

The Role of FIG

In contribution to professional development
and the global agenda

Prof. Stig Enemark



President

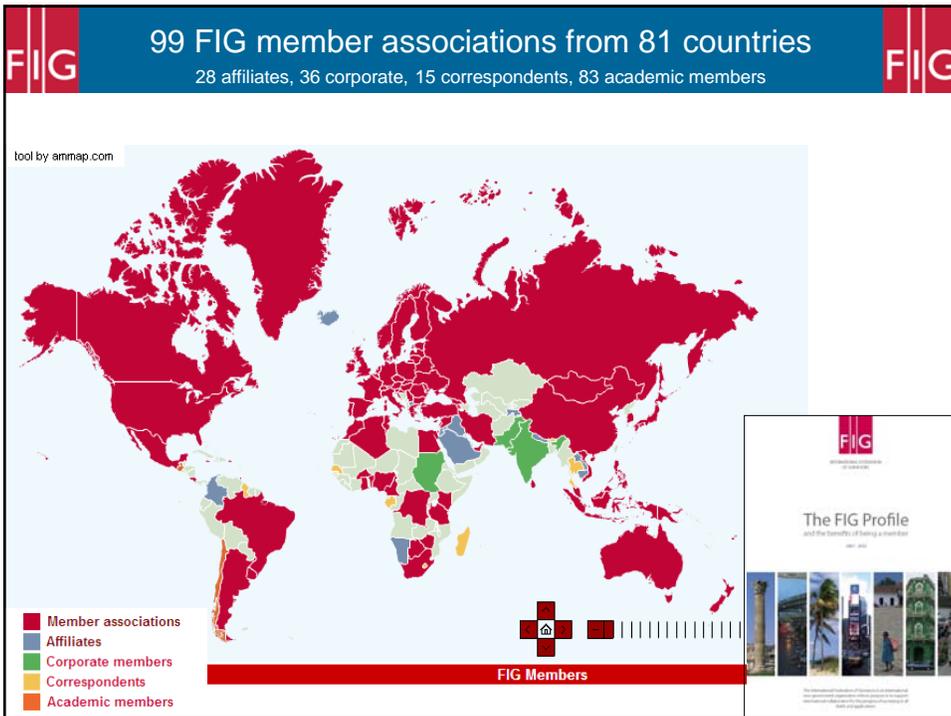
Aalborg University, Denmark

TOWARDS A UNIQUE MAP FOR THE ARAB WORLD
FIRST INTERNATIONAL SYMPOSIUM OF THE ARAB UNION OF SURVEYORS
29 JUNE – 1 JULY, BEIRUT, LEBANON

Greetings from Copenhagen



Greetings from the **FIG** Home Base



Current Policies

- **Flying high**
 - Global partnership with the UN-agencies incl. the World Bank in support of the global agenda such as achieving the MDGs
- **Keeping our feet on the ground**
 - Professional and institutional development at national and local level in support of the needs of our member associations and the individual surveyors.

Current Policies

What is the role of the Surveyors ?
Is it changing ?

FIG Policies - the big swing

▪ From Measurement

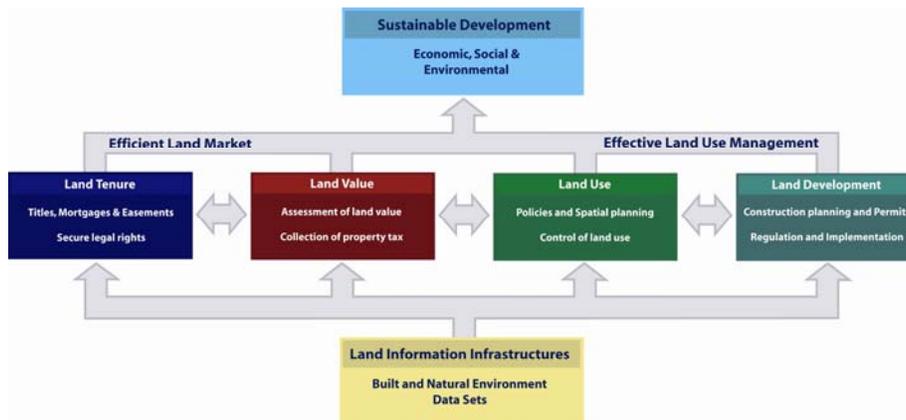
Surveyors will still be high level experts within measurement science, but due to technology development the role is changing into managing the measurements

▪ To Management

Surveyors will increasingly contribute to building sustainable societies as experts in managing land and properties

The Land Professionals

Land Administration Systems...



