



International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure



UN-GGIM
ACADEMIC NETWORK



UN-GGIM
GEOSPATIAL SOCIETIES

FIG and the SDGs

by

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“Building Technical Capacities for Resilience and Sustainability”

9th Session of the Committee of Experts on UN-GGIM-
UN-GGIM Academic Network and Geospatial Societies Open Forum

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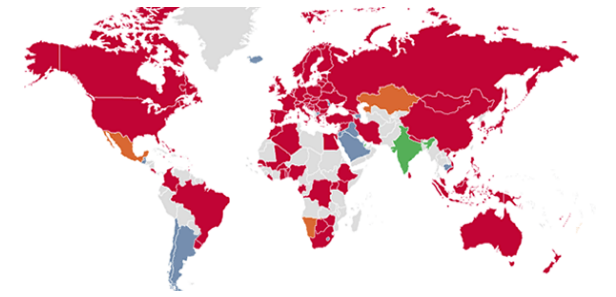
Content

- 1. What is FIG?**
- 2. Vision and Motto 2019 - 2022**
- 3. The major targets for the next 4 years**
- 4. Our contribution to the SDGs**

1- what is FIG ?

It is ...

- a United Nations and World Bank recognized non-governmental organization (NGO)
- covering the whole range of professional fields within the global surveying community, hereunder



