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Growth Centre

In Memoriam: Patrick Musoke, KCCA

**Redefining the "Smart City" to build an
evidence base to enable cities that work**

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Commonwealth Sustainable Cities Summit

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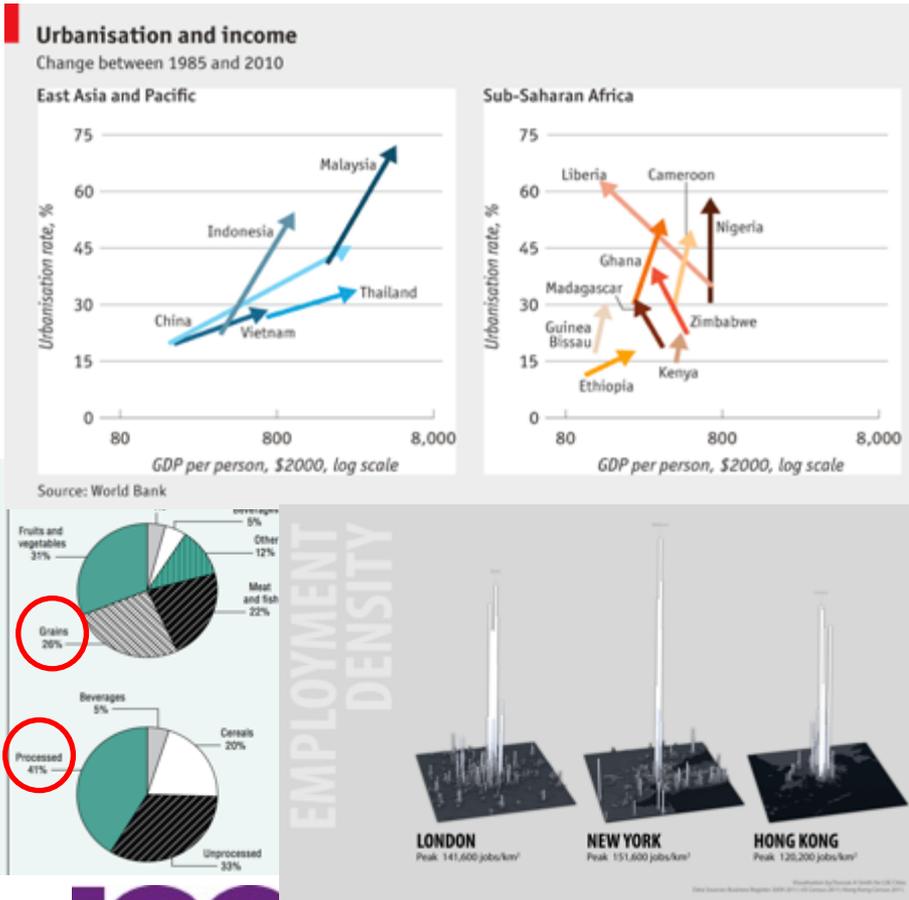
A vision for sustainable urban development...

“Africa is not devoid of success stories – we need to make these available as best practices to guide an African urban agenda”

--Patrick Musoke (1966 - 2021)



