



# Connecting the Dots

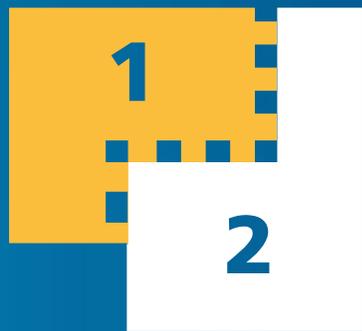
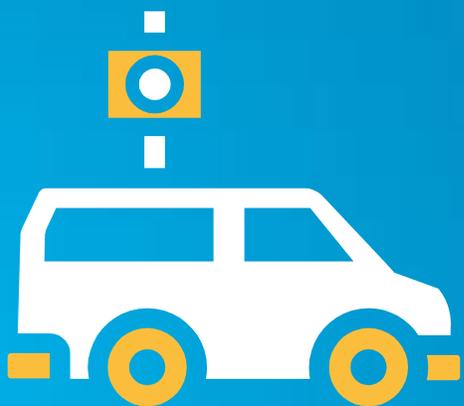
## with GIS

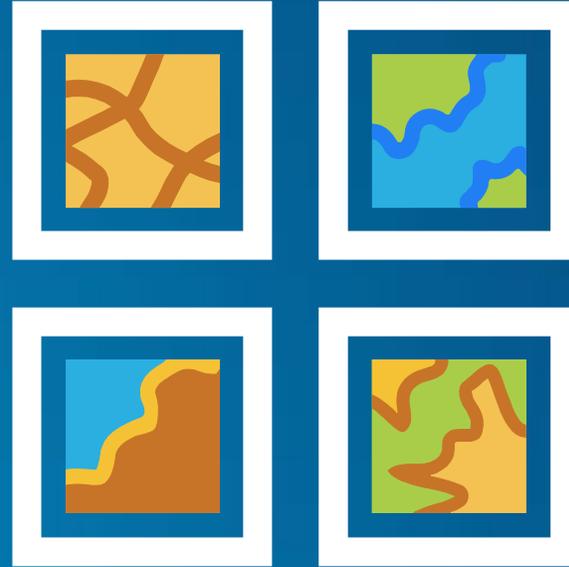
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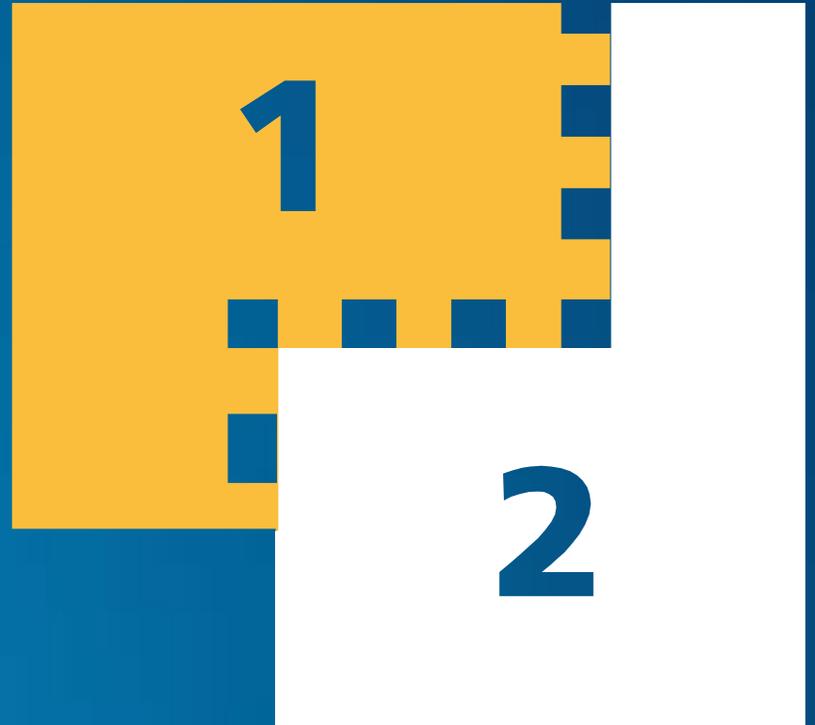
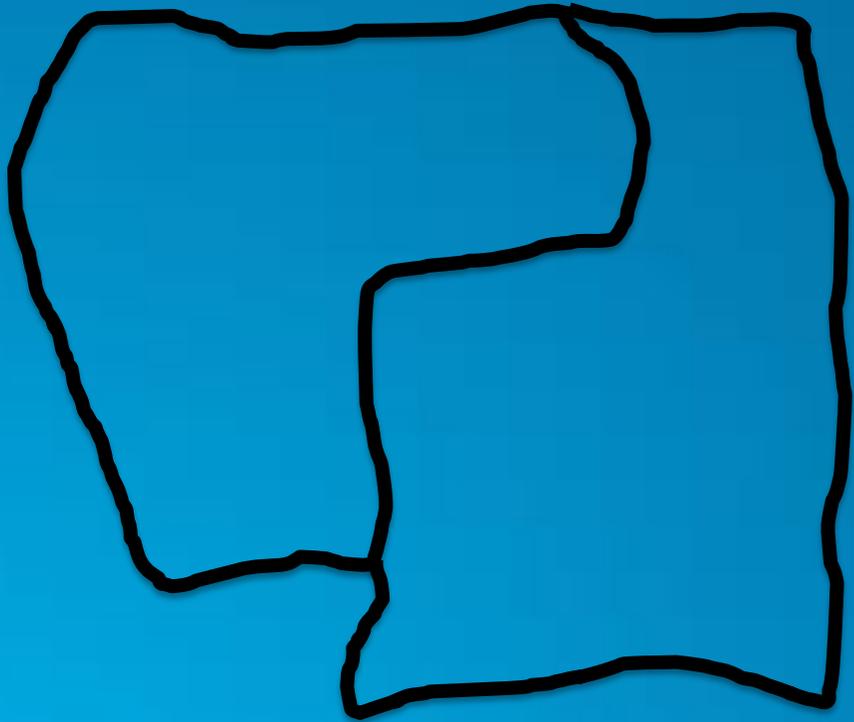