Land governance

Land governance is about the policies, processes and institutions by which land, property and natural resources are managed.

This includes decisions on access to land; land rights; land use; and land development.

Land governance is about determining and implementing sustainable land policies.

Land Governance - The Big Challenges

Contributing to achieving the MDGs - towards development, security and human rights for all.

This also include the big challenges of the new millennium:

- Climate Change
- Food Shortage
- Energy Scarcity
- Urban Growth
- Environmental degradation
- Natural Disasters

All these issues relate to governance and management of land

The role of the surveying profession

Land governance and management is a core area for surveyors – the Land Professionals. It will require:

- High level geodesy models to predict future change
- Modern surveying and mapping tools to support management and implementation
- Spatial data infrastructures to support decision making on the natural and built environment
- Secure tenure systems
- Sustainable systems for land valuation, land use management and land development
- Systems for transparency and good governance

Land governance is a cross cutting issue confronting all traditional silo-organised land administration systems.

Current Policies

Do Surveyors have a role to play in the global agenda?

No development will take place without having a spatial dimension

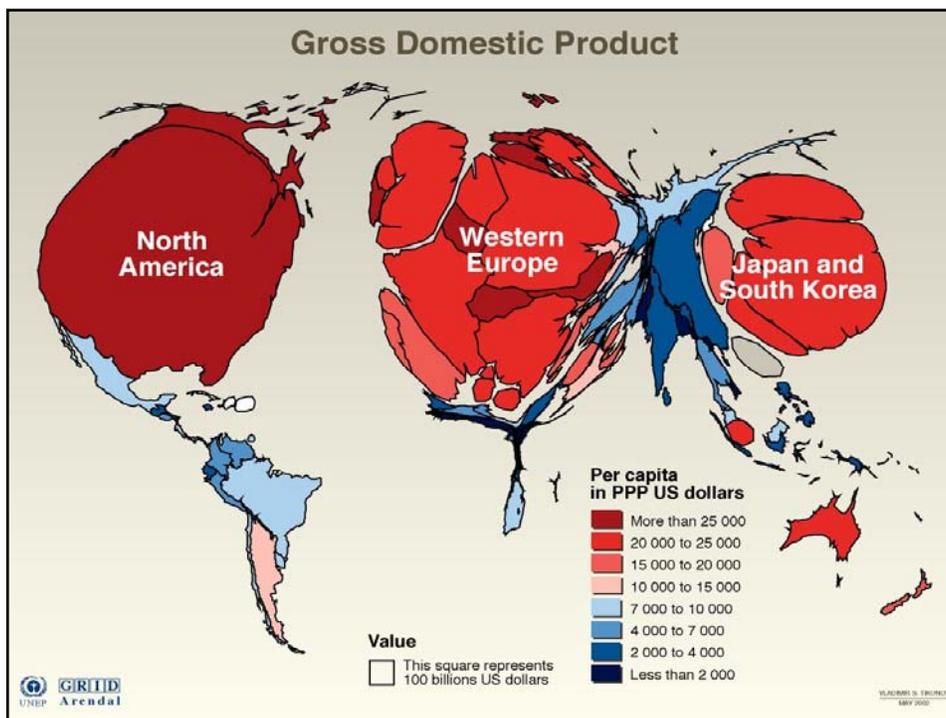
No development will happen without the footprint of the surveyor

