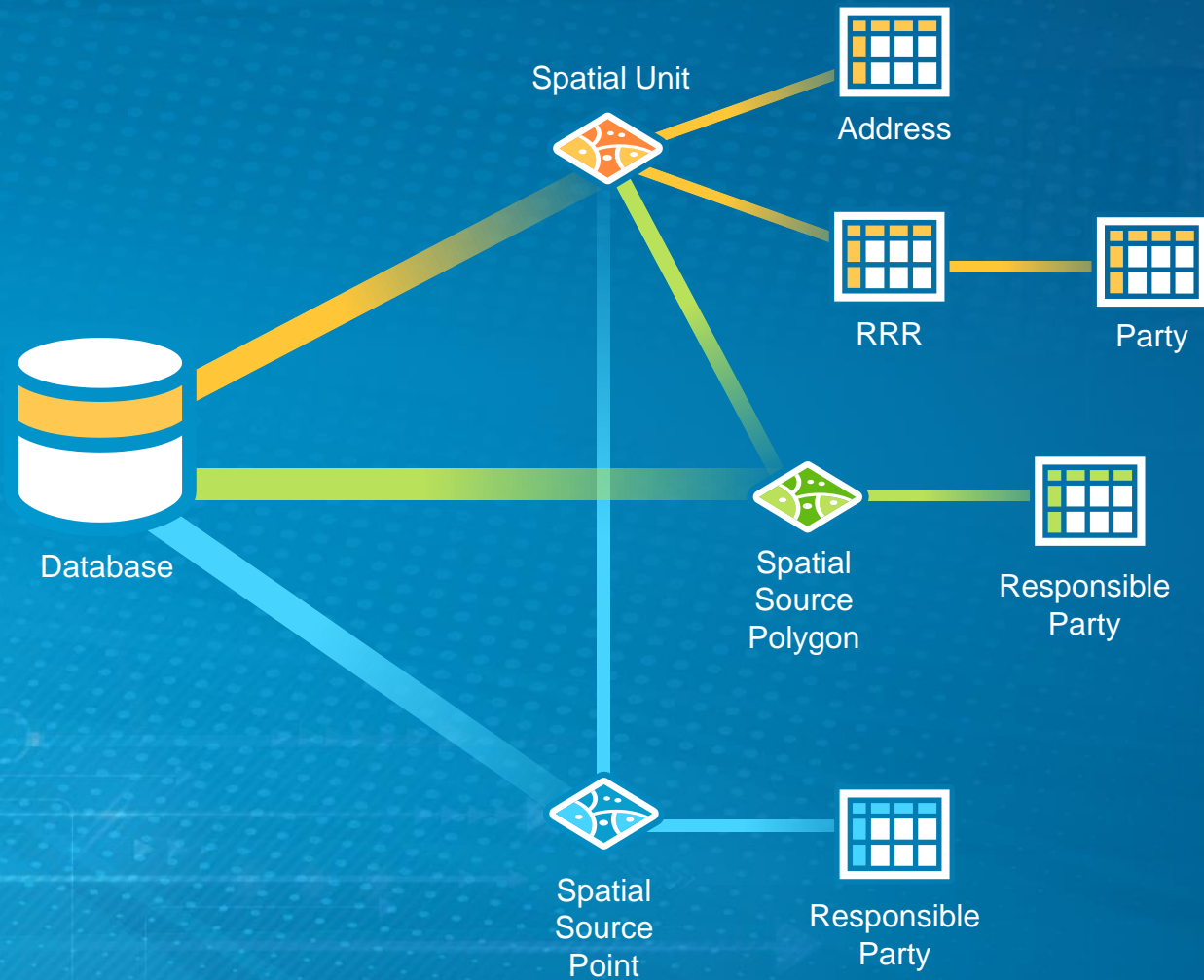
File Assessment Appeals

Open Data

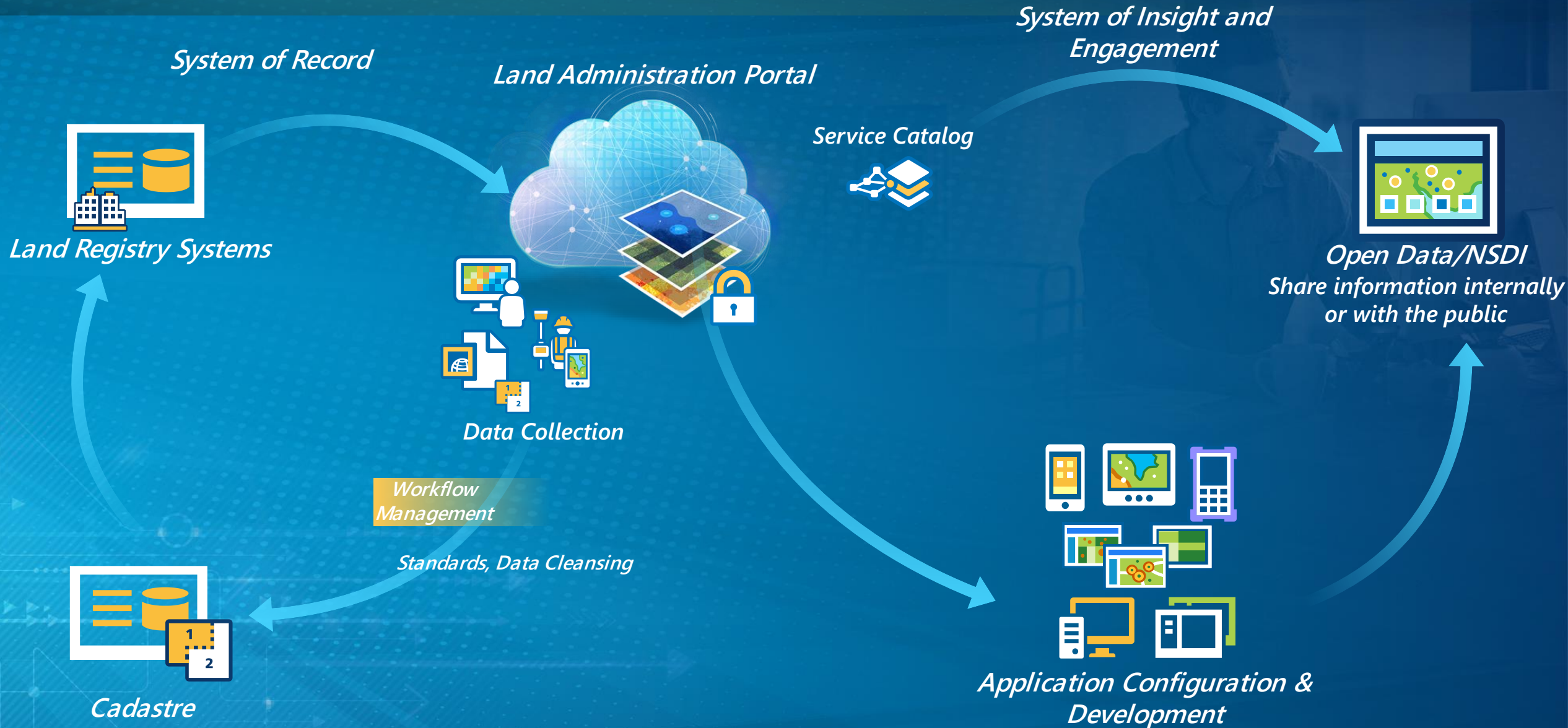


Residential Comp Finder

ArcGIS LADM Implementation



Land Administration & ArcGIS



CONCLUSIONS AND MAIN RECOMMENDATIONS OF RELEVANCE TO THE REGION

ArcGIS provides scalable solutions for collecting and managing parcels along the land rights continuum.

The Land Administration Domain Model can also scale, and is an internationally recognized ISO standard.

Bringing ArcGIS and LADM together enables seamless data management whether Fit for Purpose, local, regional or national.

THANK YOU FOR THE ATTENTION!