



# FIG Working Week 2013


## 36<sup>th</sup> General Assembly President's Report


**ENVIRONMENT FOR SUSTAINABILITY**

[www.fig.net/fig2013](http://www.fig.net/fig2013)

Organized by:




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FEDERATION OF  
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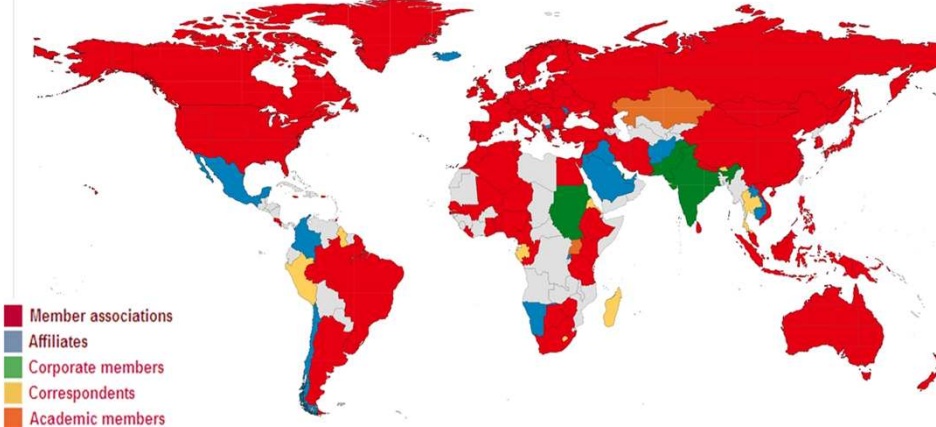
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**THE FEDERAL CAPITAL  
TERRITORY ADMINISTRATION**

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2013 FIG Working Week  
"Environment for Sustainability"  
Abuja, Nigeria, 4<sup>th</sup> – 11<sup>th</sup> 2013







106 Member Associations; 41 Affiliate Members; 90 Academic Members;  
22 Corporate Members & 4 Correspondents

**120 Countries**  
(1<sup>st</sup> Jan 2013)

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### **Commissions**

2012 General Assembly elected or confirmed as chair-elects –

FIG Commission 1	Brian J. Coutts (NZIS, New Zealand) (elected)
FIG Commission 2	Ms. Liza Groenendijk (GIN, The Netherlands)
FIG Commission 3	Enrico Rispoli (CNGeGL, Italy)
FIG Commission 4	Ms. Angela Kesiena Etuonovbe (NIS, Nigeria)
FIG Commission 5	Volker Schwieger (DVW, Germany)
FIG Commission 6	Ivo Milev (USLMB, Bulgaria)
FIG Commission 7	Ms Gerda Schennach (OVG, Austria) (elected)
FIG Commission 8	Kwame Tenadu (GhIS, Ghana) (elected)
FIG Commission 9	Liao Jinping (Patrick) (CIREA, PR China)

Council will recommend to this General Assembly for –

FIG Commission 10	a nominee of RICS as chair-elect
Young Surveyors Network	a candidate as chair-elect

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### **Revised Voting Structure**

The 2012 General Assembly in Rome unanimously adopted the recommendations from the Working Group on Voting Rights (that was convened by the 2011 General Assembly in Marrakech) that:

- the voting system be changed;
- the right to vote remains with member associations;
- a sliding scale of voting, relative to association's membership numbers, be adopted; and
- Council prepare and table a proposal (after consultation with the members) to amend Article 6.6 of the FIG Statutes no later than at the 1<sup>st</sup> session and to be implemented at the 2<sup>nd</sup> session of the 2014 General Assembly in Kuala Lumpur, Malaysia.

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### **Revised Voting Structure: Council's Proposal**

#### **1: 2: 3 Voting Structure for Member Associations**

- a) Member Association with 1000 or more members will have an extra vote (meaning two instead of one)
- b) Member Association that is paying the maximum membership fee will receive an extra vote (meaning three per association instead of one)
- c) All other Member Association continues to have one vote.

### **Responsibilities of Council Members: 2013 & 2014**

#### *Vice President Chryssy POTSIU (2011 – 2014)*

Chair FIG Task Force on Property and Housing; manage and co-ordinate FIG's initiatives in the area of property and housing; responsible for FIG's response the UN-Habitat's global housing strategy and initiatives; responsible for FIG's initiatives on Academic Members; co-ordinate the annual Forum for Academic Members; Council's representative to the FIG Foundation.

