XXIII International FIG Congress

Shaping the Change
Conference Summary

Holger MAGEL
President of FIG

FIG Munich 2006 - Closing Ceremony

... Surveyors’ contribution is essential for the development of a country ...

Edmund Stoiber, FIG Opening Ceremony

FIG Munich 2006 - Closing Ceremony
Information

• More than 1160 participants coming from almost 100 countries (plus thousands of INTERGEO-visitors)
• 4 plenary sessions with high calibre speakers
• 90 technical sessions and workshops
• More than 450 papers and 100 posters
• Unique Triple Event (FIG Congress – INTERGEO – IAG / Geodetic week)

Information

• Many young professionals and integration of students forum
• Several meetings (FIG: Council, ACCO, Commissions)
• Working week 2011 in Marrakech, Morocco
• Regional Conference in Costa Rica
Embracing change…..

- Continuing relations with sister and international partner organisations
- Member associations (now includes our 100th member)
- Incoming Council
- Incoming Commission Chairs
- New delegates
- …

Human Rights

Fundamental…

- Freedom from Poverty
- Freedom from Fear
- Freedom to live in Human Dignity

Kofi Annan, UN Secretary General
Human Rights

How FIG is addressing these . . .

- Freedom from Poverty
- Freedom from Fear
- Freedom to live in Human Dignity

Joint activities with . . .

- NGOs, sister organisations and Cooperation (including UN-organisations, Joint Board of Geospatial Information Societies, Global Land Tool Network)
- Tasks Forces in FIG
Munich Declaration

From to

FIG Munich 2006 - Closing Ceremony

Munich Declaration

on

DISASTER RISK MANAGEMENT

to be endorsed by General Assembly in Hong Kong 2007

FIG Commissions

A strong network

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

FIG Munich 2006 - Closing Ceremony
Mind the Gap

We have achieved so much …

… we have so much more to do

Shaping the Change

Change - Challenge - Shape…

• What Changes are we facing?
• What Challenges do they bring?
• What Shaping will lead to action?
Change

What Changes are we facing?

• Global economy, financial and new business paradigms…
• Climatic risks and environmental disasters…
• Social patterns of poverty and migration…

Challenges

What Challenges do they bring?

• Re-balancing economic aspirations across regions
• Leaving a liveable planet to our children
• Creating a peaceful and just world
• Engaging with mass information portals
Shaping

What Shaping will lead to action?

- Energised Leadership
- Effective Policies and Organisations
- Ethical Cultures and Values
- Equitable Models for Cooperation
- Expert Knowledge to Share and Influence

Surveyors contribute to..

Millennium Development Goals
- Appropriate engagement and tool creation

Design and implementation
- Accurate reference systems and creation of virtual infrastructures

Upgrading
- Settlements and slum

eServices
- eGovernment
- eLearning

Relationship
- Engagement with Urban-Rural
Surveyors contribute to ...

Resource control
- Effective and affordable solutions

Emergency planning and response
- Climatic, natural and manmade disasters

Awareness
- Increasing knowledge of spatial solutions for other client-groups and customers

Splitting the Paradox
- Geoinformation acquisition and use of data from 'Mash Ups' to high quality data

…….. Customer needs and expectations

Commissions this week…
High level summary

- Standards are fundamental for data integration
- NSDI increase democracy though they are complex to justify in economic terms
- Harmonisation and modularisation in surveying education
- Promoting the contribution of hydrography to land management
- Inter disciplinary co-operation on global observation systems
Commissions this week…
High level summary

- Experience of working with new surveying technologies
- Innovative pro-poor and pro-gender land tools
- Informal settlements require access, upgrading and innovative finance
- Online transparency, availability and use of information
- Project Management, change management, sustainable procurement arrangements

Futures

“Geography is the common language - Let’s talk” … and walk towards a better world

“The data should run – not the customer”

“We need solutions for today’s challenges and the futures …”

“If you want to start a war, destroy the cadastre”
Surveyors can shape the change by **COLLABORATION**, **COMMUNICATION** and **COOPERATION**.

Surveyors can shape the change with **PASSION**, **ENERGY** and **ENTHUSIASM** by working in more than one dimension.

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**Surveyors should be …**

1. **Stabilisers** of public order
2. **Guardians** of rights of property
3. **Producers**, **administrators** and **distributors** of SDI
4. **Managers** of land, water and other natural resources
5. **Enablers**, **mediators** and **advisors** for urban and rural planning and development
6. **Hinges** in global, national and local early warning systems
7. **Active partners** in the development and use of innovative technology (GNSS)
“Vermessungsingenieure brauchen neben dem Flügel für den Äther den Stiefel für das Pflaster”

“Surveyors need wings for flying in the air and boots for walking on the rough ground”

nach Jean Paul

Achievement of German Council

1. Increased Membership
2. Stabilization of FIG’s finance
3. Improvement in FIG internal communications
4. Increased Professionalism of FIG conferences
5. Improvement in FIG’s public relations
6. Cooperation across the ‘Geoinformation family’
7. Restructuring of FIG office and FIG directors role
As FIG president 2002 – 2006 I would like to thank the whole FIG community with all my heart for their strong and enthusiastic support.

It has been a privilege for me to serve this wonderfully unique organisation, FIG, and in particular the Congress in Munich 2006.

Good Bye and see You

at

FIG Working Week 2007

Strategic Integration of SURVEYING SERVICES

13-17 May 2007