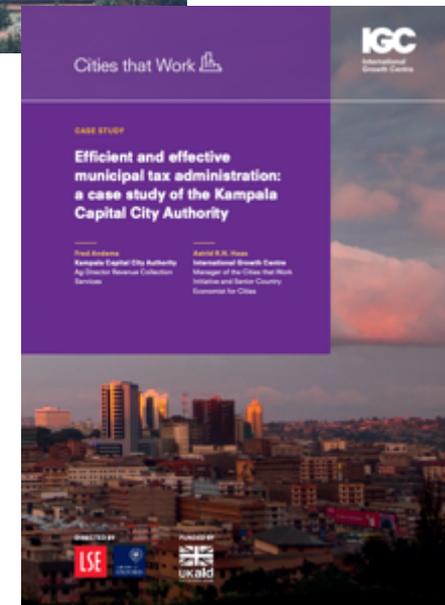
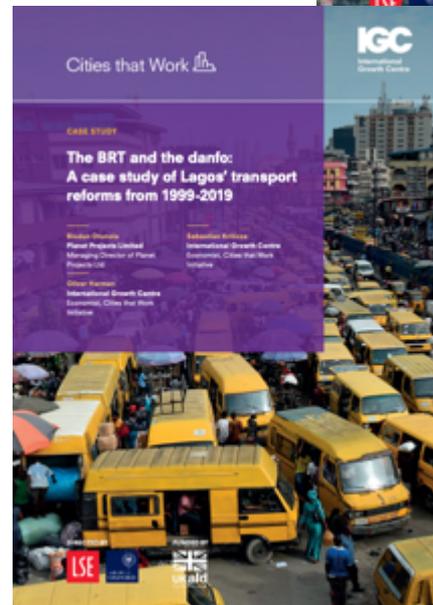
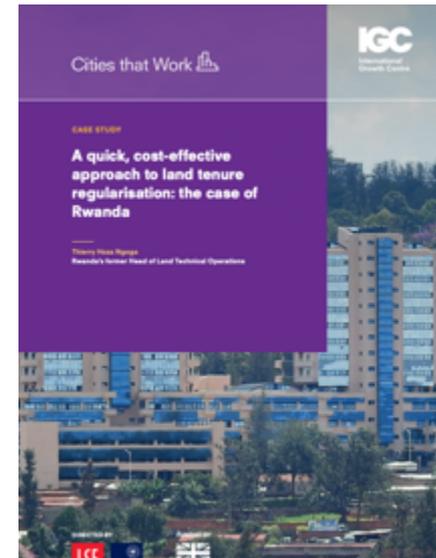
...which is founded on a strong evidence base...



- Make better decisions
 - Overcoming biases
 - Improve allocation and targeting of infrastructure and service delivery
 - Forecasting and future planning
 - Evaluate policies
- Promote cross-city learning
 - Leverage existing ideas
 - Saving time in choosing between policy options by building on the experience of others in similar contexts.

...which at its core supports decision-making and governance for African cities...

- ✓Evaluating and documenting reforms
- ✓Distilling best practice into an accessible and actionable format
- ✓Creating a platform for knowledge exchange and peer-learning between cities
- ✓Executive training for city managers and administrators
- ✓Engaging urban experts and peers to review policies and programmes.



...and through this leads to transformative outcomes.



Leveraging global expertise, but driven by African cities and their priorities

- Discussing country and regional perspectives and priorities in implementing global and regional urban development agendas such as 2030 Agenda, SDG's, and the NUA.

Increasing the longevity of policy-making beyond political cycles, and moving from rhetoric to action

- Focusing on managers and administrators in cities – going beyond political leadership.
- Focusing on practical and actionable recommendations, at the same time as reviewing and holding accountable for progress.



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What evidence do we need?

Data as a tool for achieving good governance

The basis of re-defining the ‘Smart City’ is to find solutions to problems rather than problems for solutions...

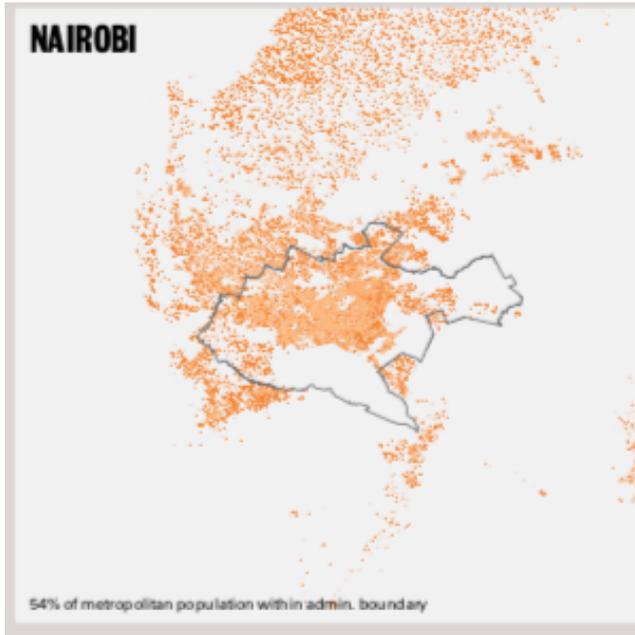
“For many of our challenges, we don’t need new technologies or new ideas; we need the will, foresight and courage to use the best of the old ideas.”

--Shoshanna Saxe, University of Toronto

What investments and data will:

- ...improve urban liveability?
- ...promote local economic development?
- ...ensure sustainability and resilience
- ...meet growing demands with limited resources?

...which should start with understanding **WHAT** are the priority challenges a city is looking to address in a resource constrained environment...