Surveying

Cadaster

Mapping

Geodesy

Quantity
Surveying

Valuation

Topographic
Surveying

Construction
Surveying

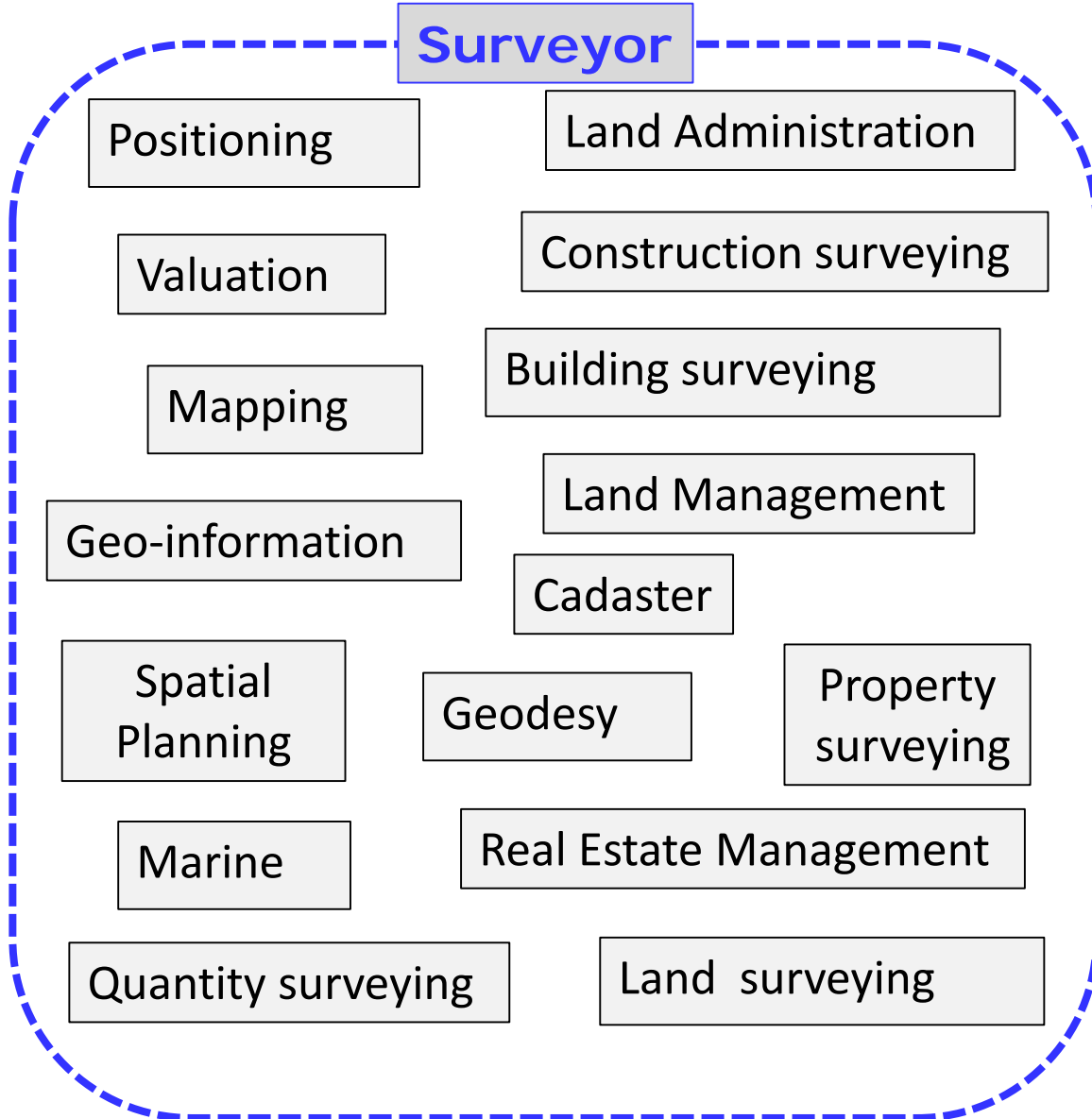
Engineer
Surveying

Land
Management

Hydro-
graphy

Geo-
information

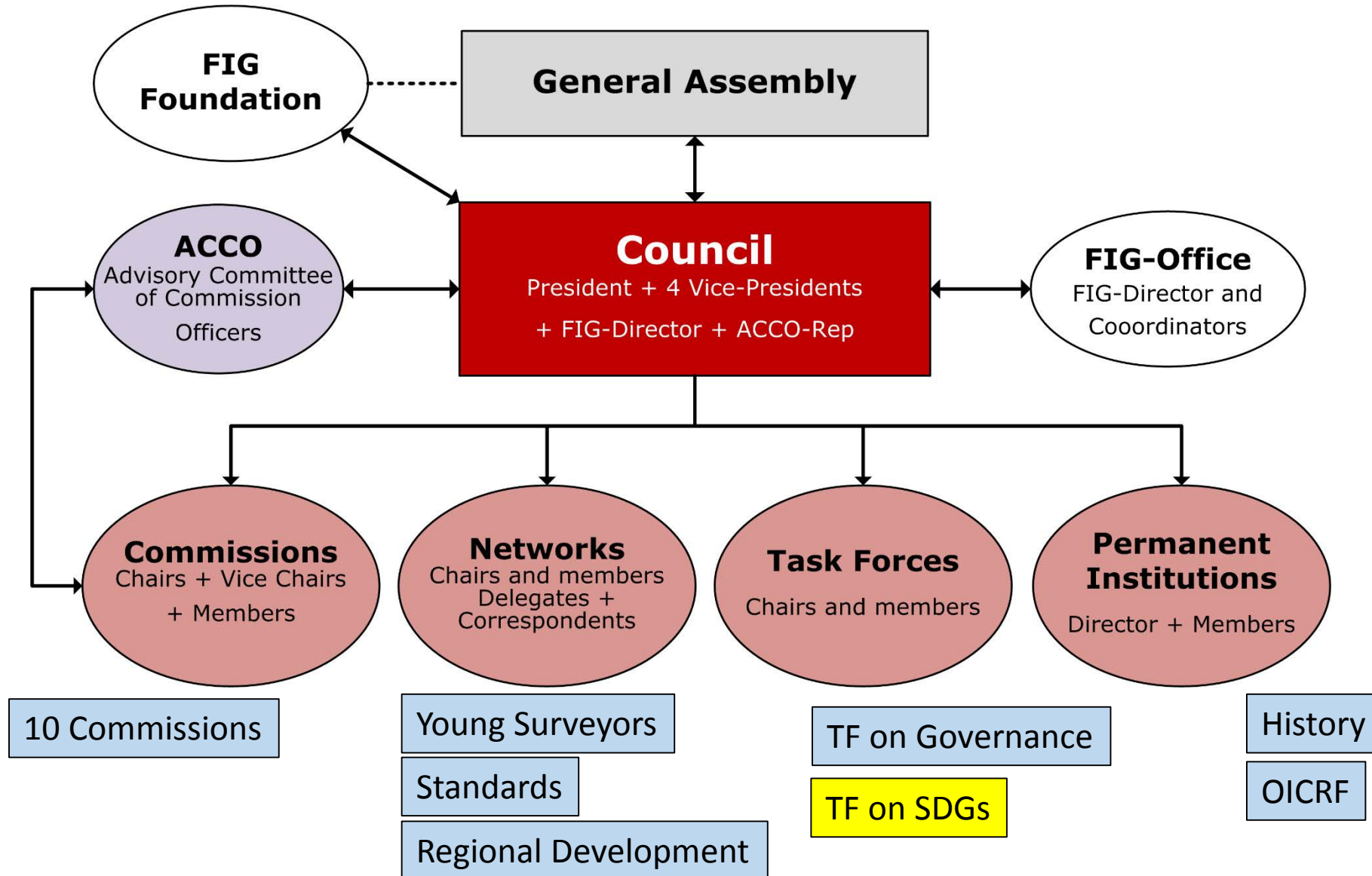
Surveyor



Commission Structure of FIG

- 3 - Spatial Information Management
- 4 - Hydrography
- 5 - Positioning + Measurement
