



Dr Diane Dumashie, FRICS FIG President

**Partnership:
UN GGIM Global Geodesy Forum**

**Tackling the Global Challenges:
People and Partnerships**

**UN GGIM 13, New York, USA
31st July 2023**



Our Profession: Serving People and Planet

2030 AGENDA



FOR SUSTAINABLE DEVELOPMENT

It is all about People!

- **The 2030 Agenda:** agreed and united global policy to transform the social, economic and environmental dimensions of humanity and our planet
- **Context of considerable global challenges**
 - **Why Partnerships matter**

From Measurement to Action



• Jack Dangermond ESRI CEO ESRI UC, July 2023

Overview

1. FIG: Who What and Why

2. Shaping the Future: How

3. Partnerships: What and Who

4. Final Words



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1. Who and What: International Federation of Surveyors

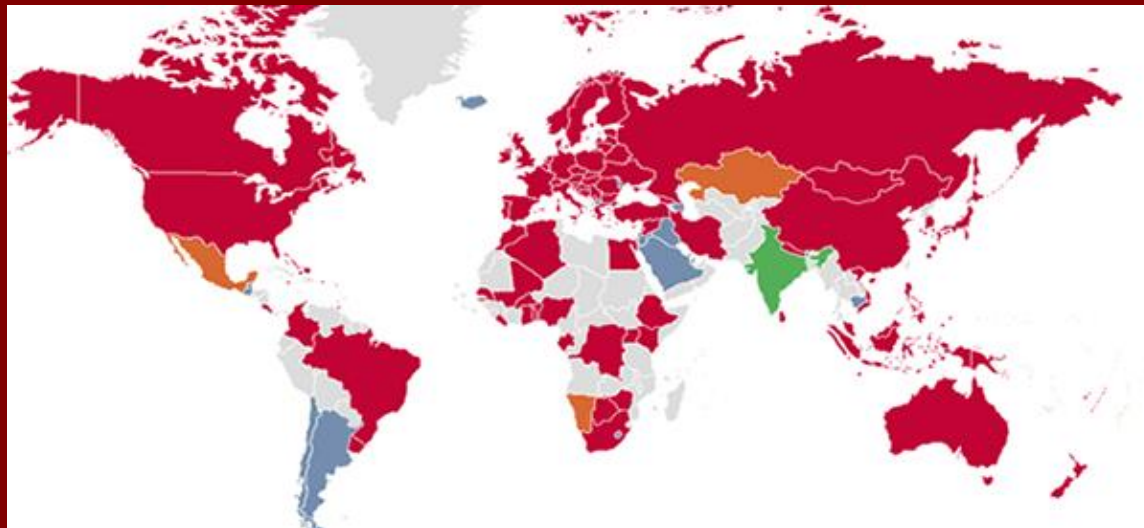


FIG:

- Members organisation, (100 + countries)
- FIG Contribution: knowledge generation, outreach and capacity building
 - **Professional: Standards**
 - **Institutional: Build capacity**
 - **Global Development: Regional/ International**

How: Depth of experience Survey and Geospatial

Activity and outputs with Commissions:

1. Professional standards & practice

2. Professional Education

3. Spatial information management

4. Hydrography

5. Positioning and measurement

6. Engineering surveys

7. Land management & cadastre

8. Spatial planning and economic development

9. Valuation and real estate

10. Construction economics

and, **FIG** Networks, Permanent Inst



'Tackling the Global Challenges'

FIG action orientated theme

LYNDA GRATTON
THE SH/FT
The future
of work is
already
here

Have you made the crucial shifts for success?

Five Forces:

- **Climate action** and the needs of a low carbon economy / also Energy and resources
- Rapid advances in **Technology and digital revolution**
- **Globalisation and communication**
- **(Settlements and (Rapid) urbanisation)**

Society's needs (and benefits):

- Transformational **societal** changes and expectations
- Profound changes in longevity and **demography**

Prof Gratton:
www.lyndagrutton.com

The Next Decade: Act on the Trends

The SDGs
were the crowning
global achievement of 2015 and 2030 is close;
but survey professionals deal in global and local
realities.

Are we still relevant?

Yes, with Purposeful and Continuing intent; but.....

It is all about People!



www.pexels.com/ Eberhard Grossgasteiger

What does relevance look like?