...and then evaluating the existing data to support city governance...

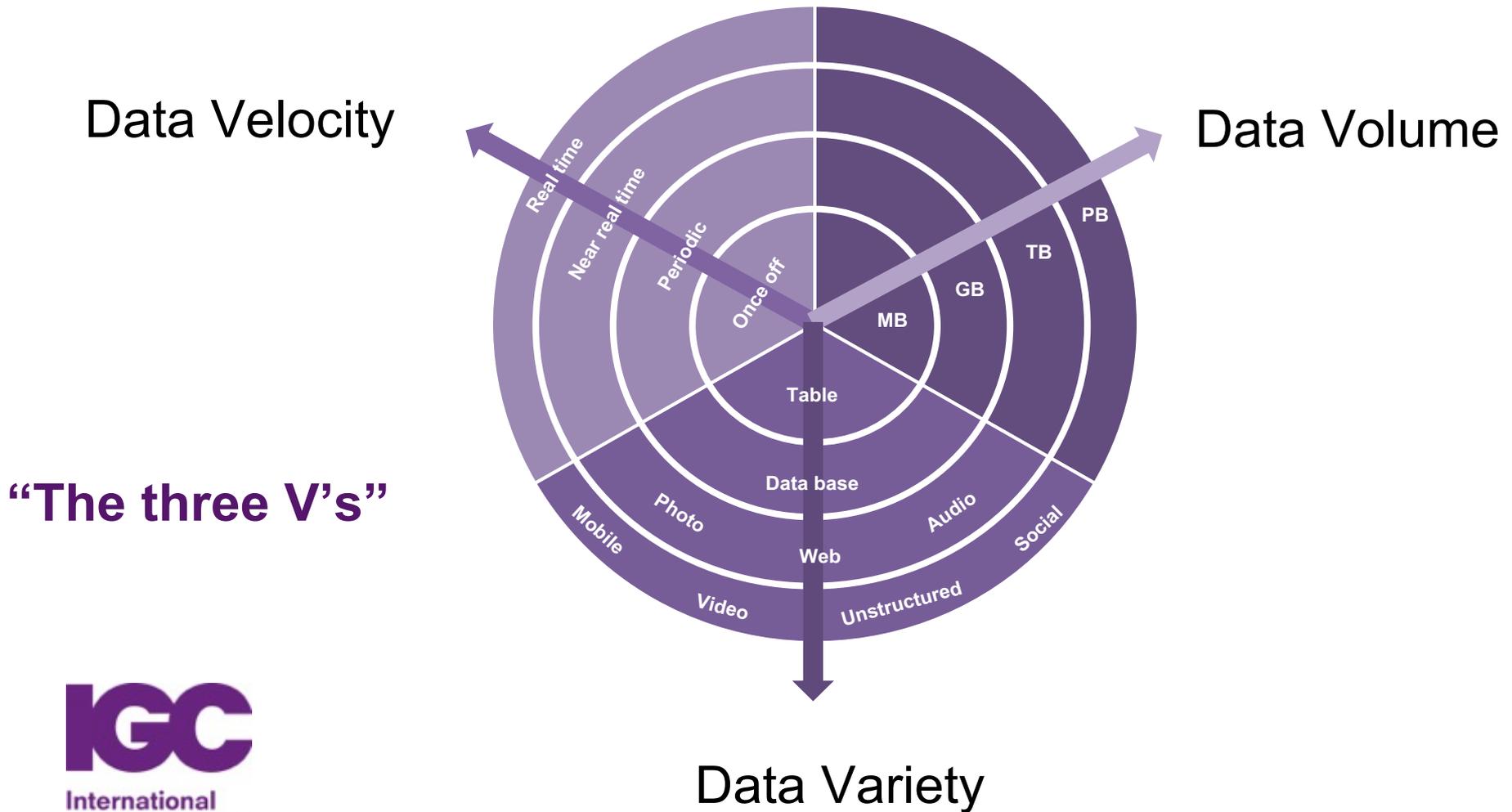
Individual units of information, present all around us in a variety of different shapes and forms.

