



Presented at the FIG Working Week 2023,
28 May - 1 June 2023 in Orlando, Florida, USA

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Protecting
Our World,
Conquering
New Frontiers

The Social Tenure Domain Model (STDM) Framework

Lessons and opportunities from a decade of experiences in the country applications

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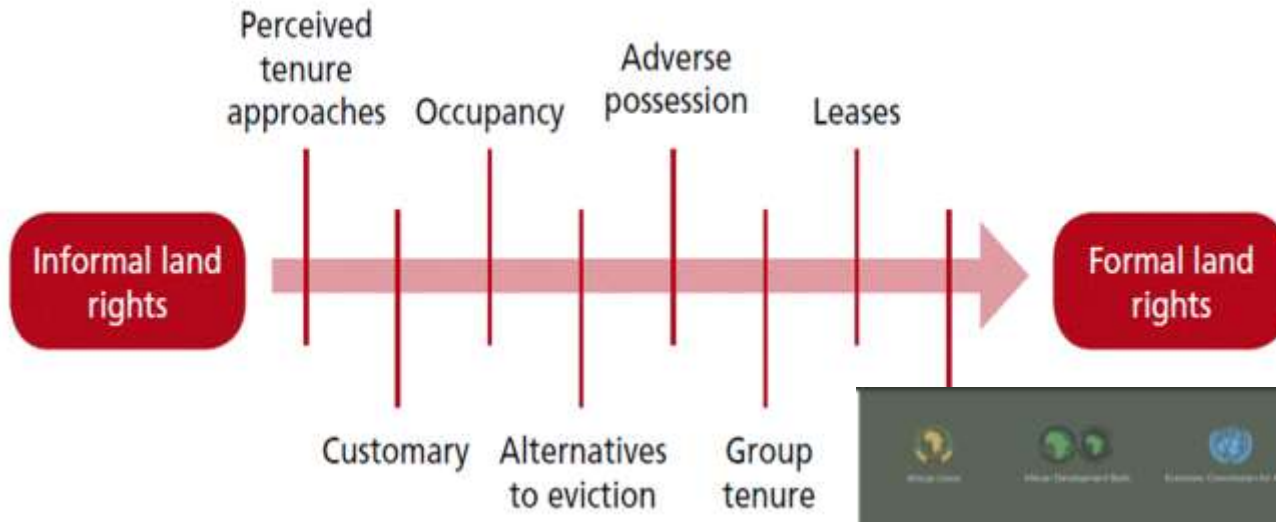
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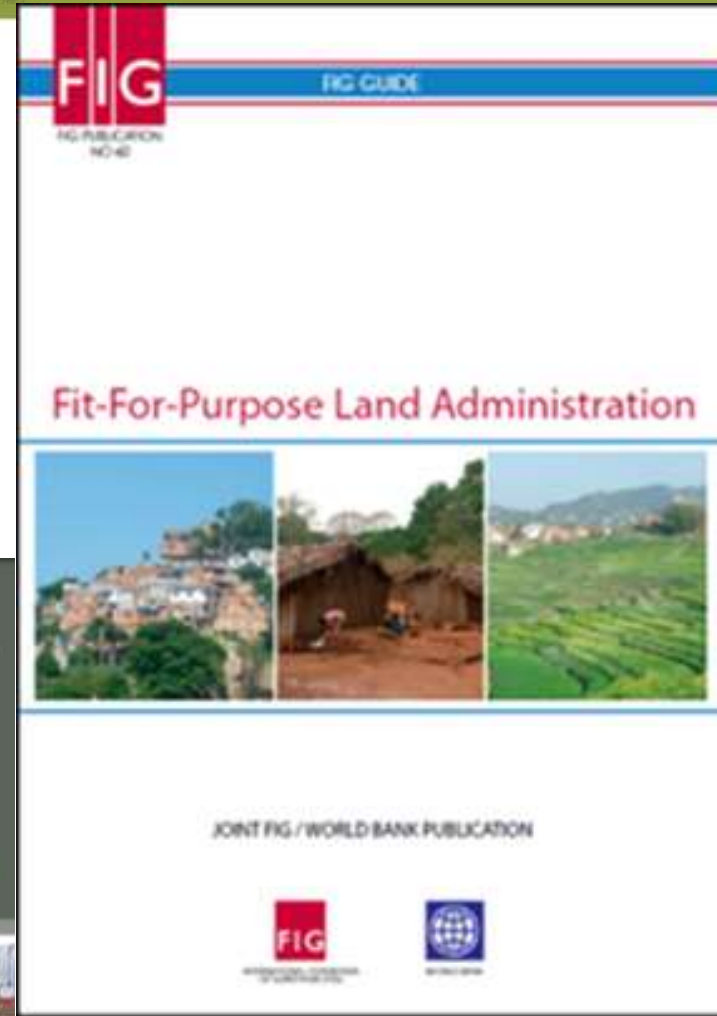
Background

