

International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure



International Federation of Surveyors

General Assembly

MINUTES AND APPENDICES

17 and 21 May 2015

**National Palace of Culture
Sofia, Bulgaria**

INTERNATIONAL FEDERATION OF SURVEYORS**FIG 38th GENERAL ASSEMBLY****17 and 21 May 2015****National Palace of Culture – Congress Centre Sofia - Sofia, Bulgaria****PROGRAMME**

Sunday, 17 May 2015		
National Palace of Culture – Congress Centre Sofia – Sofia, Bulgaria		
Sunday	09:00-12:30	General Assembly, First Session
17 May	13:30-16:00	
	Hall 3, 7 th floor	
Monday, 18 May – Wednesday, 20 May 2015		
FIG 2015 Working Week		
National Palace of Culture – Congress Centre Sofia - Sofia, Bulgaria		
www.fig.net/fig2015		
Monday, 18 May – Wednesday, 20 May 2015		
FIG 2015 Working Week Exhibition		
National Palace of Culture – Congress Centre Sofia		
www.fig.net/fig2015		
Monday- Tuesday 18-19 May		Annual Meetings of FIG Commissions and Networks
Tuesday 19 May	To be announced later, CCS, Sofia	FIG Member Associations Forum These two sessions are reserved for Presidents or Heads of delegation (or their representatives) of member associations to discuss issue of their common interest. President of Chamber of Surveyors, Bulgaria chairs the meeting. By invitation only
Wednesday 20 May	11:00-12:30 and 13:30- 15:00 Congress Center Sofia	Director/Surveyor General Forum
Wednesday 20 May	Congress Center Sofia	Academic Members Forum
Wednesday 20 May	Congress Center Sofia	Corporate Members Meeting
Thursday, 21 May 2015		
Congress Center Sofia, Bulgaria		
Thursday 21 May	Presidents' Meeting 08:30 – 10:30	FIG Presidents' Meeting This event is convened by the FIG President and is reserved for Presidents or Heads of delegation of

		Member Associations (or their representatives) By invitation only
Thursday 21 May	11:00–12:30 13:30-15:00 Hall 3, 7 th floor CCS	General Assembly, Second Session including Closing Ceremony. Closing ceremony will start immediately after the conclusion of the General Assembly and will be followed by the Farewell Reception hosted by the New Zealand Institution of Surveyors, host of FIG Working Week 2016.

FIG 38th GENERAL ASSEMBLY

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FIG 38th GENERAL ASSEMBLY

MINUTES

for the meetings held on Sunday 17 May 2015 in Hall 3 and on Thursday 21 May 2015 in Hall 3 at the National Palace of Culture - Congress Centre Sofia, Sofia, Bulgaria

SUNDAY, 17 MAY

Sunday, 17 May, 09:00-12:30 and 13:30-16:00
Hall 3, National Palace of Culture - Congress Centre Sofia
General Assembly, First Session

1 OPENING PROCEEDINGS

President Chryssy Potsiou opened the 38th General Assembly and welcomed all members to Sofia, Bulgaria to the current council's first General Assembly with a short address. President Potsiou noted that the General Assembly was held in the exact same Hall in the National Palace of Culture in 1983. At this occasion the FIG Fanfare was played for the first time.

The President expressed her gratitude to members and delegates for their participation and acknowledged the efforts of Chamber of Graduate Surveyors, Bulgaria, the local organising committee towards a successful Congress with around 900 participants from approximately 70 countries.

The President expressed condolences in memory of Paul Marshall, President of the South African Council for Professional and Technical Surveyors, who has been an active participant at many FIG Events, and for the natural disasters hereunder especially the recent in Nepal and the countries around that has affected many people. The General Assembly observed a moment of silence. The president announced that there would be some activities on surveyors' rapid response to mapping for disaster management carried out by Commissions and Young Surveyors during the Working Week.

2 ROLL CALL

Vice President Rudolf Staiger took the roll call. The roll call was done for member associations only. Since only member associations that have paid all their membership fees to the end of 2014 were allowed to vote at the meeting, a list of member associations that were not allowed to vote was published and posted on the FIG web site **15 April 2015**, and updated 21 May 2015.

Appendix to items 2 & 22: Roll Call

Appendix to items 2 & 22: List of member associations that are not allowed to vote at the General Assembly because of unpaid membership fees for 2014 and earlier. Posted 15 April 2015, updated 21 June 2015.

Motion: That members present are recorded in the minutes (in appendix to items 2 and 22 – Roll Call).

Decision: The motion was adopted.

3 APPOINTMENT OF TELLERS

The General Assembly appointed two persons as tellers for the entire General Assembly. The tellers represent member association that hosted the preceding (Dr, Zaid, President of PEJUTA, Malaysia) and the host of the proceeding following General Assembly (Jeff Needham, President of NZIS, New Zealand).

Motion: That the General Assembly appoints a representative from PEJUTA and NZIS as tellers for this General Assembly.

Decision: Dr, Zaid, President of PEJUTA, Malaysia and Jeff Needham, President of NZIS, New Zealand were appointed tellers by the General Assembly.

4 ADOPTION OF THE AGENDA

The Agenda for the General Assembly was issued as mandated, on 17 March 2015.

Motion: That the agenda be adopted.

Decision: The motion was adopted.

5 ADOPTION OF THE MINUTES OF THE 37th GENERAL ASSEMBLY

Minutes have been circulated previously.

Appendix to item 5: Minutes of the General Assembly in Kuala Lumpur, Malaysia, June 2014, without appendices.

Motion: That the minutes be adopted as recorded.

Decision: The motion was adopted.

6 MEMBERSHIP

6.1. Member Associations

6.1.1 New Member Associations

Two new applications for member associations have arrived and have been discussed at the Council meeting who decided to bring forward the applications to the General Assembly:

Colombian Society of Surveyors, Sociedad Colombiana de Topografos (S.C.T.) (MA-10124)

The Colombian Society of Surveyors has applied for membership. The association was established in 1963. Their total membership (all categories) is 70. Colombian Society of Surveyors fulfils the criteria of FIG Member association. Application form is attached as appendix to agenda item 6.1

Distinctive Engineering Group, Rwanda (MA-10125)

The Distinctive Engineering Group, Rwanda has applied for membership. The association was established on 27 March 2015. Their total membership is 32, and the number of qualified members is 25. Distinctive Engineering Group, Rwanda fulfils the criteria of FIG member association. Application form is attached as appendix to agenda item 6.1

Motion: That the General Assembly admits the Colombian Society of Surveyors, Sociedad Colombiana de Topografos (S.C.T.) and Distinctive Engineering Group, Rwanda to become member associations of FIG

Decision: The motion was adopted.

6.1.2 College of Engineers and Surveyors of Puerto Rico (MA-10069)

FIG General Assembly expelled College of Engineers and Surveyors of Puerto Rico (MA-10069) at the General Assembly meeting in 2014 due to the fact that the association was in arrears for 3 years. FIG office has however later received the full payment from College of Engineers and Surveyors of Puerto Rico. FIG Council therefore proposes to cancel the expulsion and note them as reinstated as member of FIG.

Motion: That the General Assembly admits to reinstall College of Engineers and Surveyors of Puerto Rico (MA-10069) as member association.

Decision/Action: The motion was adopted

6.1.3 Geodetic Engineers of the Philippines, Inc. (MA-10107)

At the FIG General Assembly 2014 Geodetic Engineers of the Philippines, Inc. (MA-10107) was supposed to be expelled from FIG but FIG Council received a letter from the association that they would pay their arrears before 1 October 2014. FIG Office received the payment and FIG Council informs the General Assembly that they will remain as member.

Motion: That FIG General Assembly notes the update of Geodetic Engineers of the Philippines (MA-10107) that they remain as member of FIG.

Decision/Action: The motion was adopted

6.2 Expulsion of member associations

Subscriptions of following member associations are more than three years in arrears:

- Ordre National des Geometres du Cameroun (MA-10015)
- Tunisian Association of Chartered Surveyors (MA-10086)

The General Assembly has power to expel from the Federation any member association whose fees are in arrears and shall under normal circumstances expel any member association whose fees are three years in arrears. (Article 4.3 of the Statutes). The FIG office has sent a letter to these associations informing that if their membership fees are still in arrears at the time of the General Assembly the General Assembly shall expel the above member associations in Sofia.

After acceptance of new member associations and expulsions the number of FIG member associations is 102 from 89 countries.

Motion: That the General Assembly expels the:

- Ordre National des Geometres du Cameroun (MA-10015)
- Tunisian Association of Chartered Surveyors (MA-10086)

Decision/Action: The motion was adopted

6.3 Suspended status 2015

In accordance with its administrative measures, FIG Council, has deferred to continue for 2015 the issuance of a membership subscription invoice to the Order of Syrian Engineers and Architects, OSEA as all efforts to maintain contact with them has not yielded results, will deem their membership in suspension giving due consideration to its internal situation. As reported in the General Assembly 2014, there remain existing sanctions on Iran. The FIG office in Denmark cannot receive payments from Iranian Professional Society of Surveying Engineers (ISS). Ukrainian Society of Geodesy and Cartography has also gained suspended status and has not been invoiced for 2014. Again in accordance with its administrative measures, FIG Council deem their membership to be in suspension. The situation with these associations will be reconsidered by Council again in 2016.

Motion: That the General Assembly notes the members with suspension status.

Decision: The motion was adopted

6.4 Other membership issues

6.4.1. Affiliate members

The Council has admitted the following national agencies to become affiliate members:

- a) iTaukei Land Trust Board, Fiji – AF-20051

- b) Geospatial Information Authority of Japan/Geodetic Department – AF-20052
- c) Guatemalan Registry of Cadastral Information (Registro de Información Catastral de Guatemala – RIC), AF-20053
- d) Land Administration Authority (LAA) Lesotho – AF-20054
- e) General Direction of Land Registry, Mapping and Cadastre, Benin – AF-20055

The council has expelled the following affiliate members because of unpaid membership subscriptions.

- a) National Land Centre in the Ministry of Natural Resources, Rwanda (AF-20016)
- b) Bureau of Land Management, Department of Interior, USA (AF 20037)
- c) AIMS-Afghanistan Information Management Services, Afghanistan (AF-20038)

After these changes the number of Affiliate members is 42 from 39 countries.

6.4.2. Corporate members

The Council has admitted the following companies as Corporate Members of FIG after the General Assembly in 2014:

- a) Branco Etera Ltd, Kazakhstan – CM-30055 (Category F)
- b) NEH Engineering survey and mapping limited company, Vietnam – CM-30056 (Category E)
- c) Ripro Corporation, Japan – CM-30057 (Category D)
- d) Datalife, Nigeria – CM-30059 (Category F)

Following corporate member has resigned from their membership from 1.1.2015:

- a) MondoGeo (category F –regional level)

Following corporate members have been expelled by FIG Council:

- a) Cameroon Engineering S.A., Cameroon (CM-30027)
- b) SEPRET (Société des Etudes de Projets et Réalisation des Travaux, S.A.R.L.), Morocco (CM-30031)
- c) Global Survey Qatar, Qatar (CM-30047)

After these changes the number of corporate members is now 21.

6.4.3. Academic members

FIG Council has admitted the following Universities to become Academic members:

- a) Technical University of Civil Engineering - Faculty of Geodesy, Bucharest, Romania (AC-40134)
- b) Sabaragamuwa University of Sri Lanka, Faculty of Geomatics (AC-40135)
- c) Kwame Nkrumah University of Science and Technology, Department of Geomatic Engineering, Ghana, (AC-40136)

The following academic member has terminated its membership:

- a) "TECRS" The Environmental Center of Remote Sensing Dept. of Geosystem Technology, Saudi Arabia (AC-40117)

The Council has expelled following universities because of unpaid membership subscriptions:

- a) Neapolis University, Cyprus (AC-40114)
- b) IAV, Institut Agronomique et Vétérinaire Hassan II, Morocco (AC-40118)

The number of Academic Members after these changes is 89 from 55 countries.

6.4.4. Correspondents

Council has ended its cooperation with two of the Correspondent Members since General Assembly 2014 and the number of correspondents is now 1.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision: The motion was adopted

7 APPOINTMENT OF HONORARY MEMBER

a. Appointment of Honorary Member

Geo-Informatie Nederland GIN of the Netherlands has sent a nomination letter in which it proposes that FIG appoints **Christiaan Lemmen** as an Honorary Member of FIG.