How can we make this data:

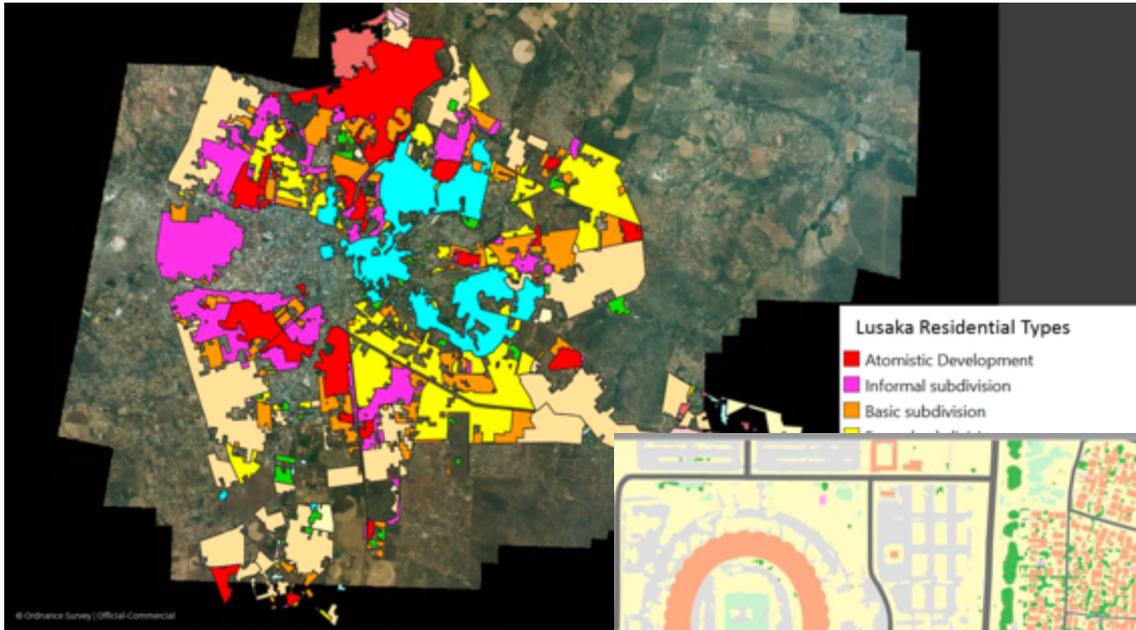
- Higher quality and more frequent
- More accessible
- Increasingly user friendly
- Coordinated and comparable



... followed by understanding how this can efficiently be supplemented by new forms of data...



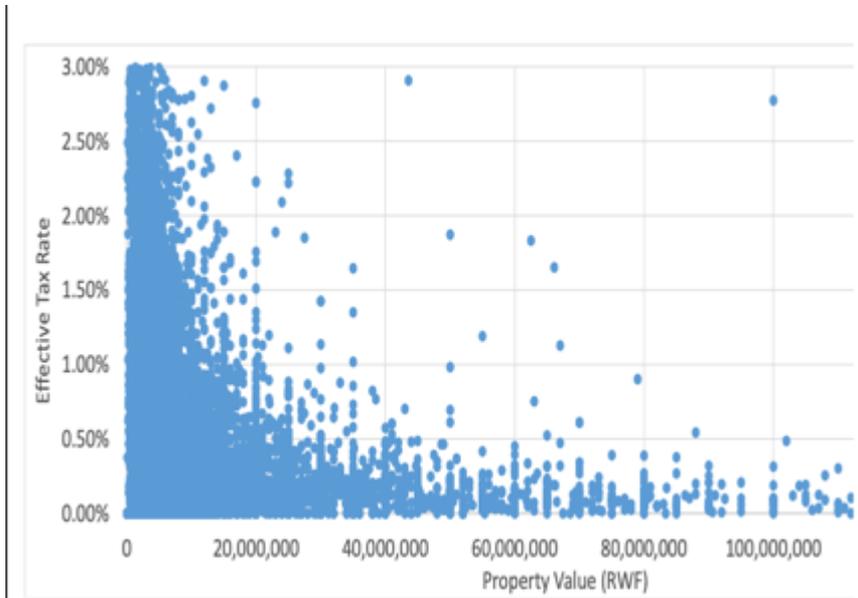
...to provide a better understanding of the urban environment...