#### *Vice President Rudolf STAIGER (2011 – 2014)*

Chair FIG's Advisory Committee of Commission Officers (ACCO); manage and co-ordinate FIG's ten Commissions, technical strategy and initiatives including providing oversight to FIG's initiatives on standards, peer-review process, knowledge sharing initiatives and Affiliate Members; Council's representative on the FIG's Task Force on Surveyor and Climate Change.

### **Responsibilities of Council Members: 2013 & 2014**

*Vice President Bruno Razza (2013 – 2016)*

Manage and co-ordinate FIG's financial and administrative strategy and initiatives including providing oversight for general membership issues, the FIG Office, the FIG Administrative Manual; Council's representative on the FIG's Africa Task Force.

*Vice President Pengfei Cheng (2013 – 2016)*

Manage and co-ordinate FIG's initiatives and development in the areas of professionalism and ethics; support cooperation with regional structures and co-ordinate related agenda for action, outputs and delivery.

*All Vice Presidents, together with the President, promote the Federation and the significance of the profession; communicate and clarify to the membership the vision and direction of the Federation, contribute in enhancing the Federation's partnership with UN related agencies, the World Bank and other external international or multi-lateral agencies as well as sister and allied organizations.*



### **FIG Administration**

Council have carefully considered and shaped an administration that will continue to build on the foundations that was laid, to carry and advance the Federation and its objective in the coming years and term. The FIG Administration is now wholly located within the FIG Office in Copenhagen and with the FIG Director departing FIG at the end of July this year, the reshaped Administration now comprises:

Ms Louise Friis-Hansen, FIG Manager;

Ms Hanne Elster, FIG Office and Events Coordinator;

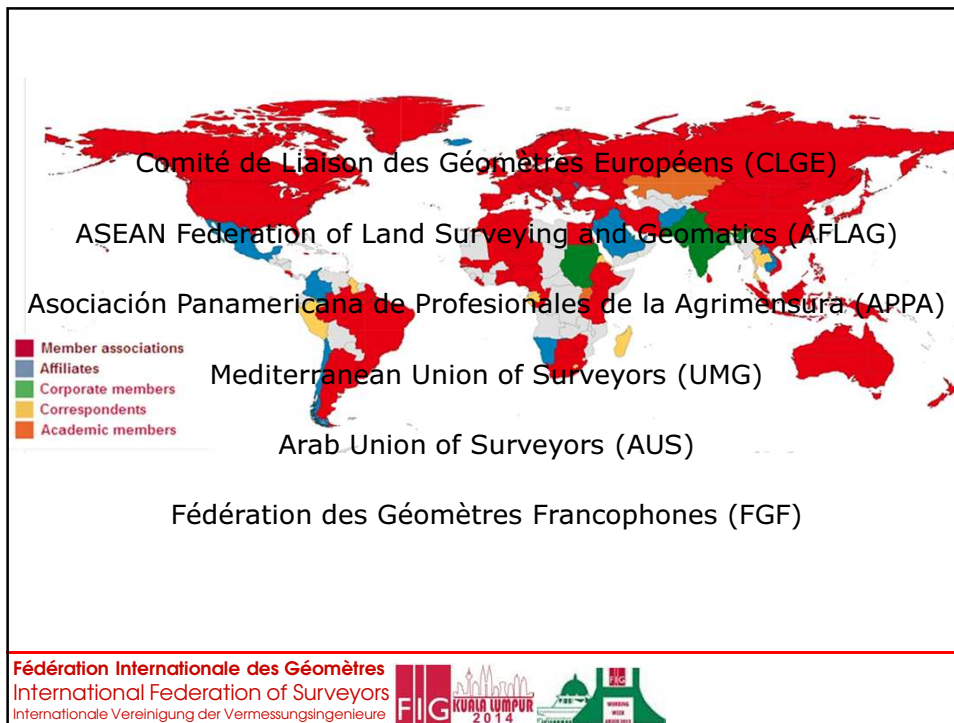
Ms Claudia Stormoen, FIG Office and Events Coordinator;

Ms Julie Hyun Sook Lee, FIG Development Coordinator; and

Ms Maria Bargholz, FIG Bookkeeper (*part time*).

