



Africa Regional Network

Challenges and Opportunities in Facing the Sustainable Development Goals Musanze, Rwanda 2017

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African Regional Network – Rwanda 2017



Welcome!



African Regional Network – Rwanda 2017



Opening



Welcome
Rector of INES

**Father Dr. Fabien
Hegenimama**



African Regional Network – Rwanda 2017



Challenges and Opportunities in Facing the SDG's:

Urban - Rural linkages

Supported by
INES Ruengha (INES)
& ESRI Rwanda

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The Urban Agenda



SDG: Sustainable and holistic development:

- **People:** Responsible government of tenure
- **Partnership:** Rapid urbanisation, managing land use
- **Peace:** Human rights and equality
- **Planet:** Climate change and natural disasters
- **Prosperity:** Economic livelihoods, land and property

*A Purposeful Shift in how we engage with
People in their places - in the context of
urban/ rural infrastructure networks*

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Urbanisation: A significant global trend

- The rapidly increasing dominance of urban areas places **the process of urbanisation among the most significant global trends of the 21st C**
- It is not only a demographic or spatial phenomenon,
- rather **a force to help overcome some of the major global challenges**
- including poverty, inequality, environmental degradation, climate change, etc

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Transforming our World:

The 2030 Agenda for Sustainable Development
17 Goals, 169 targets, and about 230 indicators



<https://sustainabledevelopment.un.org/?menu=1300>

The Next Decade: Act on the Trends

The SDGs may be the crowning global achievement of 2015; but land professionals deal in local realities.

- Our link:
 - **Urbanisation:** Global trends related to SDG11
 - **Infrastructure:** Recognition that infrastructure is one of the first key investment
- Our Focus: provision of social and physical networked assets yet maintaining the inter-linkage of the *Urban-Rural relationships*

It is about; Trends, Talent, Technology & Your action Thoughts

How

Our Professional role within the urban rural relationship in the context of networks and infrastructure

- **Trends**- knowing the force of urbanisation
 - **Talent** – you and your professional leadership skill development
 - **Technology**- our professional work place and cutting edge ideas
- Demonstrated in the context of the inter- relationships of urban/ rural linkages and infrastructure networks

Our Workshop Output

In the context of **SDG #11**.



How:

- The land and property professional engages with People in their Places... in the context of urban/ rural infrastructure networks
- thus ensuring societal beneficial development

What this means:

- To develop an outline stakeholder engagement methodology that is capable of informing appropriate practices and disseminated by member associations

What we do:

- Trends, Talent and (tomorrow) Technology



FIG Family

Our Host



- INES Ruengha (INES)



- **Sam Yaw Kingsley**
Africa Young Surveyors Network (FIG)

And.....



FIG Family



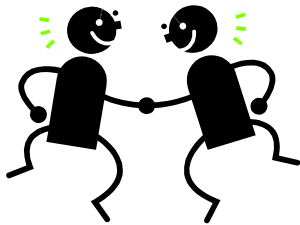
Our Corporate Partner & ARN 2017 sponsor



Kasper Kundert
Regional Director ESRI Rwanda
(FIG Corporate, ARN 2017 sponsor)



Introductions



You and Your
colleagues last night

There are more...?

Who has.....?

Over the next 10 minutes,

1. Introduce your self to as many people as possible, by Your name/ work/ a passion in your personal life

And,

2. Identify who in the room:

- Has travelled for the longest time to get to Kigali airport
- Likes Chinese food
- Lives in Rwanda



What: Networked Infrastructure



Defined

- Transport (roads, railways, airports and ports)
- Resources (Water, Renewable energy, food security)
- Telecom systems & digital infrastructure

What this means in the context of Urban- Rural linkages

- Think about the network linkages between areas and what goes on in-between

The nature of:



In our workshop context:

- **Urbanisation** and SDG11, the relationship between linked or networked infrastructure across the urban and rural areas
- **Infrastructure:** driver for growth and sustainability (wide cause and effect) technical input by leading communities/ stakeholders and delivery (new ways of working)
- **Governance:** further focus of trends played out at national level on a global stage
- **Leadership:** Your continuous journey of learning to effect positive change and leadership.

What We Will Do - Over Two days

You as Enablers and implementers:

Our task is to explore leadership (encourage, expose and enthuse), recognising that government's need skills to deliver large scale infrastructure that networks, rural-to urban-to rural

This means:

- **Tuesday:**
 - Trends: Setting the context for the Urbanisation Goal SDG11
 - Talent: How to position you and your profession
- **Wednesday:**
 - Technology: ESRI Rwanda

Momentum....

•Facilitator/ Plenary Chairs:

Diane Dumashie, Kasper Kundert, & YSN

• You and Your Group

Thinking & Action

Your task today (Wed)

Start

- **Trends Urbanisation & leadership:** Setting the scene to enable you to articulate your knowledge of trends and common understanding of infrastructure regeneration

Middle

- **Talent:** Your early ideas for you and your Profession's place within the SDG11 relating to stakeholder engagement.....

End

- **Delivery, Infrastructure in Africa:** Presenting Your ideas for land professionals to meaningfully engage with stakeholders in infrastructure projects

House Keeping



- Fire Alarms
- Start and finish times
- Beverages, Refreshments, and Lunch
- Mobile Phones
- Logistics
- Workshop Dinner (Wednesday)

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Your task Today - Thursday

Start

- **Futures:** Setting the scene for you to articulate your vision and create common understanding

Middle

- **Scenarios:** Your early ideas for action, refined and presented

End

- **Africa 2030 :** Desirable,
Future Environmental Scenarios