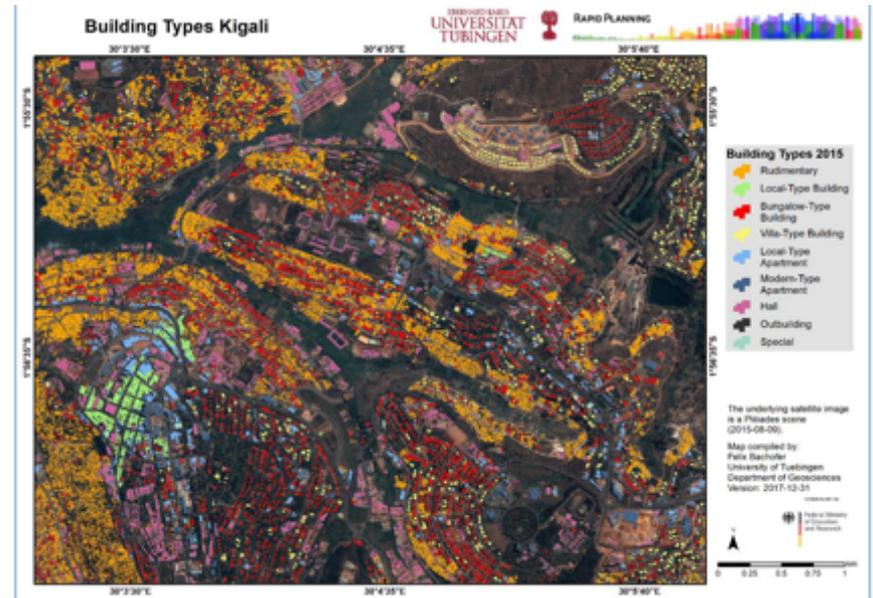
Identify Results

Feature	Value
Buildings	
SettlName	
(Derived)	
(Actions)	
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Theme	Buildings
ImgCapDate	2017-01-01
BldingArea	141.4398401
SettlName	
StructType	
NumOccups	0
NYUTypCode	0
NYUTypDesc	
ParcelNum	0
TshipName	
TshipPlnnd	Unplanned
TshipLegSt	
TshipUpgr	
TshipType	Squatter Settlement
WaterProxM	0.0000000

...whilst acknowledging the opportunities but also the limitations...



Source: Kopanyi and Murray 2016



Source: Bachoferi and Murray 2018

...and how these can be overcome by a mixed approach...

Traffic estimate on a week day in the city of Kampala



...and tailored to suit local capacity and circumstances...

Property Details Contacts Photo Gallery Measure Features Documents Payments

Street
Allen Town Main Road

Street Number
104

Community
Allen Town I

Building Name

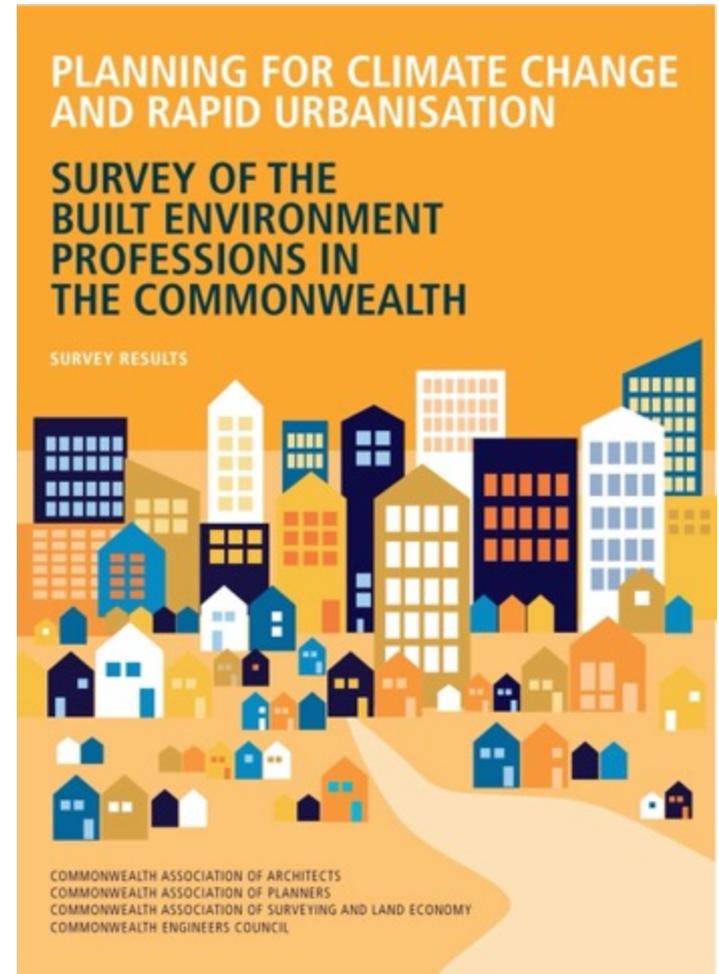
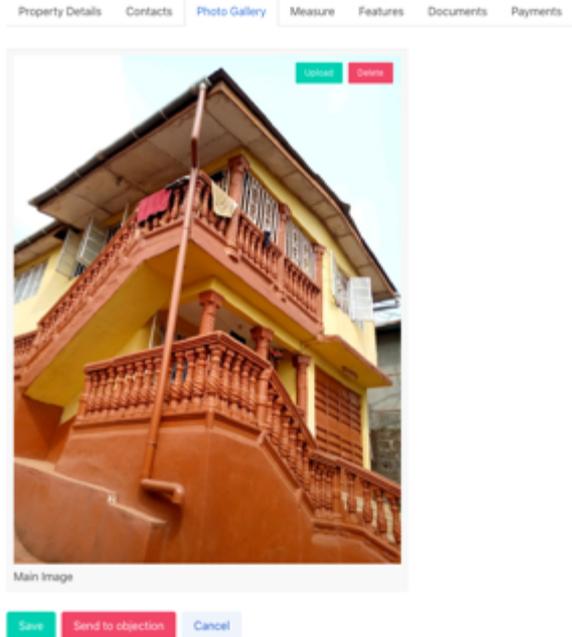
Number of Floors
1.25