*(Council is grateful to the Korean Cadastral Survey Corporation (KCSC), a key member of the Korean Confederation of Surveyors, FIG member association from the Republic of Korea for providing and financially supporting one of its staff to undertake the role of FIG Development Coordinator)*





**ANNUAL WORLD BANK  
Conference on  
LAND AND POVERTY**

The World Bank - Washington DC, April 8-11, 2013

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Annual World Bank Conference on  
**LAND AND POVERTY**  
APRIL 8 - 11, 2013 The World Bank - Washington DC


Logos displayed on the screen include: UN HABITAT, GLTN, esri, BMZ, THE GEORGE WASHINGTON UNIVERSITY, Landesa, FIG, GEOSPATIAL WORLD, African Union, IFAD, IFPRI, GIM, USAID, Trimble, ON, MILLENNIUM, Land Thematic Group, Economic Commission for Africa, The Land Policy Initiative.


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FIG KUALA LUMPUR 2014



## Annual World Bank Conference on Land and Poverty





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### A President's View of Fit-for-Purpose

“17. This brings me to the other important aspects of land governance which have been far more difficult to address across the world. This is the requirement of real time data and consolidated and co-ordinated databases on mapping, titles, etc. Good land governance even in multiple tenure and dual administrative systems require that land is mapped out clearly, each piece registered and different uses also recorded and shared across all the key actors. This is where the African Union land project referred to earlier has become so useful with the guidelines that it has generated.”

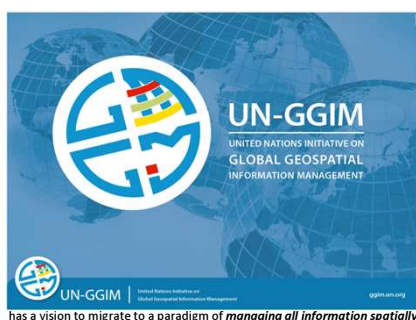
H.E., Mr. Festus Gontebanye Mogae, Former President of Botswana, Keynote Address, Annual World Bank Land and Poverty Conference, Apr 8, 2013

## Fit-for purpose – Key principles

- **General boundaries rather than fixed boundaries**
  - General boundaries will be sufficient for most LA purposes in rural and semi-urban areas.
- **Satellite images/orthophoto rather than field surveys**
  - Sufficient and 3-5 times cheaper and less capacity demanding.
- **Accuracy relates to the purpose rather than technical standards**
  - Accuracy should be determined by the purpose. Rural/urban, titling, planning ...
- **Opportunities for updating, upgrading and improvement**
  - Building the spatial framework is **not** a one stop process
  - Opportunities for updating, sporadic upgrading, and incremental improvement
  - This, in turn, will establish a modern and fully integrated LAS

(Stig Enemark)

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“The rapid advances in geospatial information and technologies, and their easy accessibility, have made such information an invaluable tool in research, policy and business planning and implementation. Across all sectors of society, it is increasingly recognized that the effective use of geospatial information helps address many of the current humanitarian, peace and security, environmental, and development challenges facing the world, such as climate change, natural disasters, disease pandemics, famines, population displacement, food and economic crises, which are of a cross-border nature requiring both global, regional and national policy responses.”

(United Nations Secretary General's Report to the UN Economic and Social Council, 2011)

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UNRCC 19th United Nations Regional Cartographic Conference for Asia and the Pacific

### Applications and the Importance of Geodetic Infrastructure

Mikael Lilje  
Chair, FIG Commission 5 (Positioning and Measurement)  
CheeHai TEO  
President, FIG

UNRCC 19th United Nations Regional Cartographic Conference for Asia and the Pacific



### FIG has collaborative activities with IAG, ICG, and IGS



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UNRCC 19th United Nations Regional Cartographic Conference for Asia and the Pacific

### Good Coordination starts with Good Coordinates

— David Doyle  
FIG Regional Conference, Costa Rica, 2007



UNRCC 19th United Nations Regional Cartographic Conference for Asia and the Pacific

### Technical Seminar on Reference Frame in Practice

4-5 May 2012, Rome, Italy



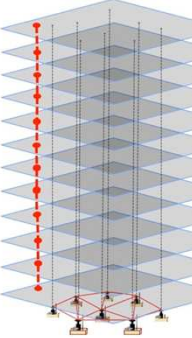
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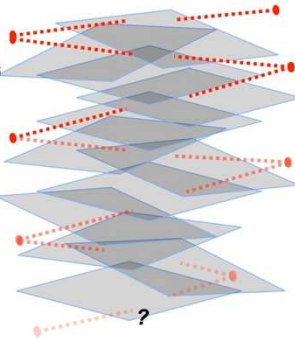


