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WARSAW CONGRESS 2022

Volunteering for the future –
Geospatial excellence
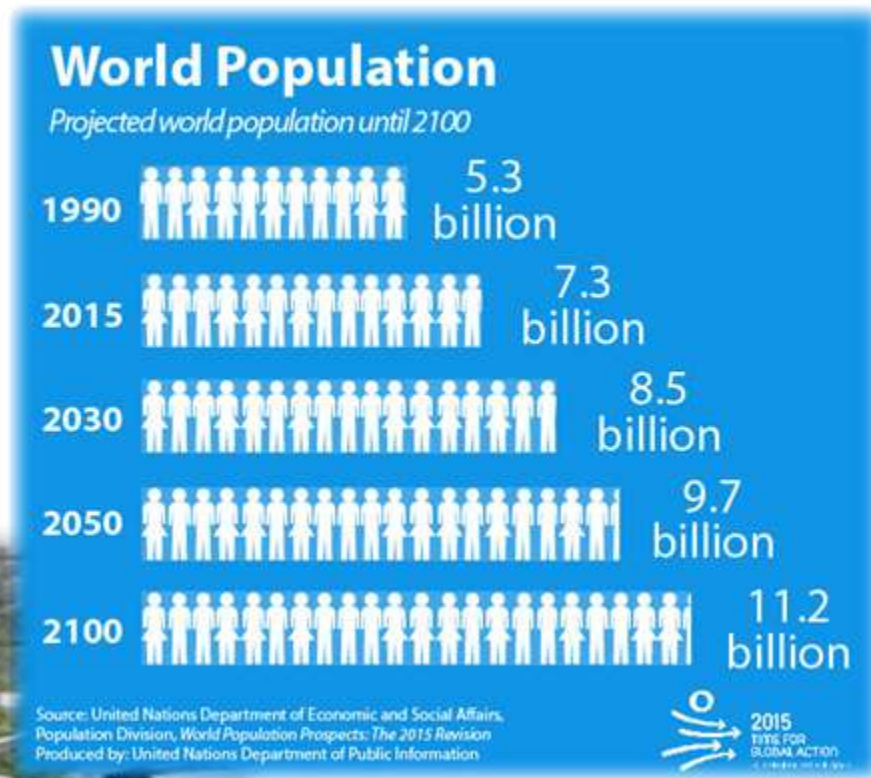for a better living

Introduction

Rapid urbanization is increasing against the limited resources (e.g. urban sprawl 175% by 2030, slums)

About 2.5 billion more people will be living in cities by 2050 – 6.7 billion (68.4%) by 2050 in total.

Complex challenges of inequality and governance

Covid-19 pandemic? Conflict? What next?

What are the lessons learnt?

World Population
Projected world population until 2100

1990 — 5.3 billion
2015 — 7.3 billion
2030 — 8.5 billion
2050 — 9.7 billion
2100 — 11.2 billion

Source: United Nations Department of Economic and Social Affairs,
Population Division, World Population Prospects: The 2015 Revision
Produced by: United Nations Department of Public Information

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Global Commitment on Sustainable Urbanization

Leaving no one behind will require an intensified focus on urban slums – home to 1 billion people.

The Sustainable Development Goals (SDG) 11

- Target 11.1: By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums

- NUA - Adopt and implement disaster risk reduction and management, reduce vulnerability, build resilience and responsiveness.

- Strategic Plan 2020-2023 Outcome 4: Effective urban crisis prevention and response

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Learning by Doing – Covid-19 Experience

Strong commitment through the 2020 Covid-19 Response Plan

- Strengthen the urban data evidence to shape local responses
- To support data collection, mapping and analysis using smart technologies
- Leveraging partnership its extensive network of partners on the ground