Save **Send to objection** **Cancel**

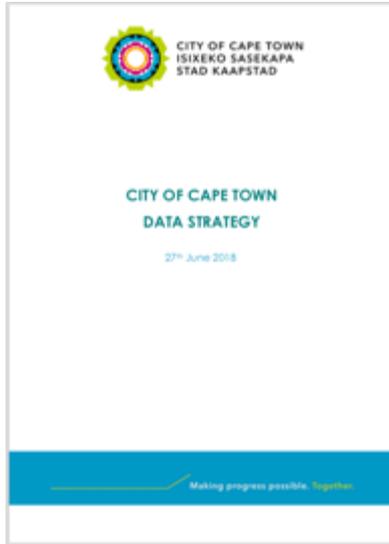
Roof Top Area
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Coordinate Lat
8.419627

Coordinate Lng
-13.156563



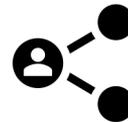
...within a framework that outlines the key ingredients of a city's data driven approach...



Strategic vision and oversight



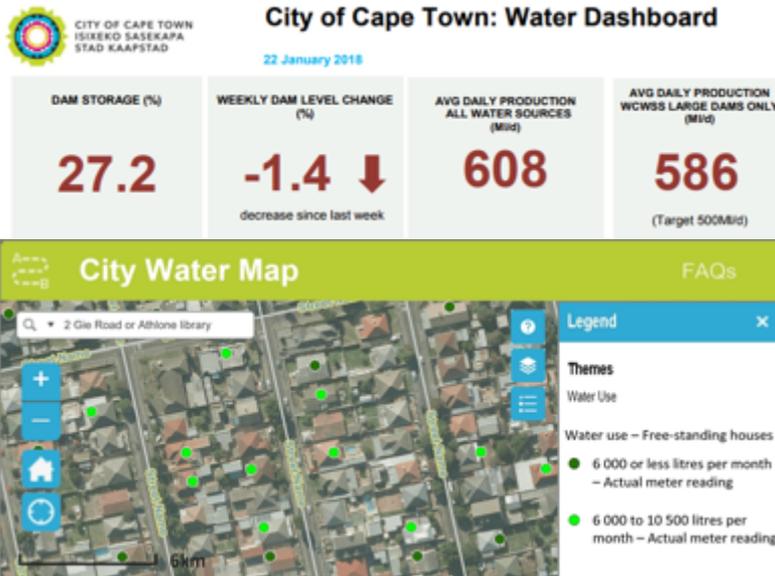
Conducting a comprehensive data inventory



Data infrastructure and sharing



Human resource and capacity development



...with the explicit aim of improving our cities.



Improved targeting and allocation of resources



Forecasting future demands for public services



Evaluating the impact of policies



Thank you!

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