

Closing Address for FIG Working Week

Integrating Generations

Prof. Stig Enemark
FIG President

What have we done?

Tied the Ribbon between the generation that changed the world from analogue to digital and the generation that takes digital media for granted

Young Surveyors have been everywhere, and mentor session have brought the generations together



What have we done?

- Almost 1,000 participants from 95 Nations and the exhibition
- UN-Habitat Seminar on “Improving Slum Conditions through Innovative Financing”
- General Assembly Sessions, Commission Meetings, Council Meetings, Director General Summit
- FIG Plenary Sessions, over 70 Technical Session, nearly 400 Presentations and also Technical Tours
- Successful implementation of Peer Review Papers

Professional Development through commission based sessions

1. Professional Practice
2. Professional Education
3. Spatial Information Management
4. Hydrography
5. Positioning and Measurement
6. Engineering Surveys
7. Cadastre and Land Management
8. Spatial Planning and Development
9. Valuation and the Management of Real Estate
10. Construction Economics and Management

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- Dr Anna Tibaijuka asked,
“How can surveyors and Land Professionals contribute to more sustainable urbanization?”
- Her suggestions included:
 - Provision of better planning information for better decisions
 - Development of new land tools for poor countries
 - Introduction of “Barefoot” Surveyors (low cost solutions)
 - To become more aware of the Land Professionals Role in Society

Mr Andreas Carlgren, Swedish Minister for the Environment

- In Sweden Land and Property underpin the economy
- In developing counties, the Minister said:
 - Legal empowerment of the poor is required to support property owner ship
 - Information Systems are needed to stop us guessing

Mr Andreas Carlgren, Swedish Minister for the Environment

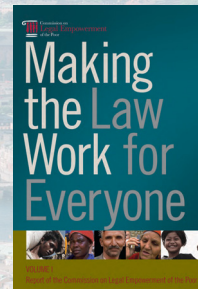
- Sweden has taken the initiative for the construction of a national satellite imagery database for measurements over Sweden –Success. The satellite database will be launched next week (24th June). Everyone can download satellite images of Sweden entirely free



Dr Ashraf Ghani Empowerment of the Poor

A four Pillar Approach to Empowering the poor:

- I. Access to Justice and the Rule of Law
- II. Property Rights
- III. Labor Rights
- IV. Business Rights



“We do not inherit the earth from our ancestors, we borrow it from our children”
Native American saying

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Issues from the seminar

- Incremental approaches that suit the poor
 - Intermediate forms of Title
 - Gender sensitive Title
 - Incremental finance from group to project
- Collective approach to suit the poor
 - Women led savings schemes leading to -
 - Project finance attractive to banks -
 - Reduces transaction costs and risk
- Making Land Markets work for the poor
 - Using innovative planning instruments

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Issues from the seminar

- Preliminary Recommendations include:
- The need to take a long term perspective and use the experience of those in the field with the upcoming generations of Land Professionals



Photo's Michael Mutter



Photo
Michael Mutter

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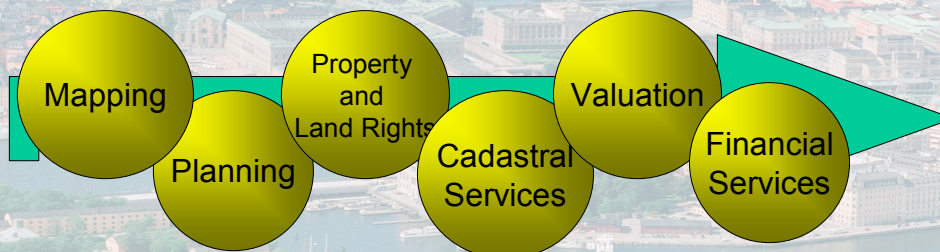
Issues from the seminar

- A radical suggestion might be to create teams of young people to be mentored by different experts – a New Curriculum for Land Professionals
- They will need to be adept at discussing and facilitating multi professional issues, working with other professional groups
- Take forward this integrated seminar experience to World Urban Forum in China November 2008

Harnessing Globalisation to Empower the Poor

- “The Land Professional can bring Information, Knowledge and Wisdom into Harmony”

Dr Ashraf Ghani



A Bundle of Interests

the surveying profession traverse

Global Partnerships in Land Management



Is strongly committed to the MDGs and the UN-Habitat agenda on the GLTN

Global Partnership

- UN agencies have access to national governments and to setting an global agenda
- But UN agencies will often depend on interest groups and NGO's for implementing this agenda
- As an international NGO has access to national associations and individual professionals
- But NGO's will often depend on the UN-agencies to determine the global agenda
- **Global partnership will then establish the link that drives development for achieving the global agenda such as the Millennium Development Goals**



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

Geodetic Control is the **Critical Layer** for GIS Applications

All these issues relate to governance and management of land

Diagram: David Zilkoski

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

Land Professionals Mediators, Facilitators and Interpreters

Agents for change - Politics

Government - Rules

Land Professional

Land Surveyor

Grass Roots

Land owner / client

We Need to Listen to and work with our Customers

- Emergency Managers
- Planners and Developers
- Insurance Industry
- Agricultural Industry
- Construction Industry
- Environmental Engineers
- Coastal Managers
- Local governments
- Tribal governments
- International Organizations
- Academia
- Professional Organizations
- Private Sector
- Foreign Counterparts



From Generation to Generation

Global data sources
Spatial data available and used by public

Today

Swedish Survey formed
Large public interest

100 years ago

130 years ago

FIG was founded
No public interest in maps

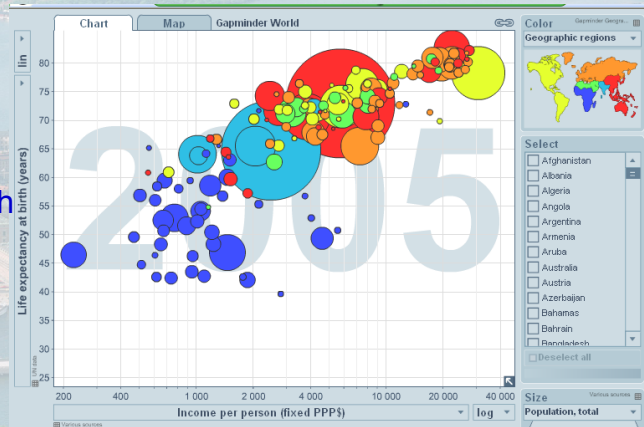
380 years ago

Swedish Cadastre was formed
Land information secret

A new view of world Population growth

Dr Malcolm Childress, World Bank

- Life expectancy
- Income
- Population growth



www.gapminder.org

Key Take Home Messages ...

- We must mobilise the next generation of Land Professionals
- We must continue to develop innovative and transitional solutions to address global inequality in land and property ownership and tenure
- We **can** act as Professional Facilitators – We can Flying High
- And we **are** providing the underlying data to enable monitoring and support decision making for sustainable development

...Key Take Home Message

- Climate change means that the world is more dynamic than ever and in danger
- Land Governance and e-government will become more and more significant
- Land Professionals must develop more as inter-professional facilitators and interpreters

Integrating generations
the future belongs to our children