The UN Millennium Development Goals

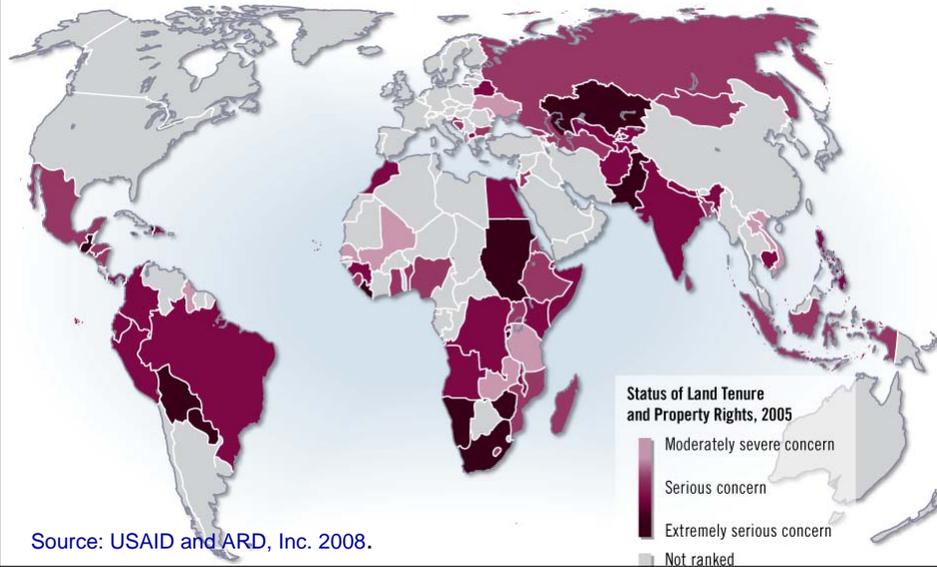
- Goal 1: Eradicate extreme poverty and hunger
- Goal 2: Achieve universal primary education
- Goal 3: Promote gender equality and empower women
- Goal 4: Reduce child mortality
- Goal 5: Improve maternal health
- Goal 6: Combat HIV/AIDS, malaria and other diseases
- Goal 7: Ensure environmental sustainability

Goal 8: Develop a Global Partnership for Development

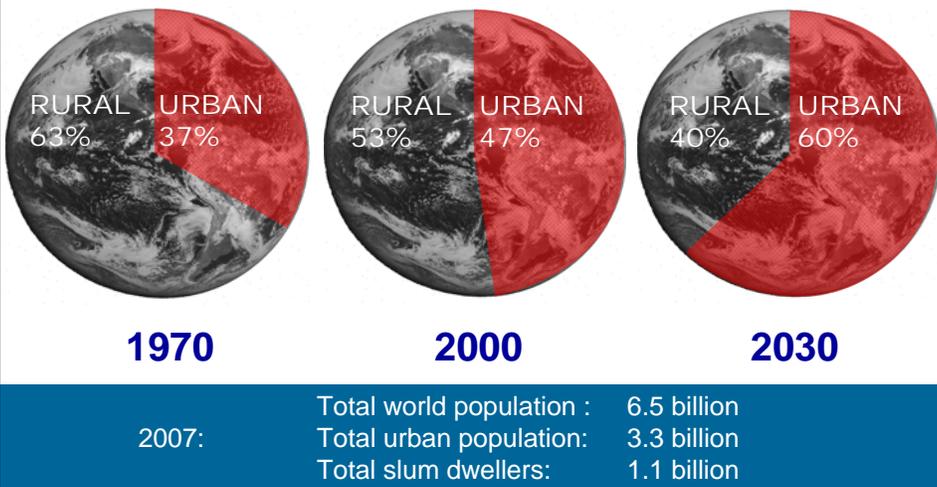
The framework includes 18 targets and 48 indicators enabling the ongoing monitoring of annual progress