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THINK

COVID-19 CAMPAIGN
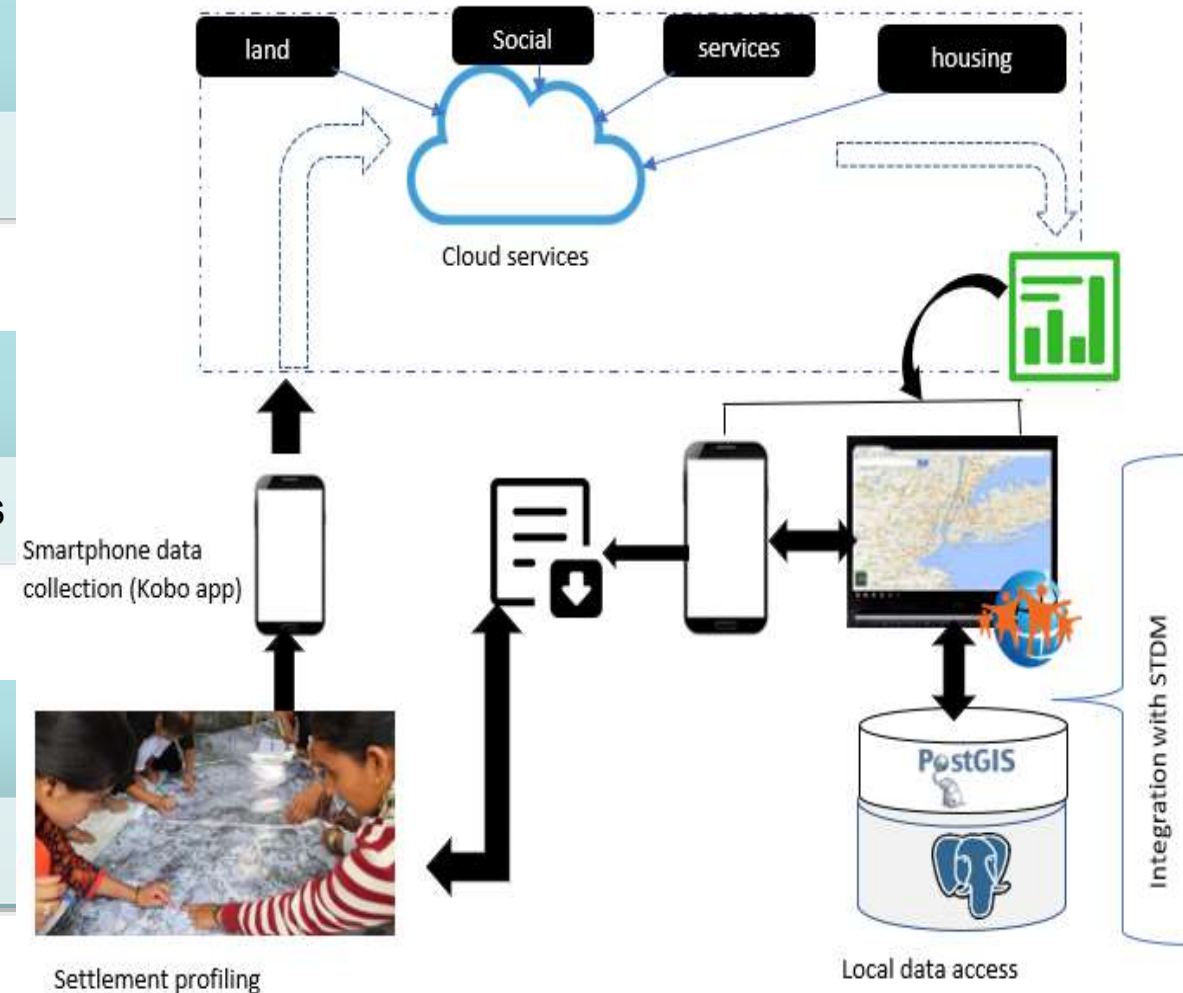