## A Global Reference Frame for what?




Regional Reference Frame

**METEOROLOGY**  
**NATURAL RESOURCES**  
**CROSS BORDER UTILITIES**  
**BOUNDARY DISPUTES**  
**URBAN DATA**  
**CONSTRUCTION**  
**MILITARY**  
**GEOLOGY / SEISMOLOGY**  
**REGIONAL PLANNING**  
**TRANSPORTATION**  
**DTM, DEM**  
**NATIONAL BOUNDARIES**



Discrete Reference Frames

- - - - - = spatial "dialogue"




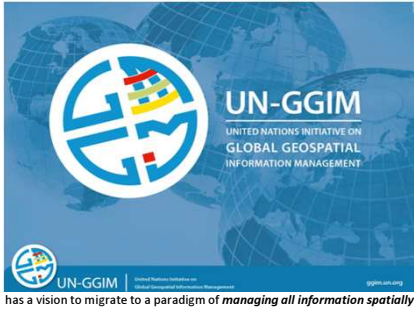
(John Whitehead, 2012)

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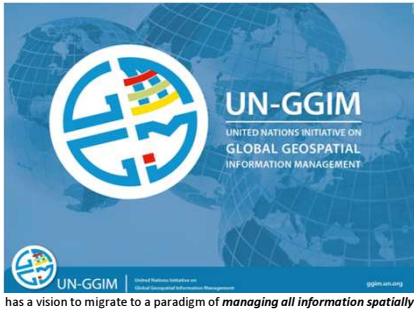
UN-GGIM  
UNITED NATIONS INITIATIVE ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT

UN-GGIM  
has a vision to migrate to a paradigm of *managing all information spatially*

Provide international perspectives and understanding of urban hazard and risk terminologies and processes, and how they may be applied. Although hazards are relatively easy to understand – earthquakes, tsunamis, floods, typhoons, and so on – the frequency, likelihood, or risk of them occurring and impacting on urban environments is much harder to understand and demonstrate. Disaster risk reduction programs aim to reduce the vulnerability (and enhance the resilience) of communities to the adverse effects of natural hazards. A key step in reducing vulnerability is the development and delivery of natural hazard impact and risk information and mapping

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FIG  
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GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT

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Agenda Item 4:  
Global Geodetic Reference Frame  
Annotation to Agenda Item:  
Report of the Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific in collaboration with the International Association of Geodesy on the global geodetic reference frame.

Agenda Item 10:  
Critical issues relating to the integration of land and marine geospatial information  
Annotation to Agenda Item:  
Report of the Secretary-General in collaboration with the International Hydrographic Organization (IHO) and the International Federation of Surveyors (FIG) on critical issues relating to the integration of land and marine geospatial information.

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FIG  
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**TIME TO THINK URBAN**

**UN-HABITAT**  
24th Session Governing Council  
NAIROBI, 15-19 APRIL 2013

Use HabitatLab can help you collect and disseminate information and exchange of ideas which can help urban expansion, while strengthening decentralisation and local democracy. The publication of digital built-up areas and land-use information can help urban growth, create more public space, and in some cases enable development case sharing through land value capture.

**Global Land Tool Network**

Continued attention to land administration and management has largely been to deliver more access to land and enhance governance. The technical solutions that are being used to address these issues are the result of a range of human factors, both in developing countries and elsewhere. In order to address these issues, the Global Land Tool Network (GLTN) has been established to coordinate and support the development of land administration and management systems that are people-centred, transparent, and accessible to all, particularly in urban areas.

**PLU-IT - Participatory and Inclusive Land Readjustment**

PLU-IT is a participatory and inclusive land readjustment process that involves the community in the planning and implementation of the process. It is a process that involves the community in the planning and implementation of the process. It is a process that involves the community in the planning and implementation of the process.

**Slum cities**

Slum cities are cities where the majority of the population lives in informal settlements. These settlements are often characterized by poor infrastructure, lack of services, and high density. They are a result of rapid urbanization and the failure of formal housing markets to meet the needs of the urban poor.

