



**Africa Regional Network:
Challenges and Opportunities in Facing the SDG's**

**The Challenge of Sustainable Urbanisation:
What does it take for land professional to lead and support Nation's
Infrastructure endeavours across urban and rural environments**

21 - 23 November 2017

PROGRAMME

Focus: Urbanisation is a significant global trend, recognised by SDG11; and locally recognising that technological and physical infrastructure assets are one of the first key investment projects in the development of cities.

Large scale infrastructure spans both urban and rural lands, consequently, land and property professionals are both enablers and leaders in the use of technological, and provision of social and physical networked assets

Key Objective: This workshop concentrates upon the skill development of land professionals to deliver infrastructure assets (networks and buildings). It will consider thought leadership, transformational trends, talent (you), and technology, ending with how the Profession may take steps to lead and promote the implementation of networked infrastructure in the rural and urban environments that benefit society

This workshop will enable you:

- **Trends:** to improve and recognise the nature of urbanisation in the context of SDG11 and infrastructure, and link to what it means for good governance,
- **Talent:** to be more familiar with Leadership: theory & applied, enabling you and your understanding of skill development,
- **Technology:** to expose you to the role of Geospatial technology innovations for land tenure security and land management in East Africa, led by ESRI Rwanda,
- Ultimately, building your awareness and confidence to lead strategic change.

Background: The world is becoming increasingly urban, the level of urbanisation is rapidly changing with 60% world's population expected to live in cities by 2030 as this applies to Africa population this will be urban by 2035. The rapidly increasing dominance of urban areas places the process of urbanisation among the most significant global trends of the 21st Century.

The workshop considers the opportunity that land professionals could make to improve the delivery of Nations state's critical infrastructure endeavours, recognising the context that land professional skill sets (and other professions) provide in sustainable development and building livelihoods.

In partnership with ESRI Rwanda, the role of Geospatial technology innovations for land tenure security and land management in East Africa will be highlighted. Featured prominently will be the Geoportals developed and operationalized at Rwandan Authorities, as well as *its4land* – a current consortium approach seeking to deliver an innovative suite of land tenure recording tools that responds to sub Saharan Africa's immense challenge to rapidly and cheaply map millions of unrecognized land rights in the region.

its4land combines an innovation process with emerging geospatial technologies, including smart sketch maps, UAVs, automated feature extraction, and geocloud services, to deliver land recording services that are end-user responsive, market driven, and fit-for-purpose. The transdisciplinary work also develops supportive models for governance, capacity development, and business capitalization. Gender sensitive analysis and design is also incorporated. Set in the East African development hotbeds of Rwanda, Kenya, and Ethiopia



Monday – arrivals- Kigali	
Tuesday – (Study visit tbc) & transfer to INES	
09.00 Arrival and registration	
10.00 Study Tour - tbc	
14.00hrs Transfer to INES	
19.00 Welcome drinks	
Wednesday November	
Large Scale Infrastructure Networks: Trends & Talent	
8.45-9.00	Welcome FIG Vice President, Diane Dumashie & INES & Rwanda Professional Institution
	Setting the workshop theme FIG Vice President, Diane Dumashie
	Introductions
	Session 1: Trends the nature of Urbanisation/SD11
	Session 2 Trends the nature of Infrastructure
10.30 - 10.45	Coffee/tea
	Group activity – feedback
	Session 3: Trends The Nature of Good Land Governance
	Session 4: Talent The Nature of Leadership: theory & applied
12.00 - 13.00	Lunch & Group Photo
	Session : Activity
	Session 4 Continued - Talent The Nature of manager skills in Land & Infrastructure assets
	Session 5 Talent Group briefing, & activity: Infrastructure project. Skills: what you do and when, with whom.
	With Coffee/ tea
	Session 5 continued: Delivery
	Session 6: Reflections: What you have heard and What will you do
17.20	Summary & Closing: Dr Diane Dumashie
18.45	Evening dinner (optional)
Thursday 2nd November	
Infrastructure: Technology	
9.00 – 9.15	Opening: FIG Vice President, Diane Dumashie
	Session 7: Feedback
	Sessions 8: Thoughts on Leadership & setting your own path ahead
	Sessions 9: Technology - ESRI Rwanda
11.00 – 11.15	Coffee/tea
	Sessions 9: ESRI Rwanda continued / Group Working
12.45-	Lunch



13.45	
	Sessions 9 ESRI Rwanda continued
15.00-15.30	<i>Coffee/tea</i>
	Session 10: Plenary – Dr D Dumashie Pulling it all together: Plenary & Group Discussion
	Session 11: Reflections & Concluding Remarks Rapporteur
	Closing: Dr Diane Dumashie
16. 45-19.00	<i>TBC- potential for early evening visit to tourism</i>