We

- Are relevant to society for Their/ Society benefit
- Bridge the gap between high level strategy/ policy and actions on the ground
- Are recognised as a profession that is trusted, with high ethics and standards (keep building our capacity)

And

- Lead and contribute to sustainable development

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2. How:

The Future We want to shape

Our work plan aims to deliver and Demonstrate our resolve

Vision:

- **Serving Society, benefitting people and the planet**



Graphic UN HABITAT

Theme:

- **Tackling the Global Challenges** (Trends and crisis)
- Continue to develop capacity and grow to ensure that as individuals and a federation of members we remain relevant and capable of benefiting people and the planet

Work Plan Aims and Pillars



FIG Aims:

- Planet
- People
- Partnership
- Governance and Communication

Sustainability runs throughout our work

- Task Forces are our Pillars and focussed to unpack our Relevance & Societal benefit
- FIG Commissions and FIG community working together achieves our Theme

Above all,

FIG works in Partnership

Pillar i: Planet

Sustainability aim is making sure:

- We make the best use of land and marine resources, and
- Our cities and settlements are resilient and adaptive
- Play a more prominent role in the climate agenda



TF: 2030 Agenda & SDG's,

Chair: Paula Dijkstra

TF: Climate Compass,

Co Chairs: Roshni Sharma & Clarissa Augustinus



Pillar ii: People

- Sustainability is about making sure we demonstrate Equity, Diversity & Inclusion, leaving no one behind in our profession.....
- And build and maintaining our professional competence to ensure societal relevance

TF: Role in Trends and Geospatial Information Ecosystems

Chair: Abbas Rajabfard

TF: Evolutionary Diversity and inclusion in the Surveying Profession

• Chair: Stephen Djaba

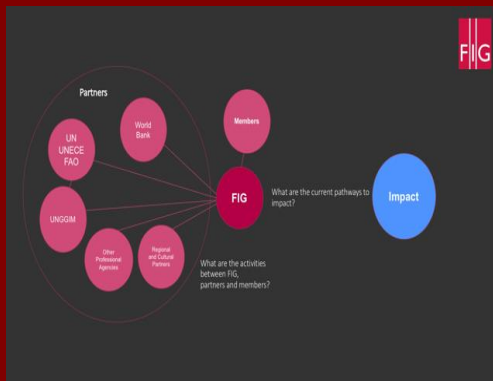


FIG Working Weeks; Pillars & Partners Build on Pillars

- 2023 Orlando – Sustainability & Climate
 - Protecting our world Conquering New Frontiers
- **2024 Accra – Planet & Resources**
 - Building resilient environment
- 2025 Brisbane – Geospatial/ People
 - Collaboration, Innovation and Resilience: Championing a Digital Generation

And.....,

- Congress - 2026 Cape Town



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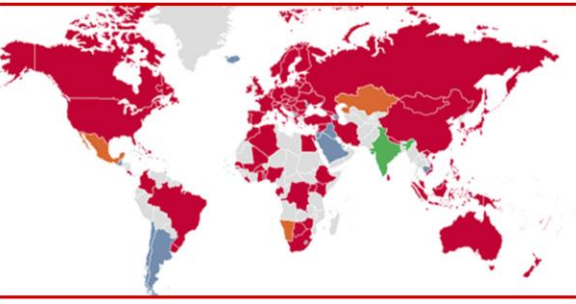
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3. Pillar iii: Partnerships



Sustainability is about making sure that both internal and external partnerships are working effectively and cultivating stronger engagement



Our relationships;

- Effective (All) member engagement
- Building and working for mutual benefit with external partners, and
- Providing Institutional capacity development

And, with UN GGIM.....

UN GGIM & FIG People



UN-GGIM: Geospatial Societies

UNITED NATIONS COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL INFORMATION MANAGEMENT

UN GGIM

- Observer status
- Geospatial Societies (GS)
- Working Groups (LAM, Geodesy, DM + input Hydro)
- Regional working (Africa, Asia Pacific & Americas)

And.....

- Partner UN GGIM Subcommittee on Geodesy

FIG Partnership: Subcommittee on Geodesy



- Ryan Keenan, FIG Comm chair, Positioning and Measurement
- FIG Representative Subcommittee on Geodesy

And

- FIG 2024 special session Africa GRF
- Centres of Excellence



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4. Tackling the Global Challenges

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Relevance requires a **Purposeful** and continuing intent to implement:

- Looking to societal contributions
- Looking to our people and profession
- Can only be done in **Partnerships.....**

Serving People and Planet 2030 and Beyond

Tackling the Global Challenges

- Faced with the magnitude of change in our World, on our Planet:
 - - We can strengthen the use of geospatial information in all its forms
- If
- We do the very best we can over the coming decades

**Our professional relevance to
society, is in our collective,
partnership hands**

Our Journey is far reaching!



Thank You

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