

**Report to the 41st General Assembly
FIG Congress 2018, Istanbul, Turkey**

**FIG Regional Capacity Development Network (CDN)
Report of Activities 2017 & end of Term Report**

The Chair is pleased to present the report of the Regional Capacity Development Network. This report sets out the overall direction during the term 2015- 18.

The FIG Capacity Development Network (CDN) aims to support FIG regional member associations and academic members. The network envisages regional approaches to working, and emerged in response to consideration by the FIG Council and approved by the General Assembly in Sofia, Bulgaria, in May 2015.

Over the term, the CDN has increased its members from the originating African Regional network to include the Asia Pacific region. **The Africa Regional Network (ARN)**, led by Diane Dumashie was the first to be established under this umbrella network, and an additional region followed with the establishment in the Asia Pacific region of the **Asia Pacific Capacity Development Network (AP CDN)**, led by Rob Sarib. Each region best understands its needs, thus within the CDN framework the Regions act independently.

There has been standout success in both Regions. First ARN is typified by innovation and resilience, demonstrated by a Member Association (Botswana) scheduling an additional workshop in 2018 and importantly, succession planning, with the identification of an African Member Association, South African Geomatics Institute willing to take over the leadership into the next term (2019-22). Second, the AP CDN is typified by building partnership with the government community linked to professionals, with positive engagement with the increasingly important United Nations Global Geospatial Information Management network, in the Asia Pacific region (UN GGIM AP)

The CDN operates as an umbrella framework that enables individual members to unify into their own Regional networks to meet their specific capacity building needs. Although the geographical regions are not prescriptive it is anticipated that regions identify their own out-reach. Accordingly the focus is led by FIG Member Associations to understand and build the capacity of the surveying association and individual surveyors to act as agents of positive change and encourage the process of development and growth for the benefit of the Region and its people.

Looking forward to the next term, FIG Council will warmly welcome other regional initiatives from FIG members. All interested members should contact Vice President Dr D Dumashie during the FIG 2018 working week.

Finally, the chair is pleased to receive annual reports from the Chairs of the Africa region and Asia Pacific region.

Dr Diane Dumashie FRICS

FIG Vice President

Chair FIG Capacity Development Network 2015-18

The Network terms of reference and supporting material can be viewed at http://www.fig.net/organisation/networks/capacity_development/index.asp

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**Africa FIG Regional Development Network (ARN)
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1. Overview and Purpose

This is the Chair's report on the activities of the Africa FIG Regional Network (ARN), it highlights the year 2017; and because it is the end of term it also overviews the current period (2015-18) and looks forward to the next term (2019-22).

Over the 2015- 18 period the key purpose of ARN is to enable the surveying profession in Sub Saharan Africa to deal with social responsibility in terms of contributing to achieving the UN Sustainable Development Goals (SGDs). In this regard, the role of the surveyors as change agents engaging with the politicians is important.

The Africa Network through workshop activities has considered and presented new and creative tools and other means to revitalise and strengthen Land professional members within Sub Saharan Africa. The focus will be led by FIG Member Associations to build the capacity of the surveying association and individual surveyors to act as agents of positive change and encourage the process of development and growth for the benefit of Africa and its people.

Key activities undertaken in 2017

2. Cooperation

Central to the activities of the ARN is the cooperation and collaboration with a range of stakeholders, foremost the African Young Surveyors Network who have been integral to deliver workshop content, in addition to partnering with FIG Commissions and FIG corporate members (i.e **Trimble, Thomson Reuters, and ESRI**) who over the period have provided unbiased content and sponsorship.

This year (2017) we cooperated specifically with **ESRI-Rwanda** to hold our annual ARN capacity development workshop their support both financially and with cutting edge, content enabling a highly successful workshop at the Ruhengeri Institute of Higher Education (INES) in Musanze, Rwanda.

3. 2017 Seminar organisation

In order to provide valuable outputs for the network's work over the term 2015- 2018, a series of thematic Regional workshops have been arranged in Africa between each FIG Working Week. These workshops will develop tools for use by the members and validated at Roundtable discussions at the following FIG Working weeks, the next and final roundtable meeting of this term is scheduled in Istanbul, Turkey 2018.

Accordingly, drawing upon the theme agreed in ARN's terms of reference, and ratified by General Assembly, the ARN 2017 workshop title – "Challenges and opportunities in facing SDG 11- Urban & Rural linkages: What does it take for land professionals to lead

and support nation state's infrastructure endeavours", was held in Musanze, Rwanda 21 – 23rd November 2017

Every year, ARN invites an African FIG member to partner in the ARN workshop activities. In 2017 the opportunity arose to cooperate with INES. Welcomed by **Rector Father Dr. Fabien Hegenimama**, a high profile opening of the workshop included the delivery of key notes and welcome speeches from the **Bishop of Ruhengeri - Musanze**, and the Permanent Secretary from the **Ministry of Lands**, with Dr D Dumashie providing an overview of FIG and wrap up words before the reception finale of traditional dance by INES students. **Jossam Potel**, Head of Land administration ensured the workshop progressed smoothly, supported by **Mireille Biraio** (INES) who was indispensably on logistical arrangements prior to the workshop.

The ARN workshop brought together 50 land professionals drawn from across the spectrum of land survey, valuation, QS and planning and who travelled from across the continent including, Zimbabwe, Botswana, Nigeria, Ghana, and hosted by the contingent from Rwanda (land surveyors and valuers). Hosting this workshop is particularly important because the Rwandan land professionals, led by **Jean Pierre Habiyaremye**, are addressing the challenge to establish their own national association, and the presence of the ARN workshop demonstrates FIG support to their endeavours.