World status of Land tenure and property Rights



Urban population growth





Hong Kong



Kibera, Nairobi, 250 ha, 1 mill+ people

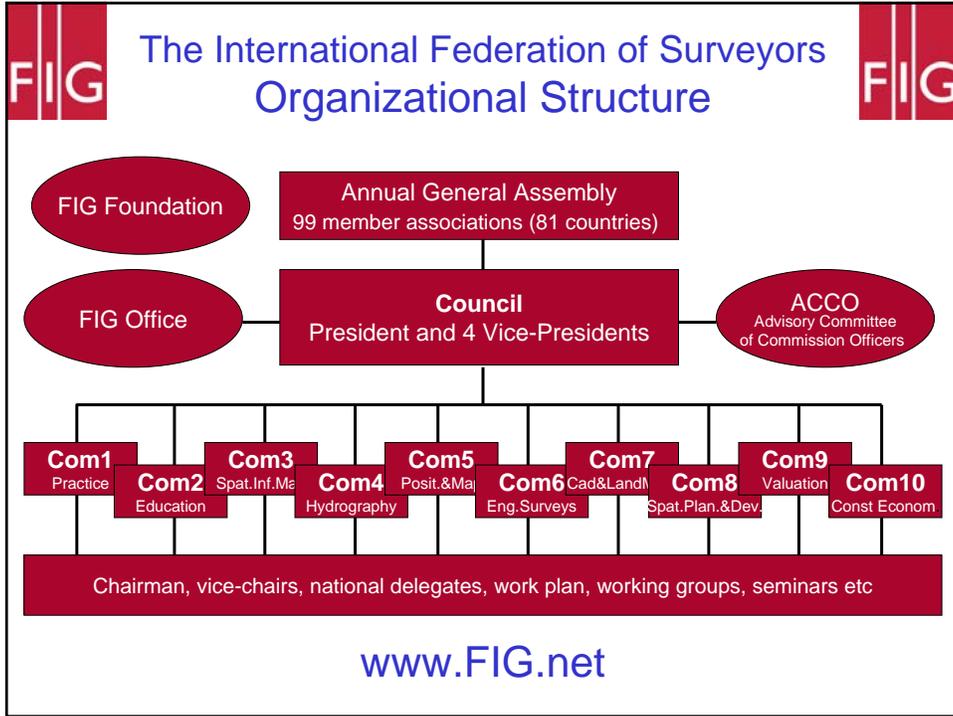
It is all about:

People, human rights, engagement and dignity
Politics, land policies and good governance
Places, shelter, land rights, and natural resources
and **Power,** decentralisation and empowerment



The role of FIG

What is the role of  in this regard?



President schedule June 2008 – June 2009

13-20 June FIG Working Week, Stockholm, Sweden

4-8 July, ISPRS Congress, Beijing, China
8-11 July, Hanoi, Vietnam, preparations for the FIG Regional Conference, Oct. 2009
28-31 July, Sydney, Australia, preparations for the FIG Congress, April 2010

9-15 September, FIG/FAO workshop and Com 7 Annual Meeting, Verona, Italy
17-19 September, CLGE Congress, Strasburg, France

15-17 October, SCS Annual conference, Dublin, Ireland

3-7 November, UN-Habitat WUF, Nanjing, China
10-14 Sydney, Australia, preparations for FIG Congress, April 2010
24-25 November, FAO EGM meeting, Rome, Italy

16-21 December, Rabat/ Marrakech, Morocco, preparation for FIG WW 2011

30 January-1 February, DdL Annual Meeting, Nyborg, Denmark

10-13 February, Map World Forum, Hyderabad, India
13-14 February, Survey of India, Delhi, India
18-18 February, Department of Surveying and Mapping, Kathmandu, Nepal.
26-28 February, FIG Commission 2 workshop, Vienna, Austria

9-11 March, Joint FIG/WB conference, Washington, USA
30 March- 3 April, UN-Habitat Governing Council meeting, Nairobi, Kenya

18-22 April GeoSiberia, Novosibirsk, Russia

2- 8 May, FIG Working Week, Eilat, Israel
23-27 May, PCGIAP Workshop, Theran, Iran

15-19 June, GSDI-11 Conference, Rotterdam, The Netherlands
29 June-1 July, Arab Union of Surveyors, Beirut, Lebanon

The Role of

- **Professional Development**
 - Global forum for professional discussions and interactions through conferences, symposia, commission working groups,
- **Institutional Development**
 - Capacity building through Institutional support for educational and professional and institutional development at national level
- **Global Development**
 - Cooperation with the UN agencies, FAO, UN.Habitat and World Bank, and sister organisations through Joint Board of Geospatial Information Societies.
- **Information and Communication**
 - website, annual review, publications
- **FIG Office**
 - administration, finances,

Professional Development

Annual working weeks

Hong Kong 2007
Stockholm 2008
Eilat 2009
Marrakech 2011

Biennial regional Conferences

Costa Rica 2007
Hanoi 2009

FIG Congress every four years

Sydney 2010

Commission work plans

10 technical commissions
Interaction with national delegates

Commission working groups

Interaction with national delegates

Commission workshops and seminars

Especially Com 2, 3, 6, 7 and 9 has been very active in this regard

Marrakech, 18-22 May 2011



Commission Work Plans – the heart and engine of FIG

Commission 1, Professional Practice

WG 1.1 Standards Network
WG 1.2 Young Surveyors Network
WG 1.3 Surveyors Changing Role in Society