- Global land governance challenges - billion people in slums, low coverage in formal cadaster, gender disparities, evictions, informalities etc.
- Evolving domain models of LAS – CCDM, LADM vis-à-vis STDM, and so on (social-technical approaches)
- Disruption of the industry – pro-poor land recordation, pro-poor land policy – Continuum of Land Rights, FFPLA, FELA, VGGT
- Affordability issues - durable and flexible solutions that are inclusive and participatory

Conceptual Underpinnings



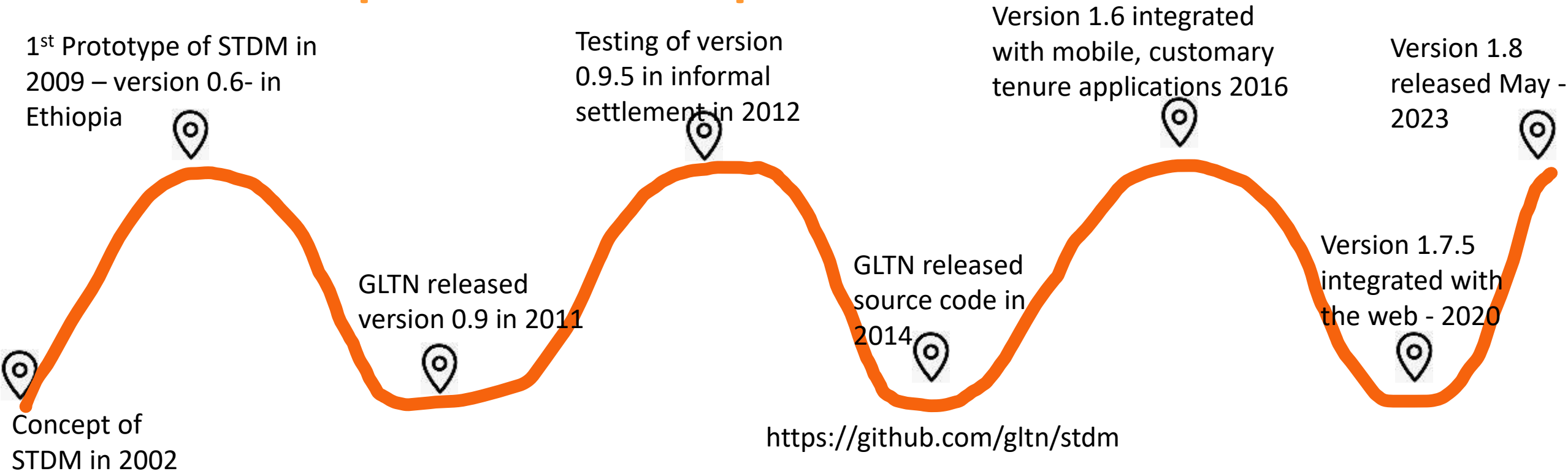
GLTN: Pro-poor, gender responsive and fit-for-purpose land policies, tools and approaches