FIG Council has considered the nomination and considers that it fulfils the criteria (see criteria at: <http://www.fig.net/pub/figpub/pub40/figpub40.htm#Criteria>) for an Honorary Member and therefore proposes to the General Assembly that it appoints Christiaan Lemmen as an Honorary Members of the Federation for the outstanding services he has provided to the Federation. **Appendix to agenda item 7:** The nomination letter from Geo-Informatie Nederland GIN

b. Appointment of Honorary President

The Association of Authorised Land Surveyors Malaysia, PEJUTA has sent FIG Council a proposal that it makes a nomination to the General Assembly of appointing Mr **CheeHai Teo**, the immediate Past President of FIG as an Honorary President of the Federation. The letter is attached as **appendix to agenda item 7**. FIG Council has decided to bring forward this proposal to the General Assembly, noting that CheeHai Teo fulfils the criteria for an Honorary President and his achievements as the President have contributed the Federation to extend that he without any doubt deserves to be appointed as an FIG Honorary President.

c. FIG Appreciation to Clarissa Augustinus UN-Habitat

Clarissa Augustinus, UN-Habitat, has worked closely with FIG for many years and is now standing down from UN-HABITAT. FIG Council would like to acknowledge the longstanding cooperation with Clarissa Augustinus. As a special consideration FIG Council

has decided to appreciate her as FIG Honorary Ambassador. Her certificate was presented to her during the Plenary session 2 on 19 May where she was one of the plenary speakers.

Motion: That the General Assembly appoints Christiaan Lemmen as Honorary member and appoints CheeHai Teo as FIG Honorary President, and that the General Assembly notes the special appreciation to Clarissa Augustinus as FIG Honorary Ambassador.

Decision/action: The motion was adopted with standing ovation. Christiaan Lemmen received his silver pin and certificate with acclamation and CheeHai Teo received his gold pin together with his certificate and was honoured with a standing ovation from the delegates.

8 PRESIDENT'S REPORT

President Chryssy Potsiou presented the President's report on the activities of the Federation since the General Assembly in Kuala Lumpur, Malaysia in June 2014.

Appendix to item 8: President's report (hand outs):

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/08_presidents_report.pdf

Motion: That the General Assembly accepts the President's report.

Decision: The motion was adopted.

9 COUNCIL RESPONSES FROM GENERAL ASSEMBLY 2014

At the General Assembly 2014 the following items were discussed:

- a. Proposal from Geosuisse, Switzerland (1: nomination body; 2: VP's nominated through regional bodies; 3: Commission Chairs Elects elected by the Commissions)
- b. Proposal from DdL, Denmark, on change of term for the President (to start immediately after election)
- c. Surveyors day/week (Presented by John Hohol at the General Assembly 2014)

FIG Council promised to get back to the General Assembly 2015 with a follow up and status on these issues.

Motion: That FIG General Assembly notes the update and records its thanks to the submitters of the proposals for their active role in FIG.

Decision/Action: President Potsiou reported that:

- a. The proposal no 3 from Geosuisse will be included in the Task Force on Commission Structure. Geosuisse is withdrawing the other two proposals.
- b. Council has considered the proposal at its meetings and has decided not to take further this proposition. The reasons for this decisions are:
 - Quality time to develop and prepare for an incoming president a four-year work plan

- Time to get fully updated with the work of FIG office
 - Ensure financial rigor in order to close the year end accounts
 - Senior leadership good practice is to have a hand over period (contested situation)
- c. Council considers that the idea of a Surveyors Day/Week as very interesting for the profession; but Council believes that the action items should be initiated and realised on a national level by its Member Associations. There will be a large variety (in terms of actions) from country to country. Therefore Council is convinced that FIG cannot be in a leading role here. However, FIG Council sees our organisation as a useful platform of exchange of ideas and information. FIG Council also suggested that the execution of a surveyors day/week will be discussed at the FIG Member Association Forum during the FIG Working Week.

The motion was adopted.

10 REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS AND STANDARDS NETWORK 2014-15

10.1 International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF

Mr. Christiaan Lemmen, Director of OICRF has prepared a written report on the OICRF activities since the General Assembly in Kuala Lumpur. He presented a short report to the General Assembly.

Appendix to item 10.1: Report from the International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF.

Motion: That the General Assembly adopts the report and records its thanks to the members of OICRF for their past year's work and contribution.

Decision: The motion was adopted.

10.2 International Institution for the History of Surveying and Measurement, Permanent Institution of FIG

Mr. Jan de Graeve, Director of the IIHSM has prepared a written report on the IIHSM activities since the General Assembly in Kuala Lumpur. IIHSM was not present at the first General Assembly day, and referred instead to the written report, submitted in the General Assembly agenda.

Appendix to item 10.2: Report from the International Institution for the History of Surveying and Measurement, Permanent Institution of FIG.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work and contribution.

Decision: The motion was adopted.

10.3 Standards Network

Mr David Martin, Chair of the FIG Standards Network was unfortunately not present at the General Assembly.

Motion: That the General Assembly records its thanks to the Chair and the members of the permanent institution for their past year's work and contribution.

Decision: No report was submitted or presented at the General Assembly.

11 REPORT OF THE PRESIDENT OF THE FIG FOUNDATION 2014-2015

Mr. John Hohol, President of the FIG Foundation has prepared a written report on the FIG Foundation activities from June 2014 to March 2015. He presented a short oral summary to the General Assembly.

Appendix to item 11: Report of the FIG Foundation activities 2014-2015 and Result 2014.

Motion: That the General Assembly adopts the report of the President of the FIG Foundation and records its thanks to the President and members of the Board of Directors of the FIG Foundation for their past year's work.

Decision: The motion was adopted.

12 FIG COUNCIL WORK PLAN 2015-2018

The Council has prepared the FIG Council Work Plan for 2015-2018. Together with the Commission Work Plans the Council Work Plan will form the FIG Work Plan for the next four years. The proposal for the Council Work Plan 2015-2018 was attached to the agenda and is based on preparations made in a Council meeting and in a meeting with the Commission Chairs during the Kick-Off Event in January 2015 in Athens, Greece as well as responses from the Kick Off Event. The Council Work Plan has also been coordinated with the Commissions', Networks', Task Forces' and Permanent Institutions' Work Plans.

President Potsiou presented the Work Plan at the meeting.

The Council has also decided on responsibilities of individual Council members. This list is included as an appendix to the Council Work Plan. An up-to-date list will always be available on the FIG web site.

Appendix to item 12: FIG Council Work Plan 2015-2018 – handouts:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/12_council_wp_report.pdf

Motion: That the General Assembly adopts the Council Work Plan for 2015-2018.

Decision: The motion was adopted.

13 COMMISSION WORK PLANS 2015-2018

Commission Chairs have prepared their Commission Work Plan for 2015-2018 based on discussions at their Commission meetings at the FIG Congress in Kuala Lumpur. After Kuala Lumpur the Work Plans have been coordinated with the Council Work Plan and with other Commission Work Plans at the meeting of Commission chairs and the FIG Council in conjunction to the FIG Kick-Off Meeting in January 2015 in Athens, Greece.

All Commission Work Plans have now been finalised and synchronised with the Council Work Plan and were presented for the General Assembly for its approval in Sofia in May 2015.

At the General Assembly there was also time for the members to discuss the Work Plans and Commission activities with the Commission Chairs. This discussion was chaired by Vice President Diane Dumashie, who will be chairing ACCO (2015-2016).

There were several questions and a big interest to the work of the commissions. Among the questions and comments were:

- how to fit in the Fit-for-Purpose approach in the work of the commissions,
- the work on mutual recognition since especially young surveyors need standards of recognition,
- the importance of including educational issues in all especially technical commissions,
- the level of communication from commissions to delegates,
- now that commission has worked on boundaries on land to encourage FIG to also work with maritime boundaries which is an area that can need further investigations
- how neighbouring countries can cooperate and help each other and ask each other for advise

Appendices to agenda item 13:

- 13.1: Commission 1 Work Plan 2015-2018
- 13.2: Commission 2 Work Plan 2015-2018
- 13.3: Commission 3 Work Plan 2015-2018
- 13.4: Commission 4 Work Plan 2015-2018
- 13.5: Commission 5 Work Plan 2015-2018
- 13.6: Commission 6 Work Plan 2015-2018
- 13.7: Commission 7 Work Plan 2015-2018
- 13.8: Commission 8 Work Plan 2015-2018
- 13.9: Commission 9 Work Plan 2015-2018
- 13.10: Commission 10 Work Plan 2015-2018
- 13.11 Young Surveyors Network Work Plan 2015-2018

Handouts – presentation of the commissions:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/13_GA.pdf

Motion: That the General Assembly adopts the Commission Work Plans.

Decision: The motion was adopted.

14 NEW NETWORK: REGIONAL CAPACITY DEVELOPMENT NETWORK

The Council has established a new Network. This network originates from the Africa Task Force 2009-2014 and will in the term 2015-18 concentrate on Africa. This Network is chaired by FIG Vice President Diane Dumashie. The Network will work in close co-operation with all Commissions. The Network will have its first meeting in Sofia where members of the Network will be appointed by the Council and brought to the General Assembly for endorsement.

Appendix to item 14: Terms of Reference for the Network on Regional Capacity Development.

Presentation by Diane Dumashie, Chair of the Regional Capacity Development network – Handouts:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/14_GA.pdf

Motion: That the General Assembly records the Council's decision of establishment of the Regional Capacity Development Network, appointment of Vice President Diane Dumashie to chair the Network and its terms of reference for information.

Decision: The motion was adopted.

15 NEW TASK FORCES – 2015-2018

The Council has established four new Task Forces for 2015-2018.

15.1 Task Force on Real Property Markets

The first Task Force will assess the progress of establishing the real property markets in the countries with economies in transition. The Task Force will be chaired by Pekka Halme, Finnish Association of Geodetic and Land Surveyors MIL. The Task Force will have its first meeting in Sofia where members of the Task Force will be appointed by the Council and brought to the General Assembly for endorsement.

There were questions from the delegates why South America and Africa are not taken into consideration, these countries are poor and have problems with the property markets. Council responded that a study will be carried through in the countries around the Black Sea where the situation is far from ideal, and the experiences and results can be helpful for the rest of the world.

Appendix to item 15.1: Terms of Reference for the Task Force on Real Property Markets.

Handouts:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/15_1_GA.pdf (presentation 17 May 2015)

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_4_GA.pdf (presentation 21 May 2015)

Motion: That the General Assembly endorses the Council's proposal to establish the Task Force on Real Property Markets, appointment of Pekka Halme to chair the Task Force and its terms of reference.

Decision: The motion was adopted

15.2 Task Force on Commission Structure

The second Task Force will assess the Commissions and investigate if there is a need to revise their structure and provide a proposal on possible improvements.

The Task Force is originated from two proposals from FIG Member Associations. One proposal originating from Geosuisse that was discussed at the General Assembly 2014, who proposed:

For Commission Chairs Elect, the right to nominate should be with the Commissions themselves. They have to evaluate the candidates and to make sure that she/he is able to fulfil the responsibility. The Commissions are the only bodies that have sufficient knowledge of their national delegates and who are able to judge their eligibility. Commissions will discuss with the national association the candidate they wish to nominate.

The second proposal that FIG Council has received is from the following member associations:

- Danish Association of Chartered Surveyors (Denmark)
- Finnish Association of Geodetic and Land Surveyors MIL (Finland)
- Norges Jordskifte kandidatforening, faglig gruppe av Tekna (NJKF) (Norway)
- Swedish professionals for the built environment

This proposal suggests evaluating the current Commission Structure in order to secure the efficiency of the FIG Commissions. Based on the above mentioned suggestions and further discussions in Council, Council has decided to establish a Task Force that in general will assess and evaluate the current structure of the commissions. The Task Force will be chaired by Mikael Lilje, Swedish professionals for the built environment, Samhällsbyggarna. The Task Force will have its first meeting in Sofia where members of the Task Force will be appointed by the Council and brought to the General Assembly for endorsement.

General Assembly representatives commented that they would prefer to wait to adopt the Task Force until the second General Assembly meeting in order to have the Terms of Reference discussed during the meeting that was organised during the Working Week.