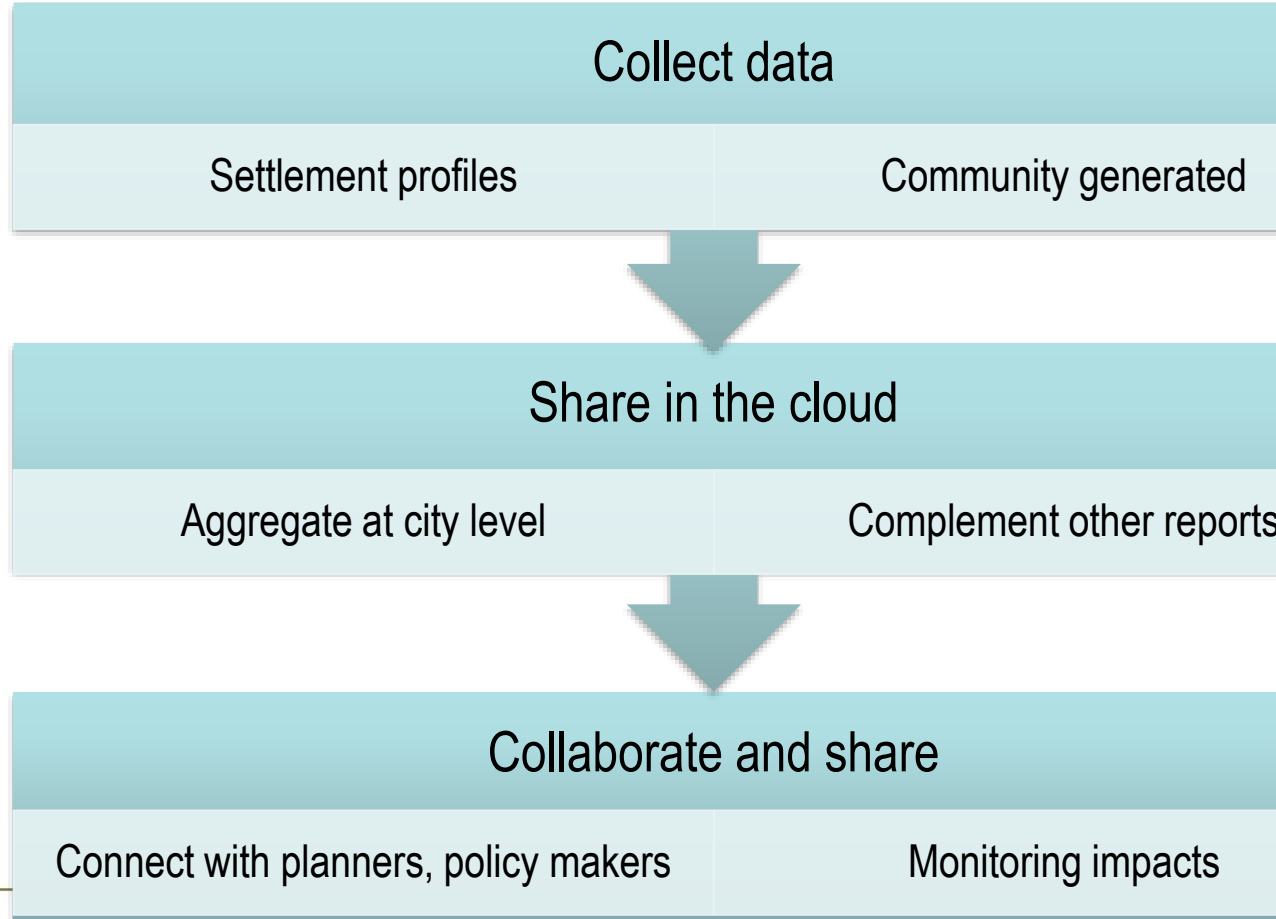**UN-Habitat's COVID-19 Response Plan**