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**FIG** KUALA LUMPUR 2014

**Continuum of Land Rights**      *Global Land Tool Network, UN-HABITAT (2010)*

**GLOBAL LAND TOOL NETWORK**      **FIG**

**The Social Tenure Domain Model**  
A Pro-Poor Land Tool  
FIG Publication No. 52

*include rights that are documented as well as undocumented, from individuals and groups, from pastoralist and informal settlers, that are legal as well as extra-legal and informal*

**Addressing the Land Information Requirements of the Urban Poor - Piloting STDM in Uganda Pilot Activities**

1. Building local partnerships in Uganda and selecting a pilot city
2. Customization of STDM Intermediate version in response to local context
3. Learning, monitoring and documentation - what is needed to build capacity?
4. Drawing lessons for wider application
5. Dissemination

*(After Danilo Antonio et al, 2012)*

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**FIG** KUALA LUMPUR 2014

VOLUNTARY GUIDELINES ON THE

## Responsible Governance of Tenure

OF LAND, FISHERIES AND FORESTS IN THE CONTEXT OF NATIONAL FOOD SECURITY




Endorsed on 11<sup>th</sup> May 2012 by the United Nations Committee on World Food Security

The guidelines address a wide range of issues including recognition and protection of legitimate tenure rights, even under informal systems; best practices for registration and transfer of tenure rights; managing expropriations and restitution of land to people; rights of indigenous communities; ensuring that investment in agricultural lands occur responsibly and transparently; dealing with the expansion of cities into rural areas

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VOLUNTARY GUIDELINES ON THE

## Responsible Governance of Tenure

OF LAND, FISHERIES AND FORESTS IN THE CONTEXT OF NATIONAL FOOD SECURITY





Endorsed on 11<sup>th</sup> May 2012 by the United Nations Committee on World Food Security

“ . . . an urgency and an immediate challenge in the building of an up-to-date, credible, comprehensive and authoritative inventory of land (and the seas) that include information on tenure, custodianship and ownership.”


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**FIG** FIG REPORT  
FIG PUBLICATION NO 63

**Sydney Agenda for Action**  
Small Island Developing States and the Millennium  
Development Goals: Building the Capacity



The Role of Land Professionals  
SIDS Seminar, FIG Congress, Sydney, Australia 14<sup>th</sup>-15<sup>th</sup> April 2010

**FIG**  
INTERNATIONAL FEDERATION OF SURVEYORS

*(FIG acknowledged the funding provided by Aus Aid, FAO, Commonwealth Foundation, and NZ Aid towards the success of this Seminar.)*


During the XXIV FIG Congress in Sydney, 2010, a seminar was organised to address the challenges Small Island Developing States (SIDS) are facing in achieving the Millennium Development Goals (MDGs) and with a special focus on the Pacific Region. The Seminar articulated the input of surveying professionals in the Pacific Region and emphasised the importance of good land governance especially in relation to climate change and natural disaster; access to land, coastal and marine resources; and secure land tenure and administration. The seminar adopted the “**Sydney Agenda for Action**” that aims at developing the capacity of surveying professionals to deal with these challenges.