At the second General Assembly meeting on 21 May Council returned to agenda item 15.2 for the adoption of the motion.

Appendix to item 15.2: Terms of Reference for the Task Force on Commission Structure
Hand outs:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/15_2_GA.pdf (presentation 17 May 2015)

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_5_GA.pdf (presentation 21 May 2015)

Motion: That the General Assembly endorses the Council's proposal to establish the Task Force to assess the commission structure and the appointment of Mikael Lilje to chair the Task Force and its terms of reference.

Decision: The motion was adopted.

15.3 Task Force on Corporate Members

The third Task Force will be established to strengthen the FIG relationship with corporate members. The Task Force will be chaired by John Hohol, National Society of Professional Surveyors (NSPS) in cooperation with Bryn Fosburgh, Vice President of Trimble. The Task Force will have its first meeting in Sofia where members of the Task Force will be appointed by the Council and brought to the General Assembly for endorsement.

Appendix to item 15.3: Terms of Reference for the Task Force on Corporate Members.

Hand outs:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/15_3_GA.pdf (presentation 17 May 2015)

Motion: That the General Assembly endorses the Council's proposal to establish the Task Force on Corporate Members, appointment of John Hohol in cooperation with Bryn Fosburgh to chair the Task Force and its terms of reference.

Decision: The motion was adopted

15.4 Task Force on Scientific Journal

The fourth Task Force will be established to investigate the usefulness and need and if justified, the steps forward in order to introduce an FIG peer reviewed scientific Journal (electronic or printed). The Task Force will be chaired by Yerach Doytsher, Association of Licensed Surveyors in Israel (ALSI). The Task Force will have its first meeting in Sofia where members of the Task Force will be appointed by the Council and brought to the General Assembly for endorsement.

There were several questions and comments from delegates, hereunder:

- There are some excellent papers in FIG that need to be published – will the Task Force also look into other existing journals or only into an FIG Journal?
- In 2009 it was also investigated to start a scientific journal in FIG and the result was that FIG should not go into this field as there was no FIG experience in “peer review” at that time.

It was decided that the final decision on the Task Force should be postponed to the second general assembly meeting so that the Task Force could be discussed at the planned meeting during the Working Week.

At the second General Assembly meeting on 21 May Council returned to agenda item 15.4 for the adoption of the motion.

Appendix to item 15.4: Terms of Reference for the Task Force on Scientific Journal

Hand outs:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/15_4_GA.pdf (presentation 17 May 2015)

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_6_GA.pdf (presentation 21 May 2015)

Motion: That the General Assembly endorses the Council's proposal to establish the Task Force on Scientific Journal, appointment of Yerach Doytsher to chair the Task Force and its terms of reference.

Decision: The motion was adopted.

16 FIG ACCOUNTS FOR 2014, AUDITOR'S REPORT AND BUDGETS 2015-2018

Vice President Rudolf Staiger presented the financial report to the General Assembly. This report includes the auditors report from 2014, official accounts (income statement 2014) and balance sheet 31 December 2014, a summary of 2014 accounts, an updated budget for 2015 and proposals for budgets 2016-2018 with notes and proposal for membership fees for member associations in 2017.

Appendix to item 16: Report on Financial Issues (including 2014 accounts and budgets 2015-2018)

Handouts to agenda item 16 and 17:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/16_17_GA.pdf

Annexes:

- **16A** Auditor's Report, Income Statement for 2014 and Balance Sheet at 31 December 2014.
- **16B** FIG Result 2014
- **16C** FIG Budgets 2015-2018
- **16D** List of member associations whose membership fees are in arrears for 2014 and earlier and that are not allowed to vote - to be published on the FIG web site **15 April 2015**.

Motion: That the General Assembly

- adopts the audited accounts for 2014,
- adopts the Finance Report, and
- adopts budgets for 2015–2018

Decision: The motion was adopted

17 SUBSCRIPTION RATES FOR 2017

The General Assembly has to set levels of fees for member associations two years in advance of the year in which they become payable. Fees are payable in respect of each individual member up to a maximum of 5,500 members. The membership fee structure was changed in 2009. Membership fees have been discussed as part of the finance report, **appendix to item 16**.

The 2014 General Assembly approved membership fees as follows:

Year	Per capita fee	Minimum fee	Maximum fee
2016	€4.48 per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay €2.24 member up to a maximum of 5,500 members.	20 members or €50 (whichever is greater)	5,500 members (€24,640)

The World Bank lists of the low-income economies and the lower-middle-income economies are available at: <http://data.worldbank.org/about/country-classifications/country-and-lending-groups>

The 2016 subscription fees were kept at the same level as for the years 2012-2015. The Council 2011-14 had to suggest subscription fees up to 2016, however they recognised that there would be a change in leadership and the subscription fees is dependent on the strategies of the council 2015-18.

Although the budgets 2017 and 18 predict a deficit, Council is also conscious of the economic condition that members are operating under and in particular member’s challenges with their national membership and budgets. Council wishes to respect this as well and both Council and FIG Office will continue to be prudent in its financial management. Council therefore proposes the level of subscription for member associations for 2017 to remain at the same level as in the previous years. Council has initiated a Task Force on how to attract corporate members and the hope is to increase the fees received by corporate members to limit the deficit or turn it into a positive result. FIG Council will evaluate after a year how this work develops, and if the work on corporate members does not show positive effect, Council suggests reconsidering the membership fee for 2017 at the General Assembly in 2016.

Motion: That the General Assembly adopts following membership fees payable by member associations in 2017:

Year	Per capita fee	Minimum fee	Maximum fee
2017	€4.48 per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay €2.24 member up to a maximum of 5,500 members.	20 members or €50 (whichever is greater)	5,500 members (€24,640)

and that the General Assembly notes that based on councils evaluation of the finances at the end of 2015, the level for 2017 might be increased at the General Assembly 2016.

Decision: The motion was adopted.

18 CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK

18.1 Meetings and conferences

The main activities in the co-operation with the United Nations and the World Bank since the FIG congress in Kuala Lumpur have been:

- President Teo participated in UNESCAP, FAO and UN-Habitat co-organised Regional Multi-stakeholder Consultation on Land Tenure in Asia-Pacific
- President Teo participated in 21st Meeting of the International Steering Committee on Global Mapping, 5 August 2014, United Nations Headquarters in New York
- President Teo participated in Fourth Session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM), 6 – 8 August 2014, United Nations Headquarters in New York
- FIG Young Surveyors and UN-Habitat/GLTN organised a workshop on The Social Tenure Domain Model – Training of Trainers, 7-10 November 2014 in Addis Ababa, Ethiopia primarily for African participants.
- Vice President Pengfei Cheng and Past President Teo attended the Third High Level Forum on Global Geospatial Information Management, 22-24 October 2014, Beijing, PR China
- FIG undertook two expert group meetings in Bangkok in cooperation with UN-Habitat/GLTN on Valuation of Unregistered Land and Properties Expert Group Meeting, Bangkok, Thailand, 13 - 14 October 2014 and Modernising Land Agencies Budgetary Approach: Costing and Financing of Land Administration Services in Developing Countries, Validation Workshop (CoFLAS), 15 - 16 October 2014, Bangkok, Thailand
- UN-GGIM-AP - Third Plenary Meeting 10 – 12 November 2014 Kuta, Bali, Republic of Indonesia, represented by FIG Past President Teo.
- Ninth Meeting of the International Committee on Global Navigation Satellite Systems (ICG-9), Mikael Lilje, Chair of FIG Commission 5 and UNOOSA representative, 9 – 14 November 2014 Kuta, Prague, Czech Republic

- UNECE CHLM, Geneva, February 2015 on Sustainable Land Management Week represented by President Chryssy Potsiou
- World Bank Conference March 2015 represented by President Chryssy Potsiou. There was a special side activity on the FIG Work Plan.
- UNHABITAT Prep II event, Nairobi, April 2015, represented by President Chryssy Potsiou and FIG Commission 7 chair Gerda Schennach

18.2 Global Geodetic Reference Frame for Sustainable Development resolution

At the FIG General Assembly 2014 FIG Council presented a FIG Statement on Global Geodetic Reference Frame for Sustainable Development where FIG expressed the importance of the resolution and urged the member organizations to bring the Statement back home to the respective countries.

The Global Geodetic Reference Frame for Sustainable Development (GGRF) resolution was adopted by the United Nations General Assembly on Thursday 26 February 2015

Motion: That the General Assembly adopts the report on the co-operation between FIG and the United Nations, its agencies and the World Bank and records its thanks to all those who have contributed to this co-operation.

Decision: The motion was adopted.

19 LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS

The Joint Board of Spatial Information Societies JB-GIS was formally established during the FIG Working Week in Cairo in 2005 and meets annually during a major conference. The meeting of JB-GIS in 2014 was held in August 2014 and was attended by nine of the ten participating international organization. FIG has collaborative MoUs with a number of the organizations who are part of JB-GIS.

FIG has further bilateral agreements of co-operation with several other international associations like ISM, IFHP, CIB, ION, ICEC, FIABCI, IFHS, PAIGH and PAQS.

President CheeHai Teo attended the International Union of Notaries Conference on Land Tenure Security in Asia, 12-13 December 2014, Ho-Chi-Minh City, Vietnam.

IPMS, is mainly driven by our member association RICS, and FIG was until the end of last period represented by FIG Commission 9 Chair Frances Plimmer, and FIG Council thanks her for her work. FIG Council will appoint a new representative to IPMS. In December 2014 there was launch of a new International Property Measurement Standard (IPMS) for Office Buildings.

FIG is a member of the International Council for Science (ICSU) and working together with ISO and International Valuation Standards Committee (IVSC) on standards.

Motion: That the General Assembly records the report on the liaison with other international associations.

Decision: The motion was adopted

20 DECISION ON THE VENUE FOR 2019 FIG WORKING WEEK

The FIG Working Weeks are organised by FIG together with a local member association. FIG will together with the local member association have full responsibility of the arrangements and of the financial result. This offers FIG better opportunities in terms of organising events and generating revenue. Therefore the Council has to ensure that all candidates are aware of the role of FIG and split of responsibilities for organising the Working Week. This General Assembly will decide on the host for the 2019 Working Week.

The FIG Council has received five bids to host the FIG Working Week 2019, and FIG Council thanks all bidding member associations for their special engagement and contribution to FIG.

The Council has prepared a desktop summary on the bids and has also carried out an evaluation together with the FIG Office that will be presented at the General Assembly. In the summary report the following considerations, as laid out in the invitation documentation, are described for comparison:

1. Rotation of the conferences (region);
2. Country (hosting of earlier FIG events, experience);
3. Member association (its activeness, commitment to FIG and to FIG 2017, execution ability for local association);
4. Supporting organisations (local support to the Working Week, governmental support, financial support, general support);
5. Host city (characteristics and interest from congress programme point of view, host city attractiveness, host city offerings);
6. Venue (price/affordability, location of venue, internet availability suitability of rooms, size of venue, structure and layout of the venue, catering, value for money, hotels nearby facilities for exhibition);
7. Accessibility (flight connections, several access possibilities, security, visa issues, air fare to destination);
8. Safety and security (political stability, airport safety, city safety, political stability in the country - rating must be 3 or higher);
9. Proposed dates (must meet FIG requirements, Following FIG statutes, practical dates, availability of venue, other conferences at the same time)
10. Technical programme (coverage of all FIG Commissions, potential partners, originality, special ideas);
11. Technical tours (coverage of all FIG Commissions, originality, ideas proposed);
12. Social programme (attractiveness and variety, proposals for dinners, attractiveness of offered dinners, proposals for tours, is the programme following the overall FIG concept);
13. Attendance (expectation of international, regional and local attendance, realistic number of international and national participants);
14. Finances (estimate of surplus and financial risks, realistic fees proposed, fees in an acceptable price range, difference between international and national fees, realistic budget, estimated revenue);

15. Sponsorship (estimate sponsorship and exhibition income, proposed income, how realistic is proposed income, local sponsor offerings, sponsor interest to conference);
16. Why host (reason for hosting);
17. Objectives and outcomes (thought through why conference should be held at destination, difference to other destinations, short term outcome, long term outcome);
18. Suggested theme (thought of possible theme that fits to local/regional situation);
19. Events organised in the past three years (how experienced is the host in organising events)
20. Major events planned in the proposed city in 2017 (many events might affect the price level):
21. Initiatives for sustainable conference environment (is host city, venue and local host paying attention to environmental issues);
22. New initiatives or activities (originality – but within the overall FIG concept)
23. What legacy to leave locally from the Working Week (with host, hosting city, for the surveying community)

The summary report will not give a recommendation or a preference to any candidate but it will provide useful information on each items listed above and summarise the pros and cons of each candidate to assist the member association in making their decision. General Assembly must note that, especially in these past years, the issue of security and financial viability has come to the fore. The purpose of the evaluation process is to maintain the continued viability, high standard and quality of the FIG Working Week.