GLTN Objectives

- Build on Social Tenure Domain Model / FFP LA experiences - Holistic and comprehensive interventions on land and housing tenure, slum upgrading and city-wide profiling and development – GLTN is working in **over 10 countries in Africa and Asia pacific.**

- Scale the PSUP and GLTN interventions in settlement upgrading– **PSUP has over 23 countries in Africa but in different scales. Around 15 at neighborhood level.**

- Focus on one tool and one data solution and scale down on duplication – coordination and integration

BRIEF 1/2014

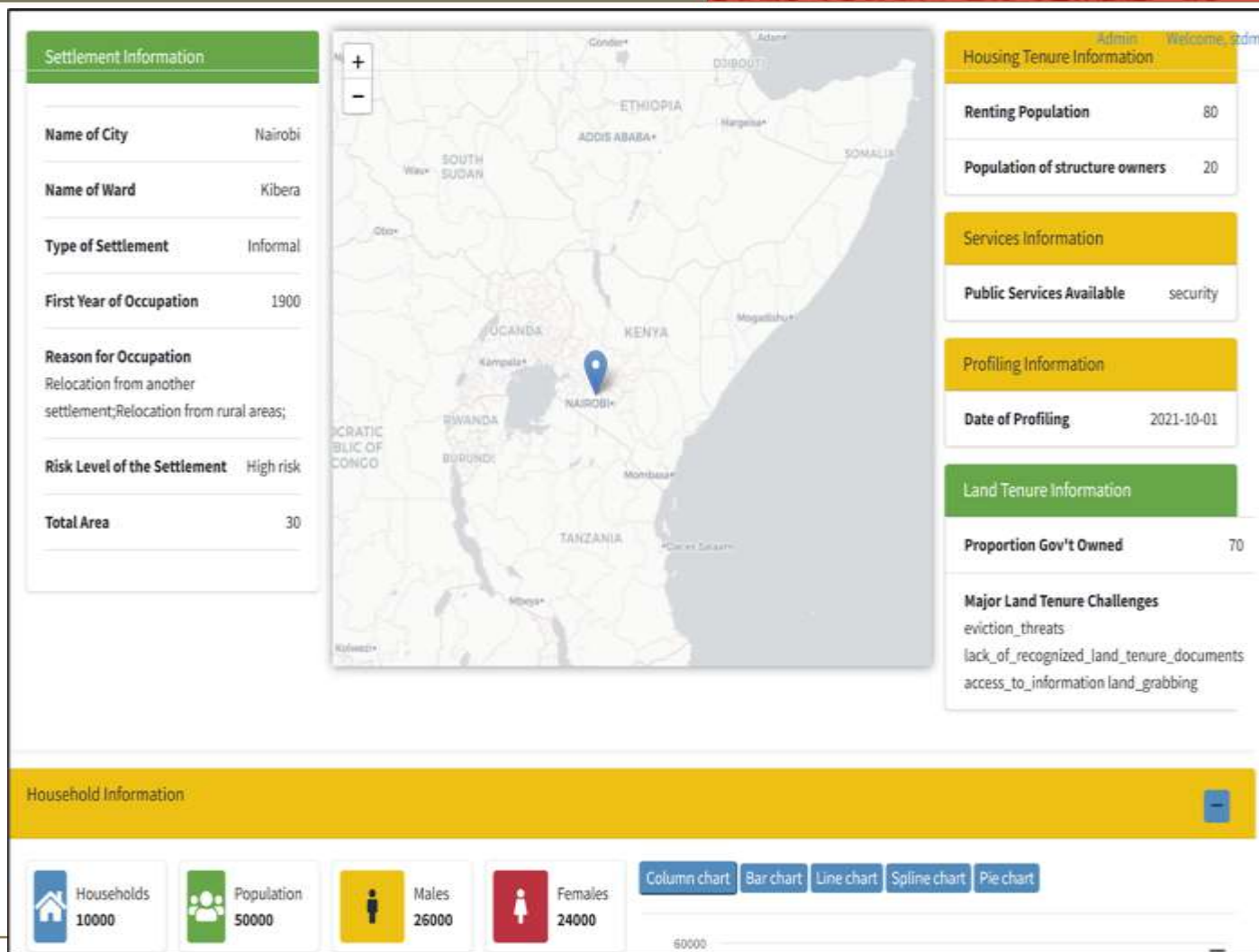ADDRESSING THE INFORMATION REQUIREMENTS OF THE URBAN POOR
STDM PILOT IN UGANDA

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Design of City-wide Profiling Cloud-based Platform

Collect data

Settlement profiles   Community generated

Share in the cloud

Aggregate at city level   Complement other reports

Collaborate and share

Connect with planners, policy makers   Monitoring impacts

land   Social   services   housing

Cloud services

Smartphone data
collection (Kobo app)

Integration with STDM

PostGIS

Settlement profiling

Local data access

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One Tool One Data Approach

- Settlement profiling dashboard

- Community Driven data collection

- Real-time data access and visualization

- Contributions by partners in quality control of the data

- Pilot test in 4 countries – Kenya, Uganda, Nepal, Zambia

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Integrated Dashboard – based on the Social Tenure Domain Model Framework

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Reporting and Statistical Analysis towards City Profiling Approach