Commission 3, Spatial Information Management

WG 3.1 e-Government and e-Citizen
WG 3.2 Spatial data Infrastructure
WG 1.3 Multidimensional Aspects of Spatial Information Management



Commission 5, Positioning and Measurement

WG 5.1 Standards, Quality Assurance and Calibration
WG 5.2 Reference Frame in Practice
WG 5.3 Integrated Positioning, Navigation and Mapping Systems
WG 5.4 GNSS – Global Navigational Satellite Systems



Commission 7, Cadastre and Land Management

WG 7.1 Development of Pro-Poor Land management and Administration
WG 3.2 Land Administration to Support Sustainable Development
WG 3.3 Application of Innovative Technology in Land Administration



Institutional Development

Member support

FIG provide institutional support to help members to help building educational programs and their institutional basis
And to help national agencies to build systems in surveying, mapping and land management

Latin America (regional institution)
Europe, CLGE, European Council of Surveyors
Francophone Countries
Africa; Task Force.
Asia (Nepal, India, Central Asia)
Arab countries (Arab Union of Surveyors)

Task Forces

Guidelines on Institutional and Organisational Development

Previously: Mutual recognition; Code of Ethics;
Now: Institutional and Organisational Development
New: Spatial Enabled Society; Africa Task Force

Networks

Standards
Young Surveyors



Global Development

FAO, projects on capacity building, good governance, land economics,

UN-HABITAT, partner in the GLTN network, projects on informal settlement, informal development, gendered land tools, etc....

World Bank, joint activities; publications, and joint conference March 2009 on Land Governance in support of the MDGs. See: www.fig.net/news/news_2009/fig_wb_march_2009.htm

Global partnership is the link that drives development for achieving the global agenda such as the MDGs



Global recognition → national recognition → local recognition

Global development partnership with UN-Habitat

Informal settlements

Traditional cadastral systems do not provide for security of tenure in informal settlements.

A more flexible system is needed for identifying the various kind of social tenure existing in informal settlements.

Such systems must be based on a global standard and must be manageable by the local community itself:

FIG cooperates with UN-Habitat, ITC and the World Bank to develop the **STDM** model that is design as a basic tool for poverty alleviation.



Information and communication

Web site

The key means of communication in a global organisation. An actual, factual, interesting, informative, updated, complete, accessible, source of information and knowledge.

Commission newsletters

Targeted information from the work of the individual commissions and their working groups.

President's letter

Biannual communication President to President.

Annual review

Annual overview of the FIG activities presented in an easy accessible way.

Publications

FIG publication series with four groups of policy statements, guides, reports, and FIG regulations.

FIG profile

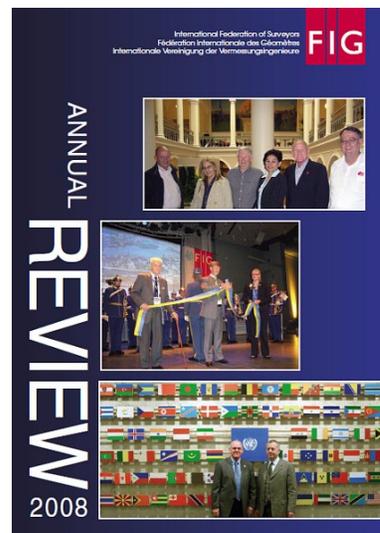


FIG publications



Management and administration

FIG

Is a global NGO based on voluntary work from the council and the commission officers as well as national members, delegates and others..

The Council

Leadership and executive management; promotion of profession; member support; event development; global development.

The Commissions

Professional development and innovation in all areas of surveying in cooperation with national delegates..

FIG Office

General administration; financial management, member services; council and commission support and services; general communication; event management.

The high level of activity and development can only be sustained by highly professional administrative support.



The XXIV FIG International Congress 2010

Sydney, Australia - 11 to 16 April 2010



Time is up - Thank you for your attention