The Council has considered the bids and has decided to present four of the five submitted bids to the General Assembly for its decision. The following four bids fulfilled the basic requirements:

- a) Dublin, Ireland, Society of Chartered Surveyors, Ireland (RICS)
- b) Nairobi, Kenya, Institution of Surveyors, Kenya
- c) Geneva or Interlaken, Switzerland, geosuisse
- d) Hanoi, Vietnam, The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR)

The General Assembly is recommended to read the summaries and the bids carefully.

Appendix to item 20 and 28:

Summary Reports on the Bids for FIG 2019 Working Week

Bidding documents for FIG 2019 Working Week:

- a) Dublin, Ireland, Society of Chartered Surveyors, Ireland (RICS)
- b) Nairobi, Kenya, Institution of Surveyors, Kenya
- c) Geneva or Interlaken, Switzerland, geosuisse
- d) Hanoi, Vietnam, The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR)

At the session each candidate was given the same time (not more than 10 minutes) to make a presentation of their proposal and framework of the Working Week and their bid. FIG Council furthermore presented its evaluation and the impact on FIG on the various bids.

Decision on the venue of FIG 2019 Working Week will be made at the second session of the General Assembly on 21 May. The voting will be made by blind votes. If there will be no absolute majority in the first voting for any of the proposals, a second vote will be organised between those two candidates that have most votes.

Council presentation:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/20_2019_voting.pdf

Motion: That the General Assembly notes the submission, the summary report, the presentations and FIG's evaluation of the candidates, makes its careful consideration and decision during the second session of the General Assembly on 21 May.

Decision: The motion was adopted.

THURSDAY 21 MAY 2015

Thursday, 21 May, 08:30-10:30
Hall 3.2, National Palace of Culture - Congress Centre Sofia
Presidents' Meeting (by invitation only)

21 FIG PRESIDENT'S MEETING

Separate invitation was sent to Presidents of the Member Associations. Altogether 49 Member Associations were represented. At the meeting the Member Associations were asked to respond to: How do associations work on preparing the surveyor of tomorrow.

Thursday, 21 May, 11:00–12:30 and 13:30-15:00
Hall 3, 7th floor,
National Palace of Culture - Congress Centre Sofia
General Assembly, Second Session and Closing Ceremony

22 ROLL CALL

The agenda item 22 roll call was moved to right before agenda item 28 to be sure that all member associations had arrived. Together with the roll call the voting sheets were distributed by the tellers in accordance with the decision made by the General Assembly in 2014 diversifying the number of voting sheets given to each member association consistent with the recorded number of members.

Vice President Rudolf Staiger took the roll call. The roll call was done for member associations only. Since only member associations that have paid all their membership fees to the end of 2014 were allowed to vote at the meeting, a list of member associations that were not allowed to vote was published and posted on the FIG web site 15 April 2015, and updated 21 May 2015.

In total 56 member associations out of 103 participated in the 2nd session of the General Assembly, and 75 voting sheets were handed out to the members who were allowed to vote.

Appendix to items 2 & 22: Roll Call

Appendix to items 2 & 22: List of member associations that are not allowed to vote at the General Assembly because of unpaid membership fees for 2014 and earlier. Posted 15 April 2015, updated 21 June 2015.

Motion: That members present are recorded in the minutes.

Decision: The motion was adopted.

23 MEMBERSHIP

During the week FIG Council received one further application for membership from an association which was brought to the General Assembly for decision. Furthermore FIG council received 4 applications for academic membership and one application for corporate membership that was brought forward to General Assembly for information.

Member Associations

Licensed Surveyors Association of Ghana (LISAG) MA-10126

The Licensed Surveyors Association of Ghana (LISAG) has applied for membership. Their number of members is 100. Licensed Surveyors Association of Ghana fulfils the criteria of FIG Member association. The application has been approved by the existing member association from Ghana, Ghana Institution of Surveyors. Application form is attached as appendix to agenda item 23.1.

The number of Member Associations is hereafter 103 from 89 countries.

Motion: That the General Assembly admits the Licensed Surveyors Association of Ghana (LISAG) to become member association of FIG.

Decision: The motion was adopted.

Other membership matters

The Council has admitted the following academic member:

- Kaduna Polytechnic – Department of Topographic Science, Nigeria (AC-40137)
- University of Benin, Nigeria – Faculty of Environmental Sciences & Technology, Nigeria (AC-40138)
- Federal University of Technology, Surveying & Geoinformatics Nigeria (AC-40139)
- University of Nigeria Nsukka Enugua Campus, Surveying and Geoinformatics UNES (AC-40140)

The number of academic members is hereafter 93 from 55

The Council has admitted the following corporate member

- Innovation for Trading and Contracting (Category F) (CM-30058)

The number of corporate members is hereafter 22.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision: The motion was adopted

24 REPORTS FROM ASSOCIATION, AFFILIATE, ACADEMIC AND CORPORATE MEMBERS FORUM (IF ANY)

During the Working Week there were several Forums and meetings. President Angel Yanakiev, Bulgaria, reported back from the Member Association Forum, and the minutes from the forum is attached as appendix to item 24.

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/24_1_ma.pdf

FIG Vice President Pengfei Cheng reported back from the Director General's/Affiliate Members Forum. He reported that 15 countries were represented. Bengt Kjellson, Lantmäteriet, Sweden chaired the Forum, and started the Fourm with a short presentation.

Academic Members Forum was chaired by Chair of Commission 2 Liza Groenendijk, who reported back that there was not such a big attendance; however the two sessions had been very interesting. First the participants had been visualising the surveyor of tomorrow. Some of the characteristics are that they will be dealing with multiple issues, have high responsibility and is still skilled in the technical issues – altogether many things to cover for one person. Their vision was furthermore that hopefully in 2030 there will be more women in surveying. At the 2nd session FIG as knowledge platform was discussed.

Finally Brent Jones, ESRI gave a short report from the Corporate Members Meeting.

Corporate members report:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/24_GA.pdf

Motion: That the General Assembly records the reports

Decision: The motion was adopted.

25 REPORTS FROM COMMISSIONS, NETWORKS AND TASK FORCES (IF ANY)

FIG Vice President Diane Dumashie gave a summary report on the work and achievements of the FIG Commissions and the annual commission meetings during the week.

www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_1_GA.pdf

The Networks reported back to the General Assembly:

Young Surveyors Network:

www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_2_GA.pdf

Regional Capacity Development Network:

www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_3_GA.pdf

The Task Forces reported back to the General Assembly. Since two of the Task Forces were not yet endorsed by the General Assembly Council referred back to agenda items 15.2 and 15.4 for the final endorsement of the Task Forces.

Task Force reports:

Real Property Markets:

www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_4_GA.pdf

Commission Structure:

www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_5_GA.pdf

Scientific Journal:

www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/25_6_GA.pdf

Commission 9

The chair of Commission 9, Dr. Liao Junping has unfortunately decided to step down from his position. Council has therefore discussed the situation and has decided to appoint a new commission chair for the remaining period.

Motion: That the General Assembly records the reports and that the General Assembly records the decision by Council to appoint Mr Steven Nystrom, NSPS as chair of commission 9 for the remaining period.

Decision: The motion was adopted

26 REPORTS FROM PERMANENT INSTITUTIONS (IF ANY)

John Brock, The permanent institution on History (IIHS&M), reported back that they had a nice participation at the history sessions. They were especially glad to see that there are also Young Surveyors who are interested in history. Hereto John Brock commented the book that was included in the conference bags “Studies on History of Geodesy and Cartography in Bulgaria by Assoc. Prof. Dr. Eng. Veneta Kotseva. This is a very interesting book and a wonderful gift by the local organisers.

Motion: That the General Assembly records the report.

Decision: The motion was adopted.

27 REPORT FROM FIG FOUNDATION (IF ANY)

A meeting for FIG Foundation was organised in Sofia and various activities took place during the Working Week.

Motion: That the General Assembly records the report.

Decision: The motion was adopted.

28 DECISION ON THE VENUE FOR 2019 FIG WORKING WEEK

The agenda item 28 was moved to before agenda item 25 due to time constrains and in order to be able to finalise the voting before lunch. Agenda Items 25, 26 and 27 were included in between the voting.

Candidates for FIG 2019 Working Week had made their presentations in the first session of the General Assembly and FIG Council presented its evaluation. The decision was made between:

- Dublin, Ireland, Society of Chartered Surveyors, Ireland (RICS)
- Nairobi, Kenya, Institution of Surveyors, Kenya
- Geneva or Interlaken, Switzerland, geosuisse
- Hanoi, Vietnam, The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR)

The decision took place by blind votes following the FIG statutes and internal rules. If there was no absolute majority in the first round of voting, a second vote would be organised between those two candidates that have most votes.

Motion: This General Assembly decides the host and venue for FIG 2019 Working Week.

Decision: A total of 75 votes were cast and the result of the ballot was as follows:

- Candidate A: Dublin, Ireland, Society of Chartered Surveyors, Ireland (RICS) – 8 votes
- Candidate B: Nairobi, Kenya, Institution of Surveyors, Kenya – 4 votes
- Candidate C: Geneva or Interlaken, Switzerland, geosuisse – 37 votes

- Candidate D: Hanoi, Vietnam, The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) – 26 votes

Since no candidate had full majority a new voting was carried through. A total of 75 votes were cast and the result of the ballot was as follows:

- Candidate 1: Geneva or Interlaken, Switzerland, geosuisse – 35 votes
- Candidate 2: Hanoi, Vietnam, The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) – 40 votes

The General Assembly decided that the FIG Working Week 2019 will be co-organised with The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) in Hanoi, Vietnam.

29 REPORT ON THE FIG CONGRESS 2018 IN ISTANBUL, TURKEY

Co-congress director Orhan Ercan from the Chamber of Surveying Cadastre Engineers of Turkey will give a presentation on the preparations of FIG Congress 2018.

Report:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/29_GA.pdf

Motion: That the General Assembly records the report

Decision: The motion was adopted.

30 REPORT ON THE FIG WORKING WEEK 2017 IN HELSINKI, FINLAND

Representatives from the Local Organising Committee from the Finnish Associations MIL and MAKLI will give a presentation on preparations of FIG Working Week 2017.

Report:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/30_GA.pdf

Motion: That the General Assembly records the report.

Decision: The motion was adopted.

31 REPORT ON THE FIG WORKING WEEK 2016 IN CHRISTCHURCH, NEW ZEALAND

Representatives from the Local Organising Committee from New Zealand Institute of Surveyors will give a presentation on preparations of FIG Working Week 2016.

Report:

www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/31_GA.pdf

Motion: That the General Assembly records the report.

Decision: The motion was adopted

32 PRESENTATION OF CERTIFICATES OF APPRECIATION

The President acknowledged all involved in the preparation, organizing and delivery of the FIG Working Week 2015. Certificates of appreciation were handed out including to Col. Eng. Rumen Dimitrov, LTC PhD Mariyan Markov and Major eng. Svetoslav Tsarovski from Military Geographic Serves, Eng. Svetoslav Nakov, Director of the Agency of Geodesy Cartography and Cadastre Company for International Congresses, Ltd, Cadastre Agency at the Minister of Regional Development and the local organising committee Eng. Georgi Zlatanov, Dr. Alexander Yanakiev, Dipl. eng. Kremena Boyanova, President Chamber of Graduated Surveyors Dipl. eng. Angel Yanakiev, and Co-conference director Zlatan Zlatanov.

CLOSING CEREMONY

The President presented her closing address that summarized the main outcomes of FIG Working Week 2015

Handouts of the President's Closing Address:

http://www.fig.net/organisation/general_assembly/agendas_and_minutes/2015/minutes/closing_potsiou.pdf

At the closing ceremony the FIG banner was handed over by Mr. Yanakiev Angel Krumov, President of the Chamber of Graduated Surveyors in Bulgaria to and the President of NZIS, Jeff Needham.