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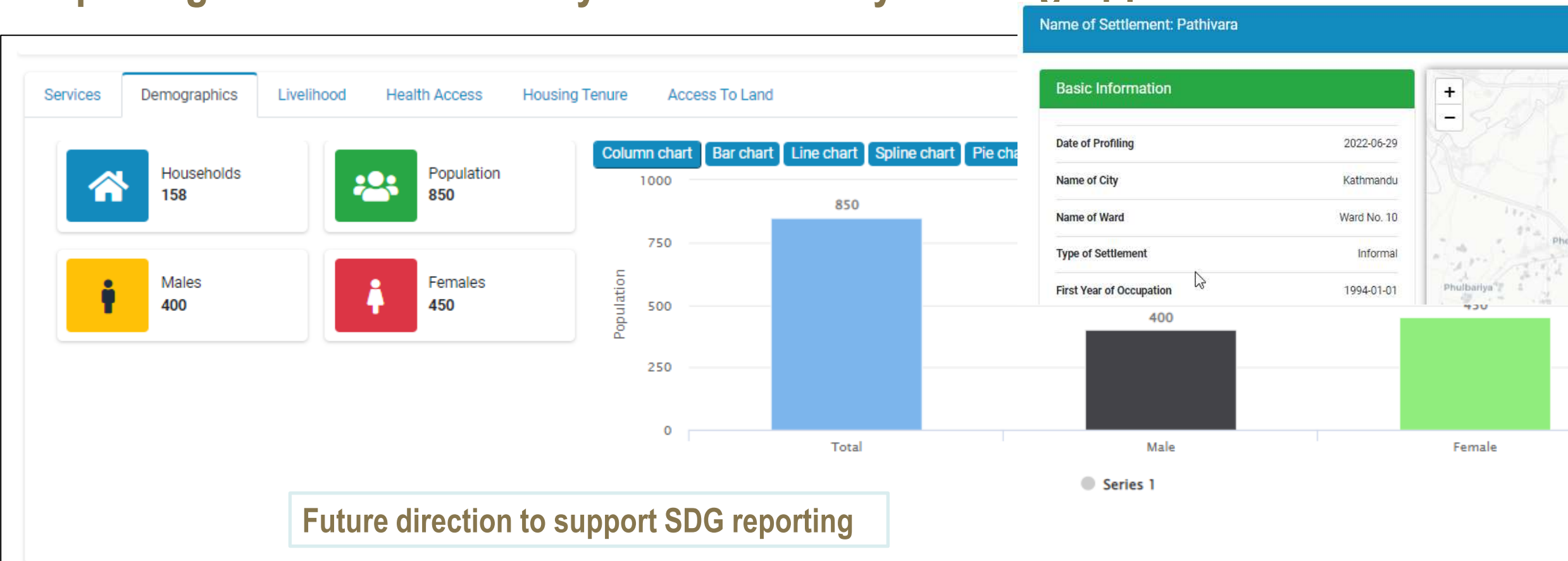
Gaps and Challenges

- Data security in the cloud

- Building trust with policymakers

- Acceptance by policymakers

- Continous updating

- Multiple language and local dialects

Data owner?

Trust

Validity

Accuracy

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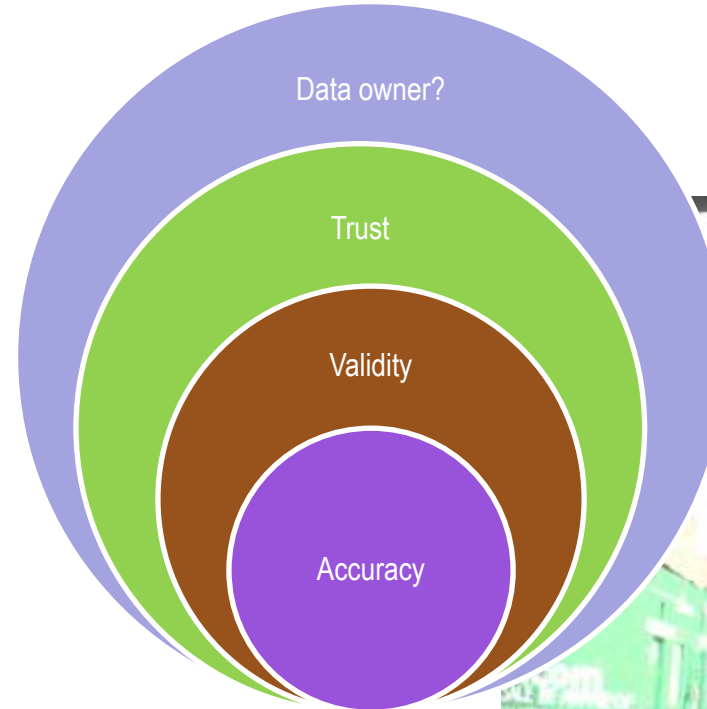
Way Forward and Next Steps

- Reach out to policymakers and planners at the city level

- Engage with more partners in testing and scaling up at the country/ city level

- Enhance reporting on SDGs and spatial analysis

- Promote continuous data generation by partners and communities

- Linkage to planning and policy discussions

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NEED TO KNOW MORE?

GLTN Secretariat
UN-Habitat, P.O Box 30030, Nairobi 00100, Kenya

gltn@unhabitat.org

www.gltn.net