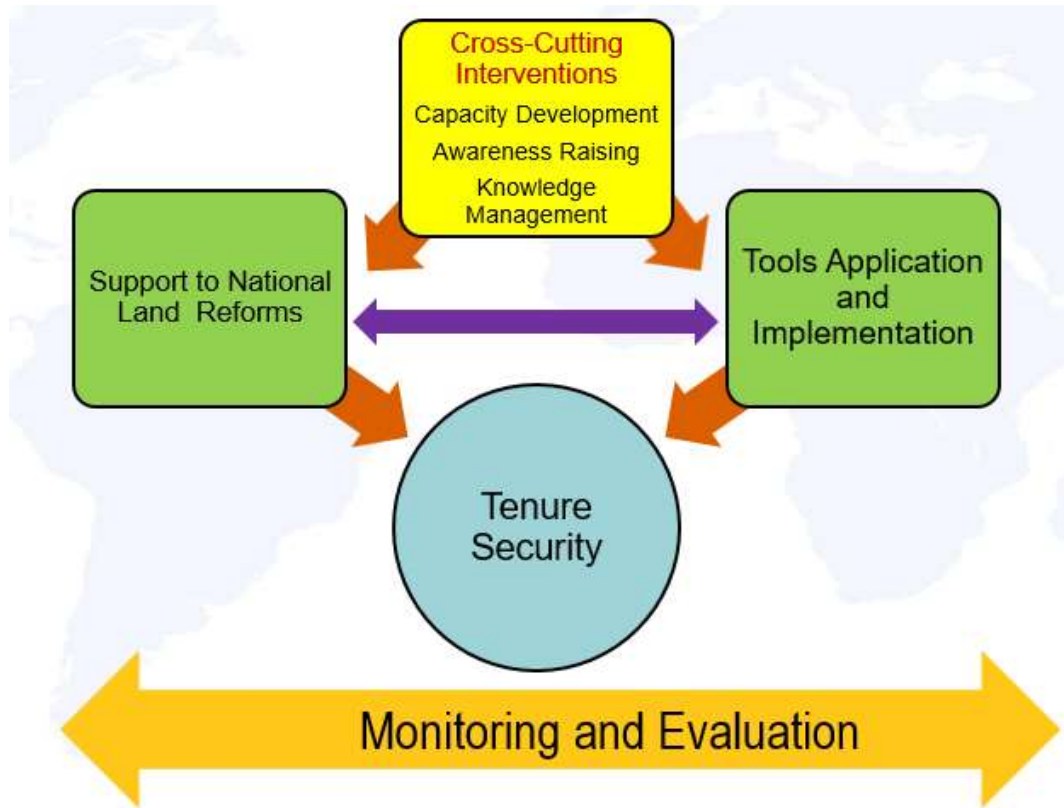
Social Tenure Domain Model (STDM)

- STDM as a **Concept** – Bridging the gap to represent people-to-land relationships independent of the level of formality, legality and technical accuracy.
- STDM as a **Model** – It is a ‘specialization’ of the ISO-approved Land Administration Domain Model (LADM).
- STDM as an **Information Tool** – It provides the front-end interface for applying the STDM Concept and Model.