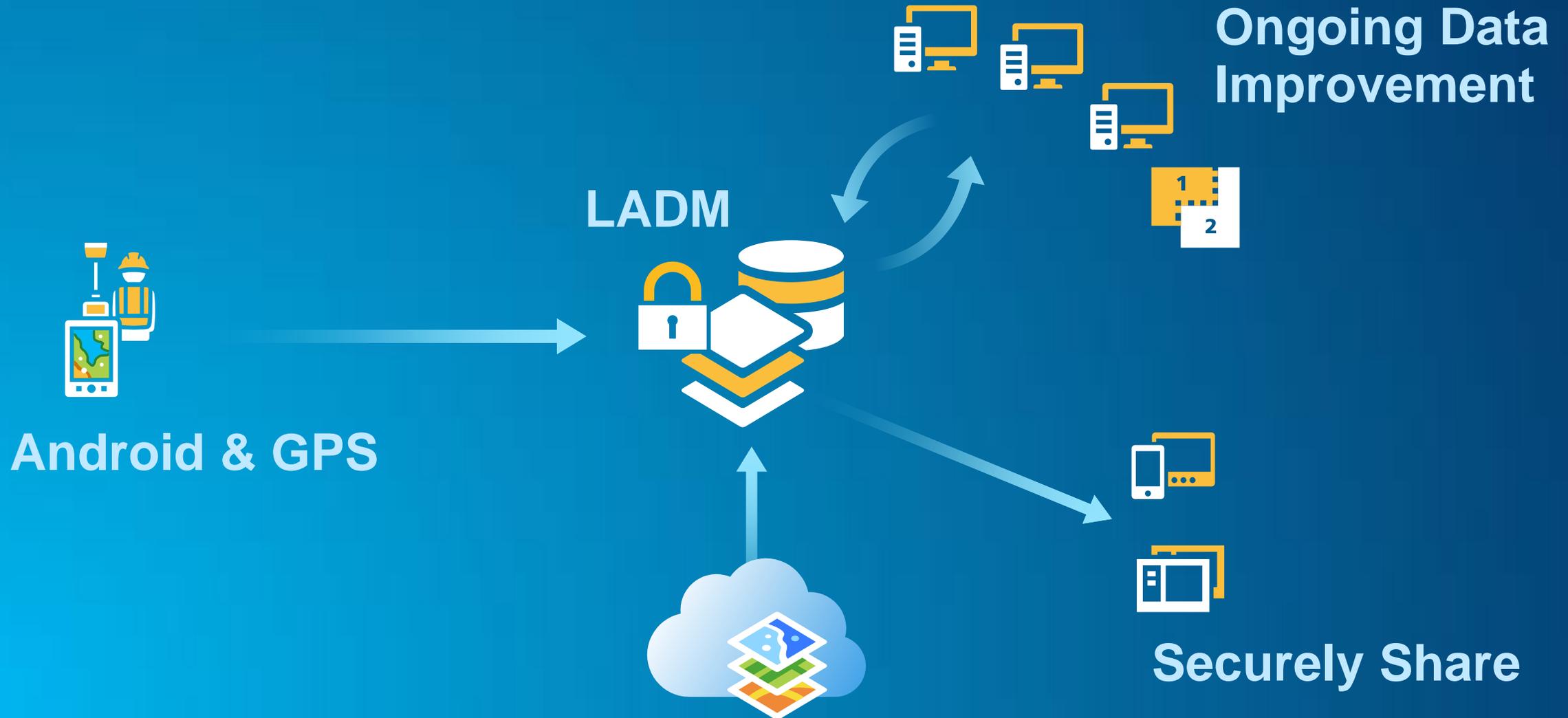
Code







# GIS Connects the Technology Dots



# Collaboration in Colombia

- IGAC – National Mapping Agency
- Kadaster International
- Trimble
- Esri
- Esri Colombia

A screenshot of the GIM International website showing an article titled "Light Mobile Collection Tools for Land Administration" dated 16/11/2015. The article is a proof of concept from Colombia. The page includes a navigation bar with "GIM INTERNATIONAL" and "Mapping the world", a "Sign up now!" button for the GIM E-Newsletter, and the Esri logo. The article text discusses the need for land administration systems and mentions the authors: Mathilde Molendijk (Kadaster), Javier Morales (ITC/Twente University), and Christiaan Lemmen (Kadaster, The Netherlands).

**GIM** Mapping the world  
INTERNATIONAL HOME NEWS ARTICLES AUTHORS THEMES