The FIG Working Week 2016 will be held in Christchurch, New Zealand on 2-6 May 2016.

President Chryssy Potsiou closed the 38th FIG General Assembly at the FIG Working Week

**38th General Assembly
Sofia 17 and 21 May 2015**

Roll Call

	<u>MEMBER ASSOCIATIONS</u>	v o t e	17 May	21May
1.	Algeria, People's Democratic Republic of Order of Land Surveyors Expert. (O.G.E.F), MA-10001	1		
2.	Australia Surveying and Spatial Sciences Institute SSSI, MA-10004	2	x	x
3.	Austria Austrian Society for Surveying and Geoinformation OVG, MA-10005	1	x	x
4.	Bahamas Bahamas Association of Land Surveyors, BALS, MA-10006	1		
5.	Belarus Land Reform Association, MA-10007	1		
6.	Belgium Union Belge des Géomètres-Experts Immobiliers, MA-10008	1	x	x
7.	Benin Ordre des Géomètres Experts du Benin, MA-10113	1		x
8.	Bosnia-Herzegovina Geodetic Association of Herceg-Bosnia, MA-10112	1		
9.	Botswana surveying and mapping organization MA-10010	1	x	x
10.	Brazil Sociedade Brasileira de Cartografia, Geodésia, Fotogrametria e Sensoriamento Remoto, MA-10011			
11.	Brunei Darussalam Brunei Institution of Geomatics, BIC, MA-10012			
12.	Bulgaria Union of Surveyors and Land Managers in Bulgaria, MA-10013 – <i>was by an FIG office mistake reported as being in arrears. This matter was unfortunately solved after the election – therefore the Union did not vote.</i>	1	x	x
13.	Bulgaria Chamber of Graduate Surveyors, MA-10108	1	x	x
14.	Burkina Faso Association des Géomètres et Topographes du Burkina AGT-B, MA-10014			
15.	*) Cameroon Ordre National des Geometres du Cameroun OGEC (National Order of Cameroon Surveyors NOCS), MA-10015			
16.	Canada Canadian Institute of Geomatics CIG, MA-10016	1	x	x
17.	China P.R. Chinese Society of Survey, Mapping & Geoinformation, MA-10017	2	x	x
18.	China P. R. China Institute of Real Estate Appraisers and Agents CIREA, MA-10102	2	x	x
19.	China P. R. China Land Science Society CLSS, MA-10120	2	x	x
20.	***) Colombia Colombian Society of Surveyors, MA-10124	1		x
21.	Congo, Democratic Republic of Federation of Geometers and		x	x

	Surveyors – Congo, MA-10101	1		
22.	Costa Rica Colegio de Ingenieros Topógrafos de Costa Rica CFIA, MA-10019			
23.	Croatia Croatian Geodetic Society HGD, MA-10020			
24.	Cyprus Association of Rural Surveying Engineers of Cyprus, MA-10022			
25.	Cyprus Cyprus Association of Property Valuers, MA-10111		x	
26.	Czech Republic Czech Association of Certified Property Appraisers CSCOM, MA-10023	1	x	x
27.	Czech Republic Czech Union of Surveyors and Cartographers CSVTS, MA-10024	1	x	x
28.	Denmark Den danske Landinspektørforening DdL, MA-10025	2	x	x
29.	Egypt Egyptian Committee of Surveying and Mapping ECSM, MA-10026			
30.	Estonia Eesti Geodeetide Ühing EGÜ (Association of Estonian Surveyors), MA-10027	1		
31.	Ethiopia Ethiopian Surveying Professionals Association (ESPA), MA-10115			
32.	Fiji Fiji Institute of Surveyors, MA-10028			
33.	Finland Suomen Maanmittausinsinöörien Liitto MIL (The Finnish Association of Surveyors), MA-10029	1	x	x
34.	Finland Maanmittausalan ammattikorkeakoulu- ja opistoteknisten Liitto MAKLI ry, MA-10030	1	x	x
35.	France Ordre des Géomètres-Experts OGE, MA-10031	2	x	x
36.	France Association Française de Topographie AFT, MA-10032	1	x	x
37.	Gabon Association des Professionnels de l'Ingenierie Topographique du Gabon, APIT-Gabon, MA-10122			
38.	Georgia Society of Professionals of Land Information Technologies SPLIT, MA-10099	1		
39.	Germany DVW – Deutscher Verein für Vermessungswesen – Gesellschaft für Geodäsie, Geoinformation und Landmanagement, MA-10033	3	x	x
40.	Ghana Ghana Institution of Surveyors GhIS, MA-10034	1		x
41.	***) Ghana , Licensed Surveyors Association of Ghana (LISAG), MA10126			x
42.	Greece Technical Chamber of Greece TEE, MA-10035	2	x	x
43.	Hong Kong SAR, China The Hong Kong Institution of Engineering Surveyors HKIES, MA-10100			
44.	Hungary Hungarian Society of Surveying, Mapping and Remote Sensing MFTTT, MA-10038	1		x
45.	Indonesia Ikatan Surveyor Indonesia ISI, MA-10039	1	x	x
46.	***) Iran, Islamic Republic of Iranian Professional Society of Surveying Engineers (ISS), MA-10040			
47.	Ireland The Irish Institution of Surveyors IIS, MA-10042	1	x	
48.	Israel Association of Licensed Surveyors in Israel ALSI, MA-10043	1	x	x
49.	Italy Consiglio Nazionale Geometri e Geometri Laureati		x	x

	CNGeGL,MA-10044	3		
50.	Jamaica The Land Surveyors Association of Jamaica LSAJ, MA-10045	1		
51.	Japan Nippon Sokuryosha Renmei (Japan Federation of Surveyors JFS), MA-10046	1	x	x
52.	Kenya Institution of Surveyors of Kenya ISK, MA-10047	1	x	x
53.	Korea, Republic of Korea Confederation of Surveyors, MA-10048	1	x	
54.	Kosovo Kosova Association of Surveyors, MA-10049	1	x	
55.	Latvia Latvian Associations of Surveyors LMB, MA-10050	1		
56.	Lebanon Ordre des Géomètres-Topographes du Liban, MA-10051	1	x	x
57.	Liberia Cadastral Surveyors Association of Liberia CASUAL, MA-10119			
58.	Lithuania Lithuanian Association of Surveyors LMA , MA-10053	1		
59.	Luxembourg Ordre Luxembourg des Géomètres OLG, MA-10054	1		
60.	Malaysia Association of Authorised Land Surveyors Malaysia AALSM, MA-10055	1	x	x
61.	Mali Ordre des Geometres Experts du Mali OGE, MA-10117	1		
62.	Malta The Malta Institution of Surveyors, MA-10056	1		x
63.	Mongolia Mongolian Association of Geodesy and Cartography MAGaC, MA-10098	1		
64.	Morocco Ordre National des Ingénieurs Géomètres-Topographes ONIGT, MA-10059	1	x	x
65.	Nepal Nepal Institution of Chartered Surveyors, MA-10110	1		
66.	Netherlands, The Geo-Information Netherlands, MA-10060	2	x	x
67.	New Zealand New Zealand Institute of Surveyors NZIS, MA-10061	1	x	x
68.	Nigeria Nigerian Institution of Surveyors NIS, MA-10062	2	x	x
69.	Nigeria The Nigerian Institute of Quantity Surveyors NIQS, MA-10063	1	x	x
70.	Nigeria Nigerian Institution of Estate Surveyors and Valuers NIESV, MA-10118			
71.	Norway Norges Jordskifte kandidatforening NJKF, faglig gruppe af Tekna and GeoForum, MA-10064	2	x	x
72.	Palestinian Authority Licensed Surveyors Association in Palestine, MA-10065			
73.	Papua New Guinea Association of Surveyors of Papua New Guinea ASPGN, MA-10066	1		
74.	Philippines, Geodetic Engineers of the Philippines, Inc., MA-10107			
75.	Poland Stowarzyszenie Geodetow Polskich SGP Association of Polish Surveyors, MA-10067	1	x	x
76.	Portugal Order of Engineers - College of Geographical Engineering, MA-10068	1	x	x

77.	Puerto Rico, USA Colegio de Ingenieros y Agrimensores de Puerto Rico CIAPR College of Engineers and Land Surveyors of Puerto Rico, MA-10069	1		
78.	Romania Union of Romanian Geodesy, MA-10070	1		x
79.	Romania Romanian Association of Private Surveyors APCGCR, MA-10105	1		x
80.	Russian Federation Federal Service of State Registration, Cadastre and Cartography (Rosreestr), MA-10071	2		x
81.	Russian Federation None commercial partnership “Self-regulated organization of activity of cadastral engineers”, MA-10121	1	x	x
82.	**) Rwanda Distinctive Engineering Group, Rwanda MA-10125			
83.	Senegal Ordre National des Géomètres Experts du Senegal (ONGES), MA-10116	1	x	x
84.	Serbia, Republic of Union of Surveying Engineers of Serbia, MA-10072			
85.	Slovak Republic Slovak Union of Surveyors and Cartographers, MA-10074	1	x	x
86.	Slovak Republic Chamber of Surveyors and Cartographers KGK, MA-10075	1	x	x
87.	Slovenia Association of Surveyors of Slovenia ZGS, MA-10076			
88.	South Africa, Republic of South African Council for Professional and Technical Surveyors PLATO, MA-10077	1	x	x
89.	Spain Colegio Oficial de Ingenieros Técnicos en Topografía, MA-10078			
90.	Sri Lanka Surveyors’ Institute of Sri Lanka, MA-10079	1		
91.	St. Lucia The Institute of Surveyors, St. Lucia, Inc. ISSL (MA-10123)	1		
92.	Sweden Swedish professionals for the built environment, MA-10080	2	x	x
93.	Switzerland geosuisse - Swiss Society of Geomatics and Landmanagement, MA-10081	1	x	x
94.	***) Syria Order of Syrian Engineers and Architects OSEA, MA-10082			
95.	Togo Ordre des Géomètres du Togo OGT, MA-10084			
96.	Trinidad and Tobago Institute of Surveyors of Trinidad and Tobago, MA-10085			
97.	*) Tunisia Association Nationale des Ingenieurs Géomètres-Experts Tunisiens ANIGET, MA-10086			
98.	Turkey TMMOB Chamber of Surveying Engineers of Turkey, MA-10087	2	x	x
99.	***) Ukraine Ukrainian Society of Geodesy and Cartography, MA-10088			

100.	United Kingdom Chartered Institution of Civil Engineering Surveyors ICES, MA-10090	1	x	x
101.	United Kingdom The Royal Institution of Chartered Surveyors RICS, MA-10091	3	x	x
102.	United States of America National Society of Professional Surveyors (NSPS), MA-10092	2	x	x
103.	Uruguay Asociacion de Agrimensores del Uruguay, MA-10094			
104.	Vietnam Association of Geodesy, Cartography and Remote Sensing VGCR, MA-10095	1	x	x
105.	Zimbabwe Survey Institute of Zimbabwe SIZ, MA-10097	1		
	<p>*) to be expelled 16 June 2014</p> <p>**) membership to be approved 16 June 2014</p> <p>***) suspended membership</p> <p>Not able to vote</p> <p>2 votes</p> <p>3 votes</p>		51/102	56/103 incl new members