The workshop focus on Infrastructure in the context of SDG11 was designed by Vice President **Diane Dumashie** who facilitated the training workshop assisted by **Kasper Kundert** (ESRI Rwanda), Importantly ARN collaborated with the Young Surveyors from West Africa, supported on this occasion by **Daniel Brown, Sam Kingsley** and **Taiye Taiwo**.

4. 2017 Seminar deliberations

The workshop concentrated on the theme, "Challenges and opportunities in facing SDG 11- Urban & Rural linkages: What does it take for land professionals to lead and support Nation state's infrastructure endeavours". It appealed to those wishing to have an understanding how the international land governance initiatives that will interface with large scale infrastructure sectors. Accordingly, working groups included national roads, railway, water schemes, renewable energy, airports, and telecom/ digital, focusing on our role in the context of the SDG11 (Cities)

On workshop Day 1 our workshop focus was on:

- **Trends:** to improve and recognise the nature of urbanisation in the context of SDG11 and infrastructure, and recap on what it means for good governance,
- **Talent:** to be more familiar with the nature of Leadership: theory & applied, enabling a clear understanding of personal skill development,
- **Technology:** to expose delegates to the role of Geospatial technology innovations for land tenure security and land management in East Africa and led by ESRI Rwanda,
- Ultimately, the workshop seeks to build land professionals awareness and confidence to lead strategic change and make a positive impact

Demonstrated in the context of the inter- relationships of urban/ rural linkages and infrastructure networks the participants considered our Professional role within this relationship considering the opportunity land professionals could make to improve the delivery of critical infrastructure and also recognising the extent of the land professional

skill sets (and other professions) to provide sustainable development and building livelihoods.

This revolved around linking the following:

- Urbanisation: Global trends related to SDG11, and
- Infrastructure: Recognition that infrastructure is one of the first key investment

Leading to our:

- Focus: provision of social and physical networked assets yet maintaining the relationship of the linkage between the Urban and Rural areas

The workshop was designed to complement ESRI- Rwanda contribution on Day 2. Specifically Kasper Kundert (ESRI Rwanda) focused on technology and the role of Geospatial technology innovations for land tenure security and land management in East Africa. Featured prominently was the Geoportals development and operationalisation at the 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

In addition, during day 2 the ARN 2017 cohorts were further treated to a tour of the INES campus that has a fabulous backdrop of four of the Rwandan Volcanoes. It was agreed by all, that the three days were informative, productive and the workshop activities were rounded as participants came together to share some fun with the opportunity of a field trip guided through the caverns and caves of Musanze.

The **workshop outcome:** Engaging and participation is an important design feature of the ARN workshops, accordingly deliberations included group work that considered:

How: The land and property professional engages with People in their Places, in the context of urban and the rural areas through infrastructure networks and thus ensuring societal beneficial development. Noting that Urban and Rural linkage is about the network between these areas and what goes on in-between. And

What: Articulating what this means, requiring the development of an outline stakeholder engagement methodology that is capable of informing appropriate practices and disseminated by member associations

The workshop successfully provoked thought and stimulated debate, along with achieving the following objectives:

- To raise awareness by coming together to consider the skill opportunity for intervention in large scale infrastructure assets
- To add value for participants through a learning experience to consider thought leadership, transformational trends, and
- To be exposed to Geospatial technological innovations for land tenure in East Africa
- And to explore how the profession may take a step-up to lead and promote the implement of networked infrastructure in the rural and urban environments to benefit society.

Full details of this workshop is reported on the ARN website at http://www.fig.net/resources/proceedings/2017/2017_11_East_Africa_Capacity_Development_Workshop.asp

Over view of the Term 2015-18

5. Communications

In the current FIG term (2015-17), the ARN workshops addressed the *Challenges and Opportunities in Facing the SDGs*, we were looking ahead to the first real milestone of the 21st century: the year 2030. It may seem a long way off, but the pace of change is faster than ever before. This network forum has recorded before that change is inevitable, but it is being prepared that counts (ATF workshop, Ghana 2012).

Over this term, the chair with support from the ARN core team has:

- Delivered three successful capacity development workshops bringing together anglo phone and francophone land professionals from across the Continent. This enhanced knowledge and enabled them to share their experiences.
- Discussed and deliberated with over 150 professional attendees over the term during our workshop that have been implemented with the now trademark, highly participatory design and fast pace enabling the participants to communicate key engagements messages
- Empowered an African Member Association to propose a fourth workshop before the end of this term (i.e. in 2018)
- Developed a Strategic framework document with tangible reportable actions to the General Assembly
- Defined and continue to build partnerships with member associations and external strategic stakeholders including **FAO, AU, FGF** and **GLTN** (UN Habitat)
- Delivered communication platforms for Member associates, Academics and the Young surveyors network and gained new FIG Members from Africa

Above all,

- Delivered a robust and rigorous leadership succession plan proposal for consideration by Council in 2018

6. Closing remarks

The network is about equipping Land professionals to better contribute to society, to do this requires professionals to understand, adapt and embrace the future.

Within the SDG's and having ethics underpinning everything that Land professionals do the three workshops have considered the opportunity land professionals could make to improving governance of tenure, recognising the context that land and (other natural resources) provide humanity, among others, food and shelter and a basis for economic production and social, cultural and religious practices.

The members of the ARN network continue to prove that communicating to influence, purposefully collaborating and, in doing so, building connectivity to ensure that skills are developed that will reach out to all stakeholders' community networks.

I am so pleased that I will be able to hand over the leadership to Jennifer Whittle (UCT) and Peter Newmarch (SAGI) in the upcoming term 2019- 22 who I am sure will continue to strive to optimise and continue the network's deliberations in Africa.

Dr Diane Dumashie FRICS

FIG Vice President

Chair Africa FIG Regional Development Network 2015-18