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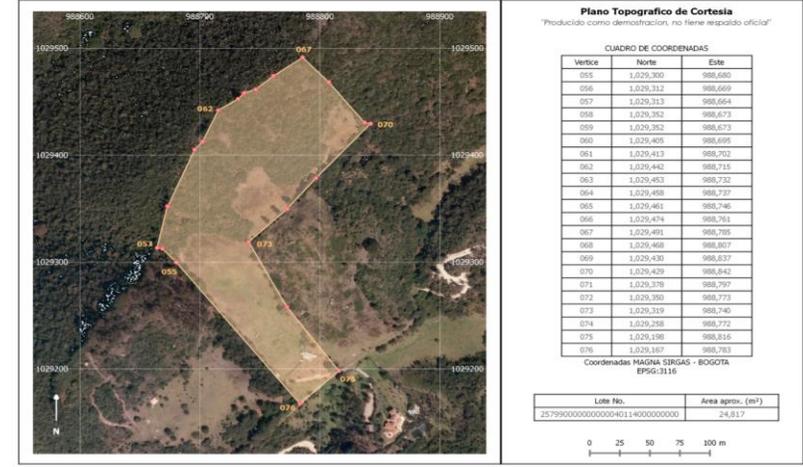
**Article**

**Light Mobile Collection Tools for Land Administration** - 16/11/2015  
Proof of Concept from Colombia

There is an urgent need for the administration of property and land use rights worldwide as the basis for social and economic growth. Notwithstanding the enormous investments by governments and international organisations in the development of such systems over the past decades, it is still estimated that, from a global perspective, 75% of the relations between people and their land are not documented. So which methods and techniques can be used to develop land administration systems for all, and within our generation? Light mobile collection tools may offer a solution, as presented in this proof of concept from Colombia.