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1.	Albania Central Office of Immovable Property Registration – IPRO AF- 20049			
2.	Argentina (Consejo Federal De Catastro De La Republica Argentina (C.F.C)), AF-20047			
3.	Azerbaijan , State Committee for Land and Cartography, State Aerogeodesy Corporation, AF-20048			
4.	Australia and New Zealand (ANZLIC), AF-20001			
5.	Belgium (General Administration of the Patrimonial Documentation), AF-20002			
6.	** Benin , General Direction of Land Registry, Mapping and Cadastre, AF-20055			
7.	Brunei Darussalam (Survey Department) AF-20003			
8.	Cambodia, Kingdom of (Ministry of Land Management, Urban Planning and Construction), AF-20004			
9.	Chile (Servicio Hidrográfico y Oceanográfico de la Armada de Chile), AF-20005			
10.	China P. R. (China Land Surveying and Planning Institute), AF-20043			
11.	Colombia (Instituto Geográfico Agustín Codazzi, IGAC), AF-20006			
12.	Colombia (Alcaldía Mayor de Bogotá DC), AF-20046			
13.	Croatia (State Geodetic Administration of Republic of Croatia, DGU), AF-20042			
14.	Cyprus (Lands and Surveys Department), AF-20045			
15.	Denmark (Danish Geodata Agency), AF-20026			
16.	Fiji (iTaukei Land Trust Board, Fiji) – AF-20051			
17.	Fiji (Ministry of Lands and Mineral Resources), AF-20039			
18.	Finland (National Land Survey of Finland), AF-20030			
19.	Guatemala (Guatemalan Registry of Cadastral Information (Registro de Información Catastral de Guatemala – RIC), AF-20053			
20.	Hungary (Institute of Geodesy, Cartography and Remote Sensing, FÖMI), AF-20009			
21.	Iceland (The Land Registry of Iceland), AF-20010			
22.	*** Iran, Islamic Republic of (National Cartographic Center) AF-20036			
23.	Iraq, Republic of (General Directorate for Surveying, Ministry of Water Resources), AF-20031			
24.	Israel (Survey of Israel), AF-20040			
25.	Italy (Italian Society of Photogrammetry and Topography, SIFET), AF-20035			
26.	Japan (Geospatial Information Authority of Japan/Geodetic Department) – AF-20052			
27.	Jordan (Department of Lands & Survey), AF-20011			
28.	Lesotho (Land Administration Authority (LAA)) – AF-20054			

29.	Macedonia, FYROM (State Authority for Geodetic Works), AF-20019			
30.	Moldova, Republic of (Agency for Land Administration and Cadastre of Republic of Moldova), AF-20041			
31.	Mongolia (Administration of Land Affairs, Geodesy & Cartography), AF-20018			
32.	Nepal (Survey Department, Government of Nepal), AF-20021			
33.	Netherlands, The (Cadastre, Land Registry and Mapping Agency), AF-20025			
34.	Norway (Norwegian Mapping and Cadastre Authority), AF-20023			
35.	Romania (National Agency for Cadastre and Land Administration), AF-20020			
36.	Russian Federation (Siberian State Academy of Geodesy), AF-20029			
37.	Saudi Arabia, Kingdom of (Ministry of Municipal and Rural Affairs), AF-20017			
38.	Saudi Arabia General Commission for Survey (GCS), General Director for General Directorate of Geodesy and Land Survey (GLS) AF-20050			
39.	Sri Lanka (Survey Department, Sri Lanka), AF-20044			
40.	Sweden (Lantmäteriet), AF-20027			
41.	Switzerland (Swiss Federal Office of Topography, swisstopo), AF-20033			
42.	USA (NOAA, National Geodetic Survey), AF-20024			
			/41	/42 incl new
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			/1	/
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2.	Australia RMIT University, AC-40003			
3.	Australia University of New South Wales, AC-40004			
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14.	Canada Université Laval, AC-40092			
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16.	China P. R. The University of Nottingham Ningbo China, AC-10126			
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18.	Colombia Universidad Distrital, Facultad del Medio Ambiente y Recursos Naturales, AC-40017			
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20.	Croatia University of Zagreb, AC-40020			
21.	Czech Republic Brno University of Technology, AC-40107			
22.	Denmark Aalborg University, AC-40021			
23.	Ethiopia Institute of Land Administration, Bahir Dar University, AC-40103			
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26.	Finland Helsinki Metropolia University of Applied Sciences, AC-20023			
27.	Finland Rovaniemi University of Applied Sciences, AC-40129			
28.	France Ecole Supérieure des Géomètres et Topographes, AC-40024			
29.	Gabon Ecole Nationale du Cadastre et des Sciences Géographiques, ENCSG AC-40132			
30.	Germany Technische Universität München, AC-40026			
31.	Germany Anhalt University of Applied Sciences, AC-40025			
32.	Germany Technische Universität Berlin, AC-40027			
33.	Germany University of Stuttgart, AC-10127			
34.	**) Ghana, Kwame Nkrumah University			
35.	Ghana University of Mines and Technology (UMaT), AC-40030			
36.	Greece School of Rural and Surveying Engineering, AC-40031			
37.	Hong Kong SAR, China The Hong Kong Polytechnic University, AC-40033			
38.	Hungary University of West Hungary, AC-40034			
39.	Ireland , Dublin Institute of Technology, Ireland (AC-40036)			
40.	Israel Technion – Israel Institute of Technology, AC-40104			
41.	Jamaica University of Technology Jamaica, AC-40037			
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43.	Kazakhstan Kazakh National Technical University after K. I. Satpaev, AC-40125			
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55.	Nigeria Abia State Polytechnic, AC-40121			
56.	**) Nigeria Kaduna Polytechnic – Department of Topographic Science, AC-40137			
57.	**) Nigeria , University of Benin, Nigeria – Faculty of Environmental Sciences & Technology, AC-401			
58.	**) Nigeria , Federal University of Technology, Surveying & Geoinformatics, AC-401			
59.	**) Nigeria , University of Nigeria Nsukka Enugua Campus, Surveying and Geoinformatics UNES, AC-401			
60.	Norway Norwegian University of Life Sciences, Department of Mathematical Sciences and Technology, AC-40052			
61.	Norway Bergen University College, AC-40113			
62.	***) Palestine Authority Palestine Polytechnic University, AC40099			
63.	Poland Agricultural University of Krakow, AC-40054			
64.	Puerto Rico, USA Universidad de Puerto Rico, AC-40055			
65.	Puerto Rico, USA Polytechnic University of Puerto Rico, AC-40056			
66.	Romania 1 Decembrie 1918 University of Alba Iulia, AC-40058			
67.	Romania Technical University of Civil Engineering - Faculty of Geodesy, Bucharest, Romania (AC-40134)			
68.	Russian Federation Moscow State University of Geodesy and Cartography, Economic and Land Management, AC-40060			
69.	Russian Federation State University of Land Use Planning, AC-40094			
70.	Rwanda, Republic of INES-Ruhengeri, AC-40131			
71.	Senegal , University of Thies, UFR Science of engineering AC-40133			
72.	Serbia, Republic of University of Novi Sad, Faculty of Technical Sciences, AC-40097			
73.	Slovenia University of Ljubljana, AC-40062			
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92.	USA University of Houston, AC-40108			
93.	Multinational UNIGIS International Association, AC-40120			
			/89	93 incl new/
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1.	Bentley Systems, CM-30035			
2.	Environmental Systems Research Institute, Inc. (ESRI), CM-30001			
3.	Leica Geosystems AG, CM-30002			
4.	Trimble Navigation Ltd., CM-30005			
	Category C - Silver level			
5.	COWI A/S, CM-30011			
6.	Geoweb S.p.A., CM-30043			
7.	Meridian+, CM-30049			
8.	The State Enterprise “State Land Cadastre Centre”, Ukraine CM-30054			
9.	Thomson-Reuters, CM-30024			
	Category D - Bronze level			
10.	GIM International – Geomares Publishing, CM-30012			
11.	KQ Geo Technologies, CM-30050			
12.	Ripro Corporation, Japan – CM-30057			
	Category E - Basic level			
13.	Derinsu Underwater Engineering Ltd., CM-30038			
14.	NEH Engineering survey and mapping limited company, Vietnam – CM-30056			
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16.	Concord Surveying Works Co., CM-30048			
17.	Coordinates Magazines, CM-30042			
18.	Geo:connexion, CM-30018			
19.	ISQ Portugal, CM-30051			
20.	JKO Surveyors & Consultants (Pvt) Ltd, Sri Lanka CM-30053			

21.	ORBITS Engineering Firm, CM-30036			
22.	***) Innovation for Trading and Contracting, CM-30058			
			/21	22/
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	International Institution for the History of Surveying and Measurement, Permanent Institution of FIG			
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International Federation of Surveyors

Arrears list

Per 21.05.15 (EUR)

Nr.	Name	New	0-360 days	361-720 days	> 720 days	Saldo
	Sociedade Brasileira de Cartografia, Geodésia,					
10011	Fotogrametria e Sensoriamento Remoto	0,00	519,68	519,68	0,00	1.039,36
10012	Brunei Institution of Geomatics (BIG)	0,00	134,40	134,40	0,00	268,80
	Association des Géomètres et Topographes du					
10014	Burkina (AGT-B)	0,00	50,00	50,00	50,00	150,00
10015	National Order of Cameroon Surveyors (NOCS)	0,00	0,00	73,92	147,84	221,76
10019	Colegio de Ingenieros Topógrafos de Costa Rica	0,00	0,00	2.132,48	2.132,48	4.264,96
10020	Croatian Geodetic Society	0,00	3.091,20	3.091,20	2.472,96	8.655,36
10022	Cyprus Association of Rural and Surveying Engineers	0,00	324,80	324,80	324,80	974,40
10026	Egyptian Committee of Surveying and Mapping	0,00	448,00	448,00	448,00	1.344,00
10028	Fiji Institute of Surveyors	0,00	112,00	112,00	56,00	280,00
10065	Licensed Surveyors Association in Palestine	0,00	50,00	50,00	50,00	150,00
10072	Serbian Union of Surveyors	0,00	448,00	448,00	0,00	896,00
10076	Association of Surveyors of Slovenia	0,00	3.225,60	3.225,60	0,00	6.451,20
	Colegio Oficial de Ingenieros Técnicos en					
10078	Topografía	0,00	0,00	6.720,00	6.692,68	13.412,68
10084	Ordre des Géomètres du Togo	0,00	50,00	50,00	0,00	100,00
10085	Institute of Surveyors of Trinidad and Tobago	0,00	887,04	746,46	0,00	1.633,50
	Association Nationale des Ingenieurs Géomètres-					
10086	Experts Tunisiens ANIGET	0,00	0,00	443,52	887,04	1.330,56
10094	Surveyors Association of Uruguay	0,00	224,00	224,00	0,00	448,00
	The Hong Kong Institution of Engineering					
10100	Surveyors	0,00	1.774,08	1.774,00	0,00	3.548,08
	Cyprus Association of Valuers & Property					
10111	Consultants	0,00	464,80	464,80	0,00	929,60
	Ethiopian Surveying Professionals Association					
10115	(ESPA)	0,00	268,80	268,80	0,00	537,60
	Nigerian Institution of Estate Surveyors and					
10118	Valuers	0,00	1.008,00	1.008,00	0,00	2.016,00
10119	Cadastral Surveyors Association of Liberia, Inc.	0,00	156,80	156,80	156,80	470,40
	Association des Professionels de l'Ingenierie					
10122	Topographique du Gabon, APIT-Gabon	0,00	179,20	179,20	0,00	358,40
Total			13.416,40	22.645,66	13.418,60	49.480,66



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Activity following the FIG KL Conference, 16-21 June 2014



- International Union of Notaries Conference on Land Tenure Security in Asia, 12-13 **December** 2014, Ho-Chi-Minh City, Vietnam. Presentation: *Towards a regional land tenure initiative for Asia and the Pacific.*
- 2014 Annual Meeting of the Joint Board of Geospatial Information Societies (JBGIS),
- 21st Meeting of the International Steering Committee on Global Mapping,
- Fourth Session of the United Nations Committee of Experts on Global Geospatial Information Management, **August** 2014, United Nations NY

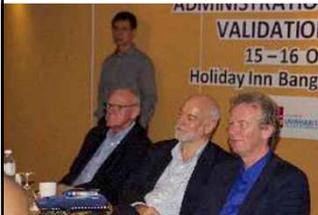
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Activity following the FIG KL Conference, 16-21 June 2014



- Valuation of Unregistered Land and Properties Expert Group Meeting, 13 - 14 **October** 2014
- Modernizing Land Agencies Budgetary Approach: Costing and Financing of Land Administration Services in Developing Countries, *Validation Workshop* - 15 – 16 October 2014, Bangkok, Thailand
- **General overall report**



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Activity within 2015



Formalizing the Informal Challenges and Opportunities of Informal Settlements in South-East Europe



- FIG kick-off event on "Ensuring the Rapid Response to Change, Ensuring the Surveyor of Tomorrow", 24 **January** 2015, Athens Greece (60 International participants and more than 100 Greek surveyors attended the event) to address the motto and adopt the FIG Work Plan 2015-18
- Sustainable Land Management Week, UNECE, Geneva, 24-27 **February** 2015
- [Vital Public Spaces Workshop](#)
- [The challenges of Informal Settlements workshop](#)
- Joint FIG/UNECE Study on "Formalizing the Informal. Challenges and Opportunities of Informal Settlements in South-East Europe"





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Activity within 2015



- 2015 World Bank Conference on Land and Poverty 23-27 **March**, Washington DC
- FIG Side event, 27 March 2015 (9 presentations & discussion). invited keynote speakers: *FAO, GLTN, Stig Enemark, Steven Nystrom, Chryssy Potsiou, Chrit Lemmen, Daniel Roberge, Mike Barry, Stella Dawson*: The Role of the media to support fair and transparent land and property markets



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Activity within 2015



- 15th Surveying Scientific & Technical Congress, **March**, Ankara, Turkey
- Second Session of the Preparatory Committee for the UN Conference on Housing & Sustainable Urban Development, (HABITAT III) (PREPCOM2) in Nairobi 14-16 of **April** 2015, Nairobi
- GLTN agreement
- Visit to Mashimoni, 16 April 2015: implementation of SDTM
- The World Cadastral Summit, 20-24 of **April**, 2015, Istanbul



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The Council's Overall Theme

***"Ensuring the Rapid Response to Change
Ensuring the Surveyor of Tomorrow"***



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The Vision

The FIG vision is of a modern and sustainable surveying profession in support of society, the environment and the economy by providing innovative, reliable and good practice solutions to our rapidly changing and complex world, acting with integrity and confidence about the usefulness of *surveying*, and *translating these words into action*.