STDM Development Roadmap



COUNTRY ENGAGEMENT



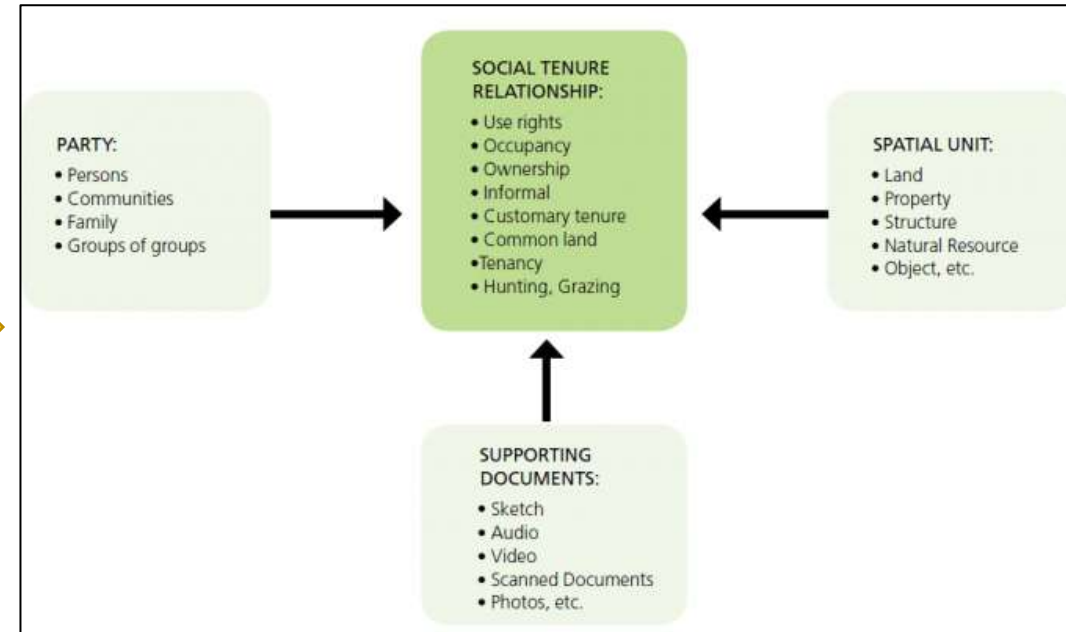
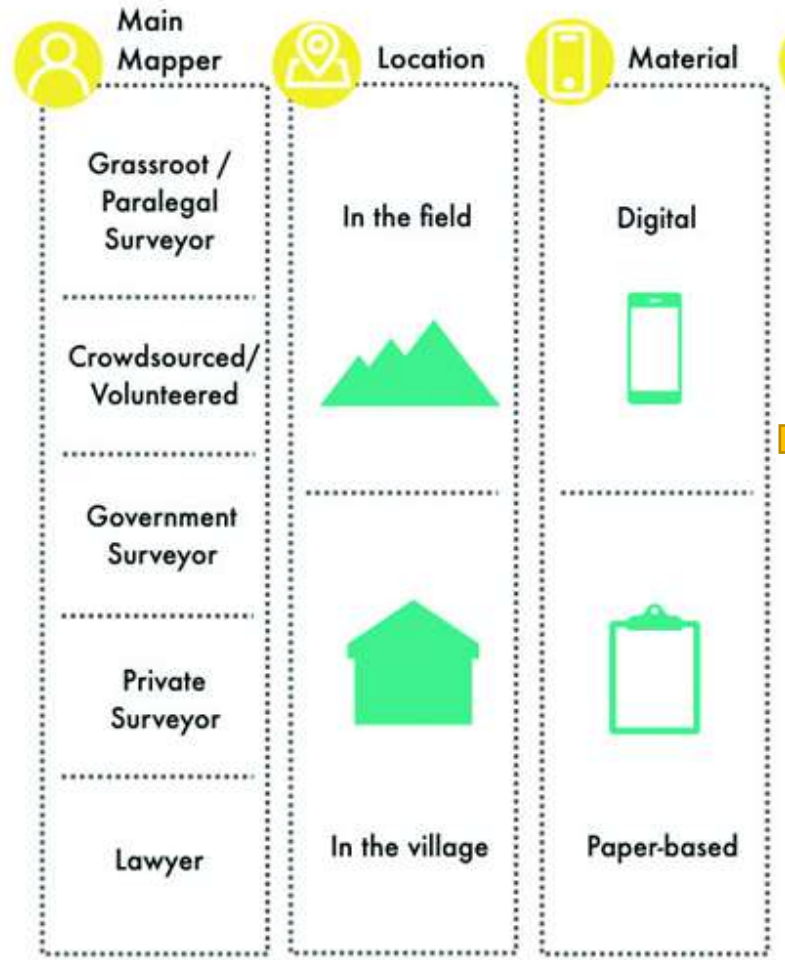
1. Democratic Republic of the Congo
2. Iraq
3. Jordan
4. Kenya
5. Lao PDR
6. Lebanon
7. Libya
8. Namibia
9. Nepal
10. Palestine
11. Philippines
12. South Sudan
13. Syria
14. Tunisia
15. Uganda
16. Yemen
17. Zambia

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Application of STDM in the Field



Factors Affecting STDM Development and Implementation



GLOBAL OUTCOMES AND LOCAL IMPACT

1. Global Outcomes

- Binding resolutions, policy or legislation change: principally local and national policy and practice change to date
- Contribution to global development agenda