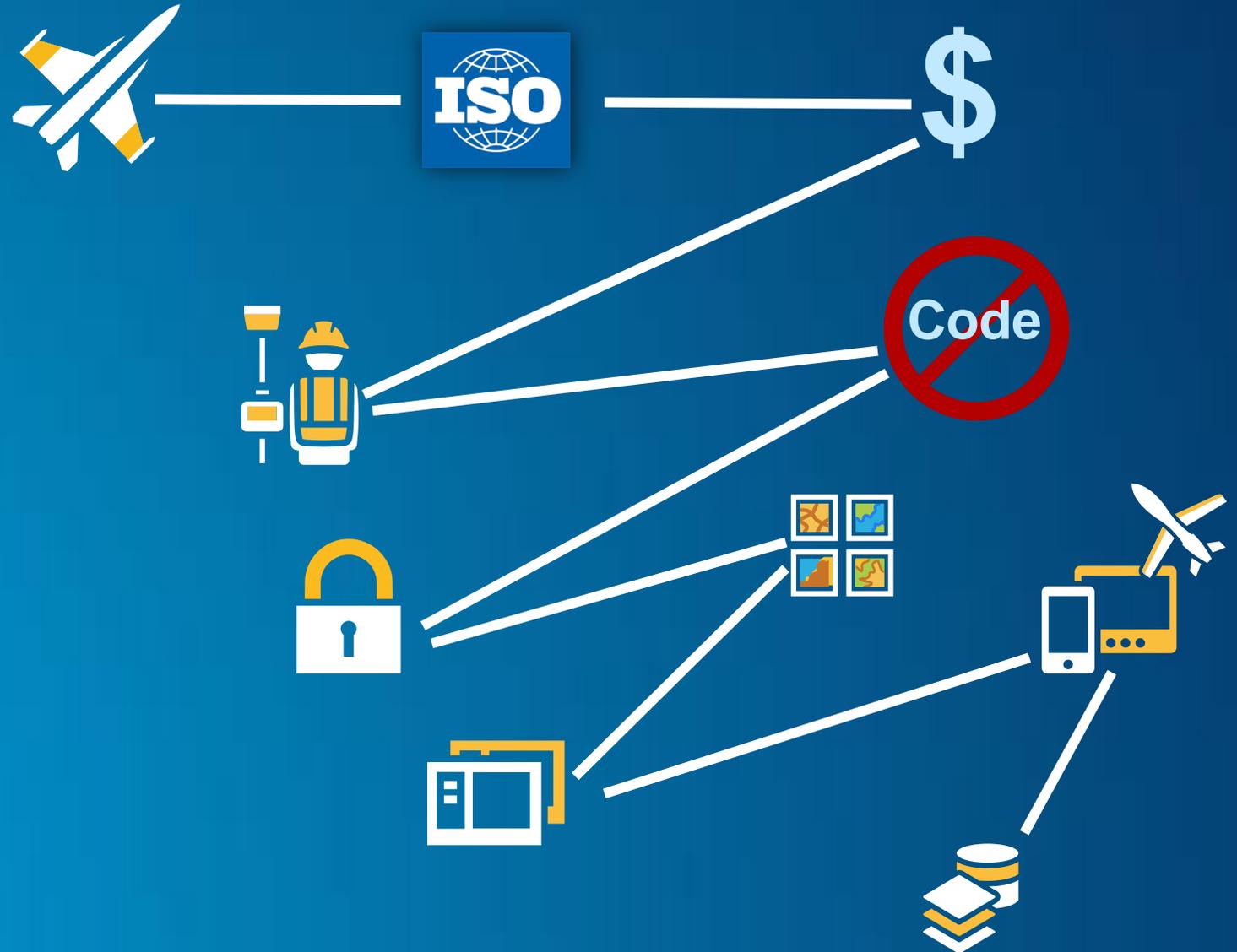
*By Mathilde Molendijk (Kadaster), Javier Morales (ITC/Twente University) and Christiaan Lemmen (Kadaster), The Netherlands*

# Colombia



# Fit-for-Purpose Land Administration in Colombia

- Fast-to-Implement
- Standards-based
- Low Cost
- Accurate
- No Software Development
- Secure
- Leverages External Data
- Use Many Devices
- Future Proof
- Scalable
- Repeatable
- Works Disconnected





# Connecting the Dots

## with GIS

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Understanding our world.