- 6 - Engineering Surveys
- 7 - Cadaster + Land Management
- 8 - Spatial Planning + Development
- 9 - Valuation + the Management of Real Estate
- 10 - Construction Economics and Management

4- How is FIG organized ?



5- current **FIG**-Council

Orhan Ercan (Turkey)

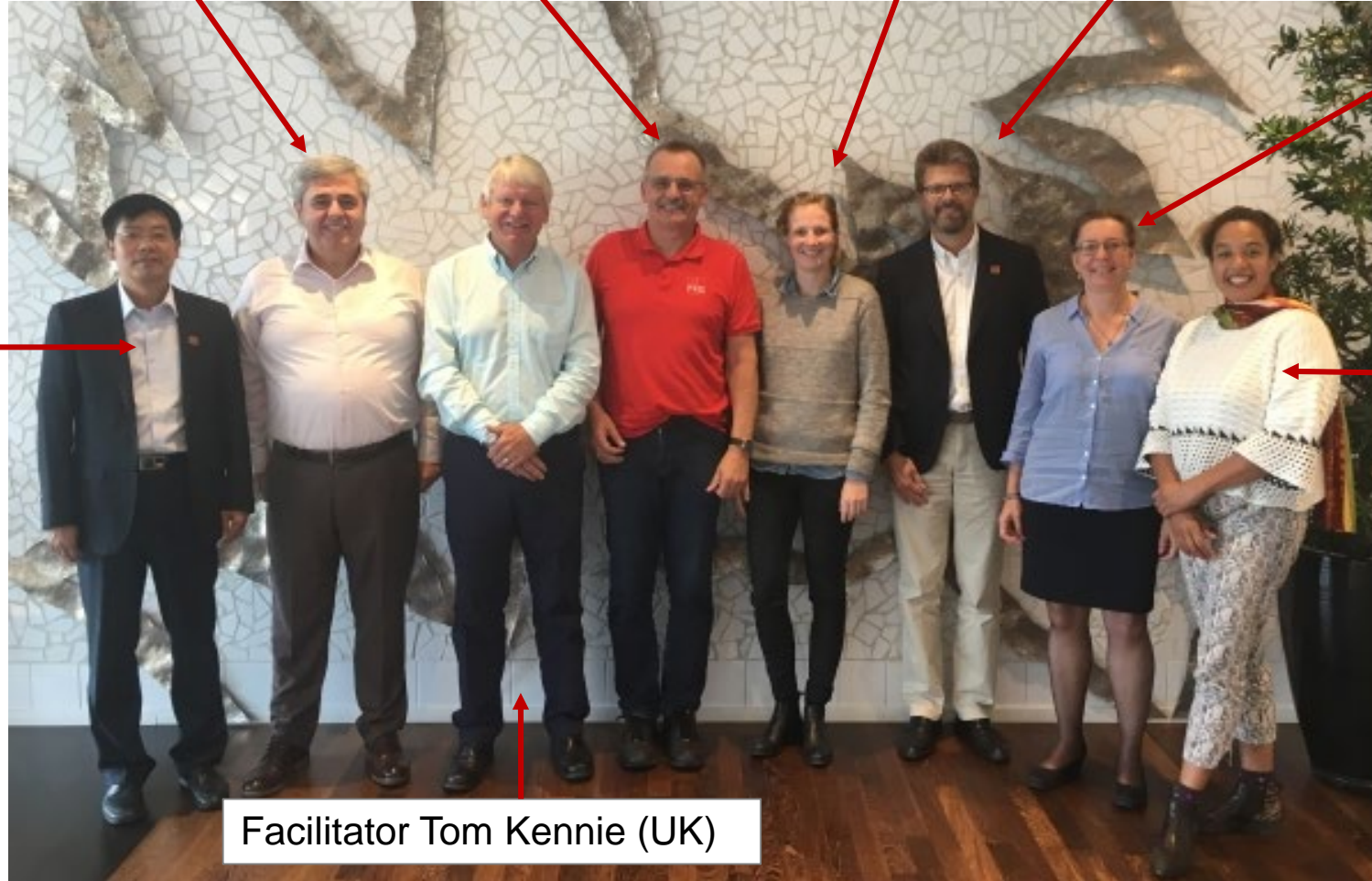
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Jixian Zhang (China)



