FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting Our World, Conquering **New Frontiers**

Pre-En-Based Geospatial Knowledge Infrastructure

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G Working Week 2







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Overview

1 Intro
2 What's there (FELA, FFP, LADM)
3 Who should contribute
4 Components of FELA helpful in GKI
5 Geospatial software tools
6 GKI related to FELA
7 Conclusions



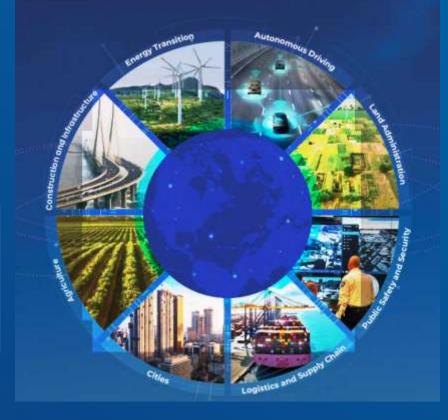
Geospatial Knowledge Infrastructure; Geospatial Readiness Report

Two Key Findings

1. Trusted and authoritative foundation data (such as Cadastre)

2. Technology architecture to make this data available for use

GEOSPATIAL KNOWLEDGE INFRASTRUCTURE READINESS INDEX AND VALUE PROPOSITION IN WORLD ECONOMY, SOCIETY, AND ENVIRONMENT



We need a Geospatial Knowledge Infrastructure on Land Administration to support these two things!



Geospatial Knowledge Infrastructure on Land Administration

Knowledge sharing space

Good land administration practices

Successful technical operationalization

Continual knowledge sharing and contribution

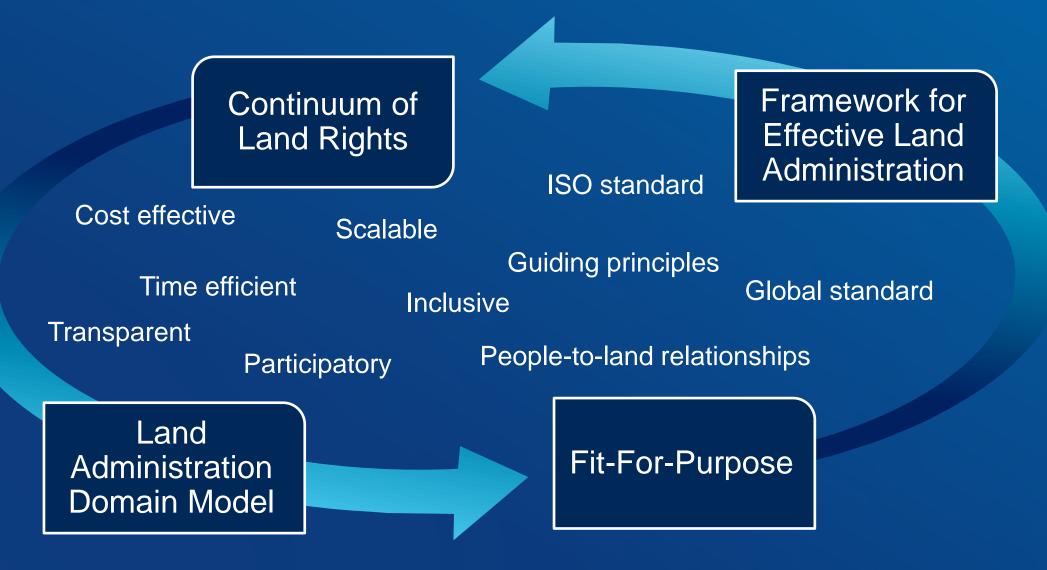


Geospatial Knowledge Infrastructure on Land Administration

Internationally established and agreed upon evaluation, recordation, and tenure security standards should be supported by scalable technical solutions for the development of transparent, trustworthy, secure, and inclusive LASs.