2. Local Impact

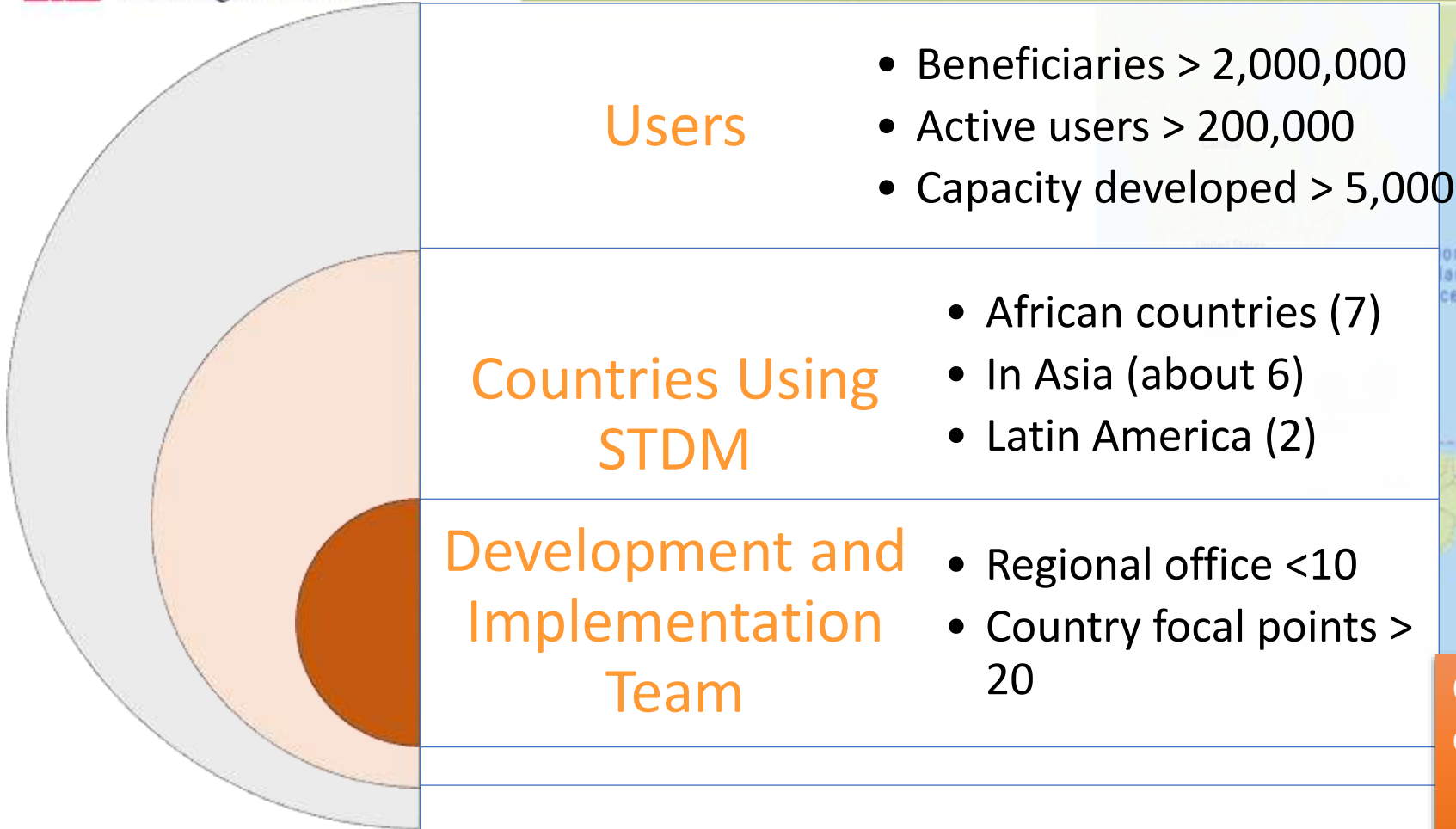
- Actual change on the ground: peace, prosperity, planet, people. Sustainable impact on the ground can be demonstrated in at least 70% of countries with significant activity and potential remains in most others provided we can maintain activities



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Over 10 Countries, and 4 countries developed national land policies

Approximately 20+ projects (20M+)

Next Steps for the STDM Tool

Development

- Integrate with global user community and platforms such as OSGEO, Wikis...
- Enhance collaboration, interoperability and compliance with OGC standards
- Strengthen linkage with emerging technologies(Cloud computing, AI...)

institutionalize

- Strengthen partnership with government, partners and professional bodies at country (funding, testing, piloting)
- Provide frameworks for sustainable application (strategies, policies)

Scale up

- Linkage with other frameworks (LADM 2, BIM, 3D...)
- Multiplier effect in different disciplines and approaches (climate change, land use, post disaster and conflict)

THANK YOU

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