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**FIG** KUALA LUMPUR 2014

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**FIG**  
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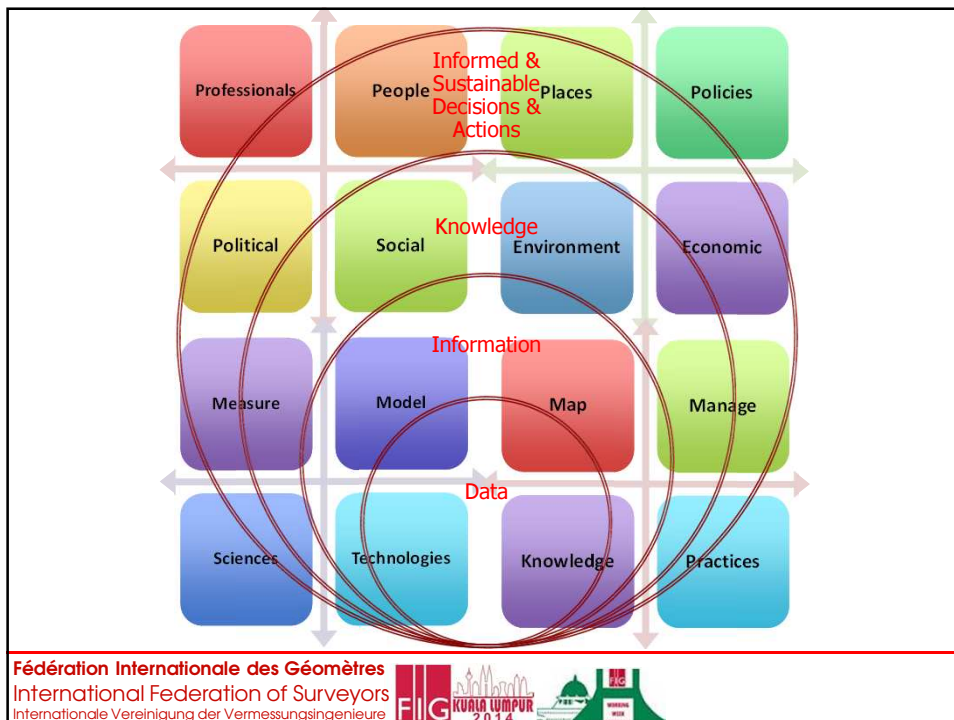
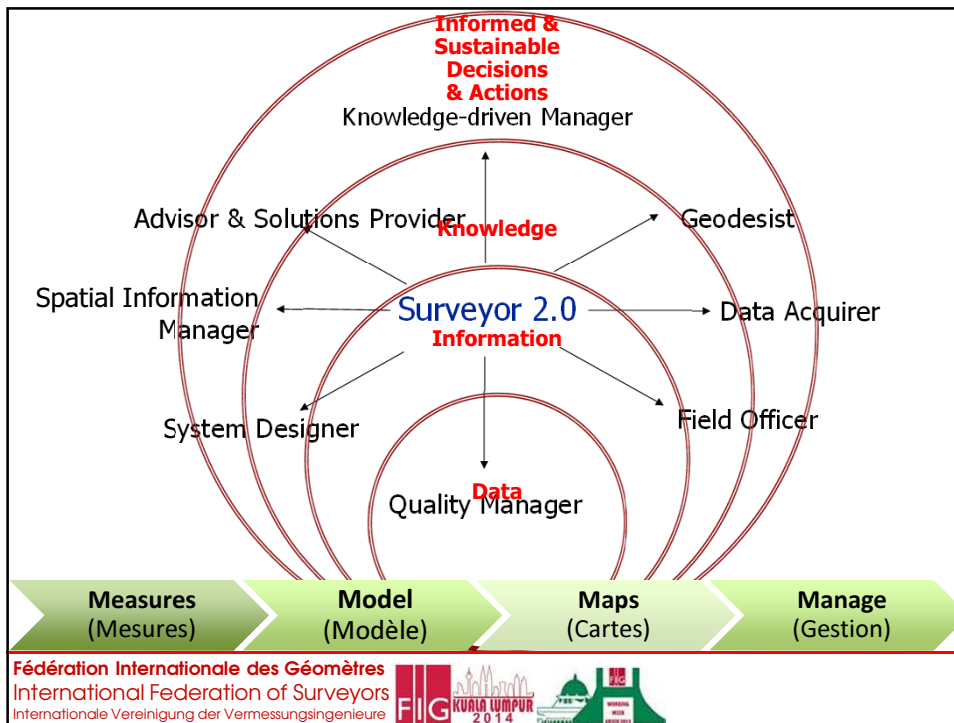
*(FIG acknowledged the funding provided by Aus Aid, FAO, Commonwealth Foundation, and NZ Aid towards the success of this Seminar.)*

“**Sydney Agenda for Action**” has five points;

- Flying high with feet on the ground;
- Developing vehicles for building professional capacity;
- Building roles and responsibility for professionals;
- Acting responsibly; and
- Driving the Agenda for the Pacific.

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**FIG** KUALA LUMPUR 2014



**2011 - 2014 Work Plan:**  
**Engaging the Challenge: Enhancing the Relevance**

**Engaging the Membership**

- Communications
- Commissions
- Conference Structures

**Engaging Global Challenges**

- Collaborating
- Contributing
- Cascading

**Enhancing the Significance and Relevance towards the betterment**

- Society
- Environment
- Economy

**Legend:**

- Member associations
- Affiliates
- Corporate members
- Correspondent members
- Academic members

**Vision**  
 A Profession, armed with knowledge and best practices, extending the usefulness of surveying for the benefit of society, environment and economy, increasingly positioned in significance and relevance, next door to everywhere.

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Median Age in Years	1950	1980	2010	2050	2100
Latin America and Caribbean	20.1	20.1	27.9	41.0	46.6
Africa	19.2	17.5	19.8	26.4	35.9
World	23.9	23.1	29.4	37.9	41.9

(United Nations Department of Economic and Social Affairs)

**Percentage of population younger than 15 by major area**

FIG YOUNG SURVEYORS

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FIG KUALA LUMPUR 2014

*addressing the needs of Youth as a broad category within Society and Economy.*