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THE ROLE OF FIG WITHIN THE GLOBAL, REGIONAL AND LOCAL ENVIRONMENT

FIG will continue to provide a global forum

- Organization of annual conferences, regional conferences and workshops
- FIG Networks
- The work of the ten commissions (ACCO) within their working groups and seminars
- The work of the Task Forces (TFs)
- Performance monitoring



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FIG WORKING WEEK 2015
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Global Environment

Organization of Conferences & Workshops

The FIG motto should be applied according to the situation



FIG Working Week 2015

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Response to the post 2015 sustainable development agenda

- UN agencies such as UNGGIM, FAO, UNHABITAT/GLTN, UNECE, UNEP, UNDP, UNOOSA, UNECA, UNRCC, ECOSOC, PCIDEA,
- The World Bank
- New MoUs or extension of existing MoUs
- International professional organizations in surveying disciplines (IAG, ICA, IHO, ISPRS, GSDI, ISM, IFHS, ICSU) through the Joint Board of Spatial Information Societies.



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FAO, GLTN, UNECE, UNGGIM, WB

- FAO : within the framework of implementing the VGGT (Commissions, Academic Forum)
- GLTN:
 - Cost and Financing of Land Administration Services;
 - Valuation of Unregistered Land and Properties;
 - Support GLTN's capacity development initiatives on STDM and other topics of interest
 - Agreement until June 2016.



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Regional Environment

- Joint activities with regional professional associations
- Promoting capacity development in the regions where most in need.
 - **Regional Capacity Development Network**
 - Task Force to assess the progress of establishing the **property markets** in the countries with economies in transition within the UNECE region



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Local Environments

- Establish a sustainable communication strategy
- Guidelines and training courses
- Clarify and promote FIG benefits
- Increase membership direct involvement in FIG activities by appointing delegates to commissions
- **Elections in NZ: we encourage participation, please support with your candidates!**



FIG Working Week 2015

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Internal FIG Structural Improvements

- **Empowering ACCO and Commissions**
 - Task Force to **assess the Commissions and their operation, investigate the need to revise**
- **Engaging the corporate members within FIG**
 - Task Force to *strengthen the FIG relationship with corporate members*



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Internal FIG Structural Improvements

- Collaboration with **academic members**
 - **Task Force** to investigate the need to introduce **an FIG peer review journal** (electronic or printed)
- Strengthen the collaboration and efficiency of the **Forum of Mapping Agencies**
- Elaborating and continuously updating the new **FIG website**; checking the efficiency of our **communication channels**



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PRESIDENT'S RESPONSIBILITIES



- Professional and strategic leadership, communicate the vision
- FIG statutes & work plan objectives
- Represent FIG to external agencies and ensure their cooperation (UNGGIM, FAO, UNHABITAT/GLTN, UNECE, UNEP, UNDP, UNOOSA, UNECA, UNRCC, ECOSOC, PCIDEA, the World Bank, etc)
- Recommend, supervise, coordinate & contribute to the Task Forces
- Cooperate and supervise the Networks & PIs work
- Communicate with FIG members
- Report to GA
- Work closely with the VPs & FIG Office



FIG Working Week 2015

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VICE PRESIDENT Pengfei Cheng



- Young Surveyors Network
- Academic Forum
- FIG Foundation
- Directors General Forum
- Report to the GA
- Support the President with external agencies and especially with Asian regional associations
- Cooperate with
 - FIG Office in developing and improving **FIG communication**
 - Task Force on **peer reviewed journal**
 - Task Force on **Corporate members**



FIG Working Week 2015

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VICE PRESIDENT Diane Dumashie



- ACCO & FIG Commissions
- Co-Chair ACCO together with the ACCO rep.
- Help commission chairs to develop their plans, implement their tasks & deliver high quality technical programs
- FIG Regional Capacity Development Network
- Report to GA
- Support the President with external agencies and especially with GLTN/UNHABITAT
- Cooperate with
 - Task Force on **Commissions**
 - Task Force on **Corporate members**



FIG Working Week 2015

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FIG WORKING WEEK 2015
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VP Bruno Razza



- FIG VP responsible for FIG cooperation with the Regional and sister Professional Associations: CLGE, EGoS, the Arab Union of Surveyors, Fédération des Géomètres Francophones, FGF and the Mediterranean Union of Surveyors
- Report to GA
- Cooperate with the Young Surveyors Network (and FIG Commissions) on organizing focused workshops on capacity development
- Support the President with external agencies and especially with those based in Italy



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VP Rudolf Staiger



- FIG Office
- FIG financial issues & update the financial strategy
- Report to the GA
- Support the President with external agencies
- Cooperate with
 - FIG Office in developing and improving **FIG communication**
 - Member Associations on membership matters
 - President on various tasks as appropriate e.g., agreements with conference and WW organizers
 - Task Force on **Commissions**
 - Task Force on **Corporate members**



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Organised by:   CHAMBER OF GRADUATED SURVEYORS

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Fig Commission Highlights



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FIG Commission 1 Professional Standards

Chair: Brian Coutts



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FIG Commission 1

- **WG 1 Ethics**
 - Gary Strong, UK gstrong@rics.org
- **WG 2 Women in Surveying**
 - Robyn McCutcheon, Australia robyn.mccutcheon@gmail.com
 - Winnie Shiu, Hong Kong mwinnieshiu@gmail.com
- **WG 3 International Boundaries**
 - Don Grant, New Zealand donald.grant@rmit.edu.au
- **WG 4 Forum on Engaging Private Practice**
 - Malcolm McCoy, Australia M.Mccoy@aamgroup.com
- **WG 5 Forum on Mutual Recognition**
 - Kate Fairlie, Australia kfarlie@gmail.com



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FIG Commission 2 Education

Chair: Ir. Liza Groenendijk,
University of Twente, The Netherlands



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Commission 2 - Who we are

WG 2.1 Educating the surveyor of tomorrow
Chair: Dr.-Ing. Fahria Masum, Technical University Munich

WG 2.2 Innovative teaching and learning
Chair: Dr. Audrey Martin, Dublin Institute of Technology

WG 2.3 Demand for and supply of professional education
Chair: Dr. Nadezda Kamynina, MIIGAİK

WG 2.4 Accreditation and quality assurance
Chair: Prof. Alias Abdul Rahman, UTM



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What I hope to achieve over the 4 year term

1. An active and sustainable commission
Active members, Young Surveyors, Communication
2. Professional education worldwide
Workshops in Nepal, Kenya; European
FIG learning platform
3. Towards educating the surveyor of tomorrow
Defining the challenges
Publication on land administration in the surveying
curriculum
4. Vocational surveying education as part of FIG
Discussion and technical sessions



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What we aim to achieve in 2015

- FIG Commission 2 Workshop in Nepal, Kathmandu on 25-27 November 2015: *Strengthening Education for Land Professionals and Opportunities for SDI Development*
- Active working groups



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FIG Commission 2 Professional Education

Professional Education for Everyone and Everywhere

Your FIG Commission 2
Join us
Send me your suggestions



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FIG Commission 3 – Spatial Information Management

WORK PLAN 2015-2018

Chair: Enrico Rispoli, Italy



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Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure
FIG FIG COMMISSION 3
Spatial Information Management

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FIG Commission 3 – Spatial Information Management

Administration: Vice Chair: Maria Grazia Scorza, Italy

Working Group 3.1 - SIM Infrastructure

- Chair: Hartmut Mueller, Germany

Working Group 3.2 – Technical Aspects of SIM

- Chair: Ioannidis Charalabos, Greece

Working Group 3.3 – 3D Cadaster (Joint WG Commission 7)

- Chair: Peter Van Oosterom, The Netherlands

Working Group 3.4 – Crowdsourcing & VGI supporting SDI

- Chair: Sagi Daylot, Israel



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FIG WORKING WEEK 2015
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What I hope to achieve over the 4 years term:

- to address the phenomena of **CROWDSOURCING** and **VOLUNTEERED GEOGRAPHIC INFORMATION**;
- to follow the **MANAGEMENT** of the **ENVIRONMENT**;
- to assist **GOOD GOVERNANCE**;
- to address the research of the methods for the **SUSTAINABLE DEVELOPMENT**;
- to address the research for the **REUSE OF THE BUILT**;
- to study and monitor the territory for the **DEFENSE** from **NATURAL PHENOMENA**;
- to study and monitor the territory for the **PREVENTION** from **HYDROLOGICAL DISASTERS** and from **EARTHQUAKES**;
- to participate in the organization of **INTERNATIONAL SUMMERSCHOOLS** for **YOUNG SURVEYORS** with the cooperation of the **YOUNG SURVEYORS NETWORK**.



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Fédération Internationale des Géomètres
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FIG COMMISSION 3
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Areas of focus in this year 2015/2016:

- Crowdsourcing is a widespread method of reference for SIM. The question of whether the crowdsourcing can be a compression of the market of certified data or not is one of the elements of interest of the Commission to be monitored. For the reason above, Commission 3 has chosen as topic for it's next annual meeting "The National Mapping Agencies Perspective and the Crowdsourcing versus Regulated Procedures: The Role of Citizen and Experts Sensing in Geographic Information Production".
- Focus on the development of Cadaster 3D;
- Planning the next FIG Commission 3 Annual Meeting and Workshop on Crowdsourcing in Malta in November 2015 together with Commission 7.



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Spatial Information Management

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FIG Commission 3
Looks forward to your participation

Chair: Enrico Rispoli, Italy



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FIG COMMISSION 3
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Commission 4- Hydrography Officers 2015-2018






- **Chair:** Angela Etuonovbe (Nigeria)
- **Working Group 4.1** – Peter Barr(Australia)
- **Working Group 4.2** – Dr. Jonathan Li (Canada)
- **Working Group 4.3** – Gordon Johnston, MRICS (UK)



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FIG Commission 4 Looking Forward

- **Supports Young Surveyors Network** seeks to improve the participation of young professionals in FIG activities, in particular, to increase co-operation between the commissions and young surveying professionals including students.
 - **Maximizing stakeholder relationships (MOUs):**
 - FIG-International Hydrographic Organisation
 - FIG-International Federation of Hydrographic Societies
 - FIG-World Bank
- **The further promotion of the work** of FIG, IHO and Hydrography shall be continued through articles, presentations and papers.



