Building the Capacity
The FIG Agenda and Achievements 2007-2010
Prof. Stig Enemark
President
PCGI-AP  PLenary Session
GSDI 12 World Conference, Singapore, 18 October 2010

The FIG Agenda

“Building the Capacity”
through
“Flying high
and
Keeping the feet on the ground”

The FIG Agenda

Flying High
- Global partnership with the UN-agencies incl. the World Bank in support of the global agenda such as the MDGs

Keeping the feet on the ground
- Professional and institutional development at regional, national, and local level in support of the needs of our member associations and individual surveyors.

Current FIG Policies

Is the role of the Surveyors changing?
Yes!
From land surveying to land management

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*

The Role of FIG

- **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
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Conferences 2007

- FIG Working Week, April 2007, Hong Kong
- FIG Regional Conference, San José, Costa Rica
- FIG Working Week, June 2008, Stockholm, Sweden
- FIG Working Week, May 2009, Eilat, Israel

The XXIV FIG International Congress 2010

The biggest FIG Congress ever
100+ countries, 2000+ participants, 800+ papers, 150 sessions

Sydney Declaration – General Policy Statement
Sydney Agenda for Action – Small Island Development States, Pacific Region

Professional Development – the Commissions

The heart and engine of FIG

- Providing the technical programme for the FIG conferences
- Highly successful work plans
- Annual meetings and workshops
- Commission newsletters and high level publications on key professional issues
- Allows in principle everyone to participate in the FIG activities
- National delegates ensure interaction with the wider FIG membership
- A powerful concept for professional development
The Commissions – 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 2, Professional Education
- WG 2.1 Curriculum Development – Learning
- WG 2.2 e-Learning
- WG 2.3 Educational Management and Marketing
- WG 2.4 Real Estate Valuation and Management Education

Commission 3, Spatial Information Management
- WG 3.1 General Issues and e-Classes
- WG 3.2 Spatial Data Infrastructure
- WG 3.3 Multidimensional Aspects of Spatial Information Management

Commission 4, Hydrography
- WG 4.1 Hydrographic Surveying in Practice
- WG 4.2 Standards and Guidelines
- WG 4.3 Administering Marine Spaces
- WG 4.4 Capacity Building and the Economic Benefits of Hydrography

Commission 5, Positioning and Measurement
- WG 5.1 Standards, Quality Assurance and Certification
- WG 5.2 Reference Frame in Practice
- WG 5.3 Integrated Positioning, Navigation and Mapping Systems
- WG 5.4 GNSS – Global Navigation Satellite Systems

Commission 6, Engineering Surveys
- WG 6.1 Determination Measurement and Analysis
- WG 6.2 Engineering Surveying for Industry and Research
- WG 6.3 Engineering Survey Data Bases and Facility Management
- WG 6.4 Engineering Survey for Construction Works and Structural Engineering

Commission 7, Cadastre and Land Management
- WG 7.1 Development of Pro-Poor Land Management and Administration
- WG 7.2 Land Administration to Support Sustainable Development
- WG 7.3 Application of Innovative Technology in Land Administration

Commission 8, Spatial Planning and Development
- WG 8.1 Planning Strategy for Urban Development and Regeneration
- WG 8.2 Informal Settlements Issues in Spatial Development, Planning and Governance
- WG 8.3 Urban Planning in Coastal Regions

Commission 9, Valuation and the Management of Real Estate
- WG 9.1 Compulsory Purchase and Compensations in Land Acquisition and Takings
- WG 9.2 Determining Sale Conditions through Innovative Financing
- WG 9.3 Diagnostic Tools and Prescriptive Practices for the Valuation Profession
- WG 9.4 Review of Valuation Methods and Standards Worldwide
- WG 9.5 GIS-analyses in Real Estate Market Analyses and Valuation

Commission 10, Construction Economics and Management
- WG 10.1 Construction Economics
- WG 10.2 Commercial Management
- WG 10.3 Project and Programme Management

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Institutional Development - highlights

Capacity Building
A broad concept – including institutional and individual level.
Addressed through FIG activities at all levels, council, task forces, commissions.
Providing guidance for government, members associations and individual surveyors on capacity development.

Africa Task Force
Creating the surveying profession in Sub Saharan Africa to better deal with social responsibilities in terms of contributions to the MDGs

Regional Co-operation
FIG supports regional structures like FIG-ARCC, FIG-ASIA, FIG-SA and FIG-LAC which hold a lot of potential; new regional structure for Latin America established September 2015.

Director General’s Forum
Has been very well received as an opportunity of interaction between the CEOs and professional practice, representing Affiliate Members of FIG

Young Surveyors Network
This new initiative has been very successful and highly appreciated. The engagement and encouragement of the young surveyors must be sustained and improved. The FIG—Young Surveyors Network represents the young surveyors and the Federation as a whole.
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Global Partnership on Land Governance

Is strongly committed to the MDGs and the UN-Habitat agenda on the GLTN
No development will take place without having a spatial dimension
No development will happen without the footprint of the surveyor

Achievements

The Global Agenda
The 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

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Global Development – highlights

FAO
Close co-operation on projects within capacity building, good governance, land economics...

UN-HABITAT

World Bank
Strong partnership and recognition on Land Governance in support of the MDGs Partnership on the global agenda ahead Joint Seminar on Land Governance and the MDGs, March 2009.

Global Partnership is the link that drives development for achieving the MDGs

Facing the new challenges

- Climate change
- Food shortage
- Energy scarcity
- Urban growth
- Environmental degradation
- Natural disasters
- Global financial crisis

All these challenges relate to governance and management of land

Good Land Governance is fundamental for addressing the new challenges and for achieving the MDGs.
Geo-information management

...creates a strong foundation

...for sustainable action

Source: ESRI

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Information and communication

Web site
The key means of communication in a global organization. An actual, factual, interesting, informative, updated, complete, accessible, source of information and knowledge.
Face lift planned for second half of 2010.
President’s letter
Biannual communication president to president
Annual review
Annual overview of the FIG activities in an easy accessible presentation
Publications
FIG publication series with four groups of policy statements, guides, reports, and FIG regulations
Administration
Permanent Office in Copenhagen, Three staff members

FIG publications 2007– 2010
available online – FIG.net

President’s slogan

Flying High
- Contributing to the global agenda

Keeping the feet on the ground
- Driving professional development

Was that possible?
Yes – we can

Thank you for your attention