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Diane Dumashie (UK)



2019 - 2022

Vision

Surveying is a modern profession acting worldwide for a better infrastructure for our society and planet earth.

FIG wants to keep, and even improve, its role as the premier non-governmental organisation, that represents the interests of surveyors worldwide

Motto

Volunteering for the Future !



FIG-Publication 60, 2014



INTERNATIONAL FEDERATION
OF SURVEYORS (FIG)



WORLD BANK

Stig Enemark
Keith Clifford Bell
Christiaan Lemmen
Robin McLaren

Only 30% of the land
worldwide is registered!

Source: World Bank Conference
“Land and poverty” March 2019

Land registration is contributing to ...

- Social and civil security
- Peace
- Economic benefits (loan, ...)
- Less conflicts due to land

Fit-For-Purpose Land Administration



JOINT FIG / WORLD BANK PUBLICATION

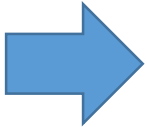
Land registration

Ambitious target until 2030

... increase of + 30%

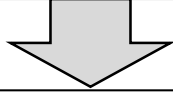
ok, Is there enough time / money for the implementation of a classical cadastre??

NO



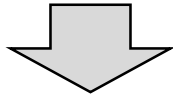
FFP is an interesting **general approach**, which needs to be adapted to each single case !!

YES, classical cadastre is too expensive and not fast enough



Faster solutions adapted to the specific needs

For example: based on the FFP-Approach (Enemark et al. 2014)



But this does not mean that the realisation is always easy and without problems!!

Expectations are sometimes too high!!

Time +++ costs +++ maintenance +++ updates +++

!! also reservations regarding FFP in our own community !!

FFP does not replace classical cadastre ... it is rather an extension !!!

FFP is not a ready-to use-solution!

FFP we need best-practice examples and textbooks!!

Rumours

- Surveyors who do not act ethically correct
- Lawyers who do not act ethically correct
- Notaries who do not

**Include ethical
codex and training**

IF we “**the surveying + geospatial**”-community are not participating it will happen without us!

Role of **FIG**

- Offering a platform for stakeholders
- Being a link between stakeholders
- Building the capacity for new adapted approaches !!



WELCOME TO FIG WORKING WEEK 2020

Amsterdam, the Netherlands
10 - 14 May 2020

Thank you very much for your attention