The Need for Land Administration









Conferences & Events





Training and Capacity Building Opportunities Geospatial Software Tools















Communities of Practice







Esri User Community for Geospatial Authorities



Conferences & Events





Training and Capacity Building Opportunities

Land Administration Modernization | Curriculum

This site contains hands-on tutorials, blogs, and videos to help land administration agencies modernize their workflows. Covering every stage of the process, these tutorials teach you how to plan your work, conduct field collection, monitor your operations, and disseminate your authoritative data, all using ArcGIS. The tutorials also explain fundamental GIS concepts and cover multiple ArcGIS software products









System of Record (Transactions)

Bringing Together Systems, Workflows and Content





Parcel Management



Land Use Planning



Property Valuation



Stakeholder Engagement



Collect

Manage

Analyze

Share



Geospatial Software Tools



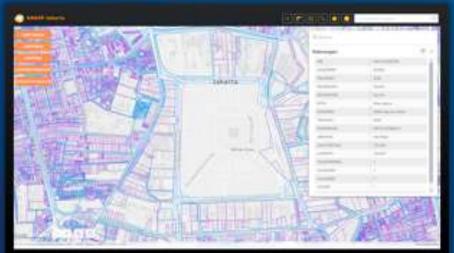
Image Classification from Street-Level Photos



Photo Survey App



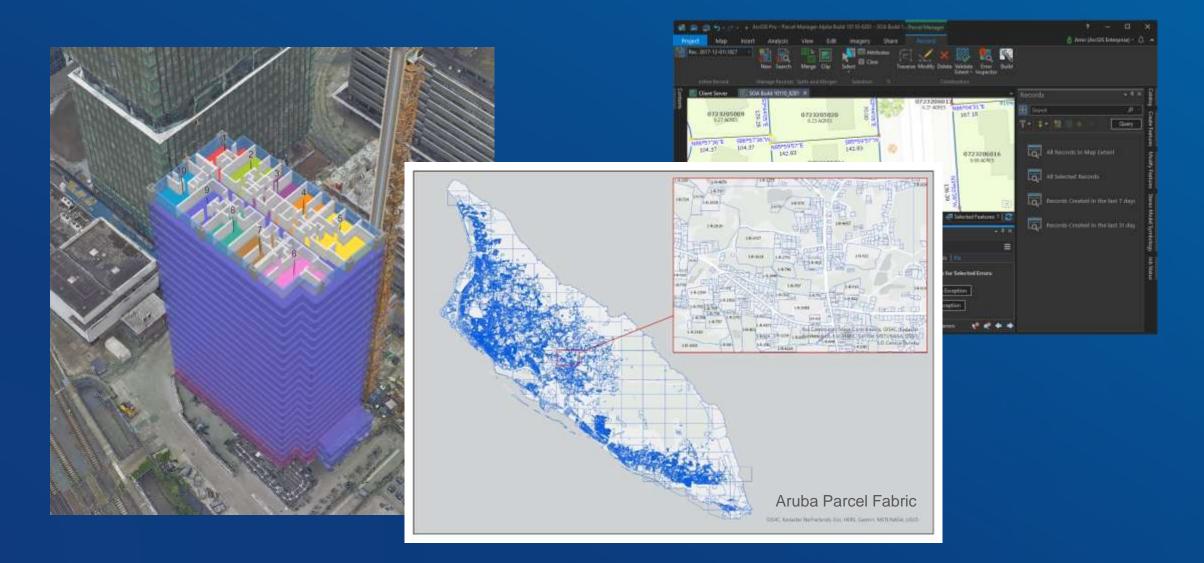
KAKAP Jakarta Web Viewer



Feature Extraction for Tax Assessment



Expertise captured in the Parcel Fabric



Where next?

Training & Capacity Building Conferences & Events Scalable Technical Solutions

Knowledge Sharing Space

Communities of Practice

Multi-level contexts

Standards & Frameworks



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