 CHAMBER OF GRADUATED SURVEYORS

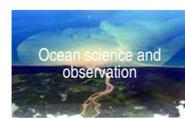
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THE BLUE VOICE: The Potential of the Blue Economy



IHO, World Hydrography Day 2013 Publication. www.iho.int

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FIG Commission 5 Positioning and Measurement

Chair: Volker Schwieger

Vice-Chairs: Li Zhang, David Martin,
Nic Donnelly, Kevin Kelly/Dan Roman,
Neil D. Weston/Suelynn Choy, Allison
Kealy/Guenther Retscher, Leonid A. Lipatnikov



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What I hope to achieve over the 4 year Term / Working Groups

Vice-Chair of Administration: *Li Zhang*, Germany

WG 5.1: Standards, Quality Assurance and Calibration
(David Martin, France)

WG 5.2: 3D Reference Frames (Nic Donnelly, New Zealand)

WG 5.3: Vertical Reference Frames
(Kevin Kelly, USA / Dan Roman, USA)

WG 5.4: GNSS (Neil D: Weston, USA / Suelynn Choy, Australia)

WG 5.5: Multi-Sensor-Systems (Allison Kealy, Australia /
Guenther Retscher, Austria / Joint with IAG /Com. 6)

WG 5.6: Cost Effective Positioning (Leonid A. Lipatnikov, Russia)



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Co-operations

- **United Nations Office for Outer Space Affairs (UNOOSA) and ICG (International Committee on GNSS).**
- **UN-GGIM - Global Special Information Management**
- **International Association of Geodesy (IAG) (Memorandum of Understanding available)**
- **International Society for Photogrammetry and Remote Sensing (ISPRS)**
- **International Standard Organizations, especially ISO.**



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FIG WORKING WEEK
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Areas of Focus in this Year

- **Technical seminar on Vertical Reference Systems at Singapore, 27-28 July 2015**
- **Developing guidelines for cost-effective use and design of survey solutions including costs for labour and investment**
- **Evaluation of UAV capabilities and the increasing role of multi-sensor systems in UAV navigation**



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FIG WORKING WEEK
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Commission 6 Engineering Surveys

Chair: Ivo Milev

Vice chairs: Desislava Staikova, Vladimir Seredovich , Rémy Boudon , Joel van Cranenbroeck , Wolfgang Niemeier



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Working groups

WG 6.1 Deformation Monitoring and Analysis
(W. Niemeier)

WG 6.2 Engineering surveys for design, constructive works and
exploitation of buildings and communication infrastructures
(Joel van Cranenbroeck)

WG 6.3 Sensor fusion, data acquisition and processing techniques for
moving measuring complexes
(Vladimir Seredovich)

WG 6.4 Wide Area Engineering Surveys for Monitoring, Features
Determination and Environmental Management
(Rémy Boudon)



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What I hope to achieve over the 4 year Term

- **Dynamic Monitoring of Buildings and Structures during and after construction**
- **Get the offshore and high-rise construction surveys as state of the art and get the requirements for this in the standards**
- **Definition of more productive workflow for the engineering infrastructure inventory and rehabilitation based on 3D mobile data acquisition and processing**
- **Combination of the 'Smart technology solutions' with the objectives of the engineering surveying for optimization the processes of train and automobile control system, and traffic management**



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FIG WORKING WEEK
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Areas of Focus in this Year

- 2015/2016
- *The 3rd International Symposium on Deformation Monitoring (JISDM) will take place in Vienna from 30th March–1st April 2016, organised by the Department of Geodesy and Geoinformatics of Vienna Technical University. <http://www.jisd2016.org/>.*



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FIG WORKING WEEK
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General Assembly **FIG Commission 7** **Cadastré & Land Management**

Chair: *Gerda SCHENNACH (AT)*
Vice-chair *Hyunsook LEE (KR)*
Vice-chair *Chrit LEMMEN (NL)* / Vice-chair *Daniel PAEZ (CO)*
Vice-chair *Robin McLAREN (UK)* / Vice-chair *Gyula IVÁN (HU)*



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Structure

Chair

G. Schennach (AT)

V-Chair for communications, social media, web

Hyunsook LEE (KR)

WG 7.1
Fit-For-Purpose
LA

Ch. Lemmen (NL)

WG 7.2
LM in
CC and PP
Disaster areas

D. Pérez (CO)

WG 7.3
Crowdsourcing
of Land Rights

R. McLaren (UK)

WG 7.4
Citizen
Cadastre

G. Iván (HU)

Joint WG C3/C7 3D Cadastre *P. Van Oosterom (C3)*

Cadastral Template 2.0 *D. Steudler (CH) A. Rajaribard (AU)*



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Goals for the 4-year term

- Raise awareness about **necessity** and **benefit** of property registration among society
being a mastermind in developments of good land management
- Get one step further in developing **trustable**, **self-monitoring** and **sustainable** land registration systems
- Use modern technologies for raising **security** of property information and for improving **trust of citizens** into systems
providing expertise for securing land tenure and advocating citizens' rights
- Make the **citizen** the centre of the procedures in cadastre and land management
initiating professional discussions on new business models as required by a changing society
- Build solid long-term **co-operation** with UN bodies and NGOs (UN Habitat, GLTN, FAO, WB, UN GGIM e.a.)



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Areas of focus in 2015/2016

- encourage delegates from as many as possible member associations to get **actively** involved
- implementing **new technologies** into the agenda of Commission 7
 - *Crowdsourcing of land rights*
 - *Fit-for-Purpose models for developing cadastre and infrastructures*
 - *Land information as tool for pre- and post-disaster management*
 - *Qualification of professionals and training of stakeholders as partners*

Workshop Com3/Com7 on Crowdsourcing in Malta – Oct/Nov 2015

Workshop Com2/Com7/ISPRS on Professional Qualification and Training in Nepal – Nov 2015

- Development of **Cadastral Template 2.0** towards a more global information tool



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FIG Commission 8 Spatial Planning and Development

Planning for Humanities Needs

Chair: Kwame Tenadu



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How to unpack linkages of Surveyors' functional Roles in PLANNING & RESOURCE DEVELOPMENT

- Issues on
 - Availability
 - Accessibility
 - Equitability
 - Profitability
 - Accountability
- The HOW TO PLAN ;
 - Minimize Vulnerability
 - Improve Sustainability
 - Achieve Resilience.
- FOR GLOBAL COMMON GOOD!!!



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COMMISSION OFFICERS

Working Group 8.1 – Disaster recovery, risk management and resilience planning – Chair: Phil Rhodes NZ

Working Group 8.2 – Stewardship for water, land and forest as primary resources for development – Chairs: L.Bruce Keith UK, Yvonne Sowah, Ghana

Working Group 8.3 – Human settlement policies and implementation – Chair; Peter Laarrakker

Working Group 8.4 –Resilient Urban Development: Dr. Frank Friesecke, Germany

Working Group 8.5 – Rural development and land governance: Chairs: Rosy Liao Rong, China & Dr.-Ing. Michael Klaus, (Germany)



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- COMMISSION 8 OFFICERS MINI CONGRESS IN GHANA
- EARLY 2016
- MAJOR EVENTS SLATED FOR WW

TOUR OF WESTERN REGION OF GHANA
Nzulezu-stilt-village-western-region-Ghana



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Jump on board C8

- *"Be the change that you wish to see in the world.' Live as if you were to die tomorrow. Therefore learn as if you were to live forever."*
- – Mahatma Gandhi

His vision of sustainable development



Heroes of the 20th century





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FIG WORKING WEEK 2015
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Kwame Tenadu
Chair, FIG Commission 8
tenaduk@yahoo.com
kametenadu@gmail.com
www.fig.net/commission8



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***FIG COMMISSION 10 - Construction Economics &
Management WORK PLAN (2015 – 2018)***



By See Lian Ong – Commission 10 Chair



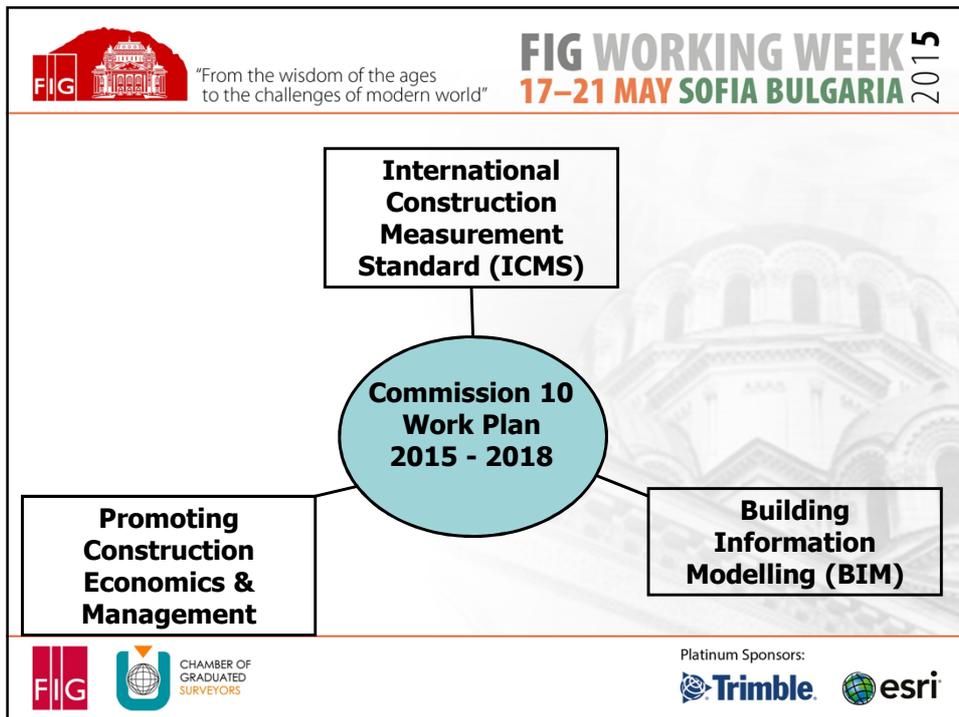


FIG  "From the wisdom of the ages to the challenges of modern world" **FIG WORKING WEEK 2015**
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Focus for 2015/2016

1. In collaboration with the ICMS Coalition to develop the framework for ICMS. ICMS to be launched in Washington 16-17 June 2015
2. Prepare Tool Kit for the promotion of the Quantity Surveying / Cost Management profession for FIG member countries

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**FIG COMMISSION 10 -
Construction Economics & Management**



slong1951@gmail.com



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FIG WORKING WEEK
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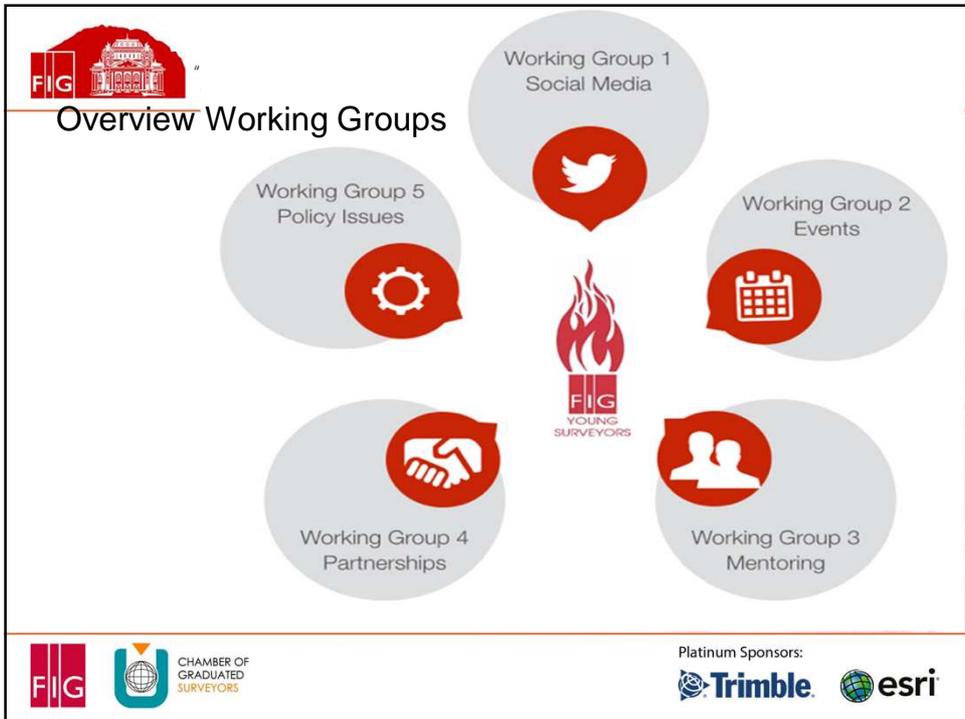
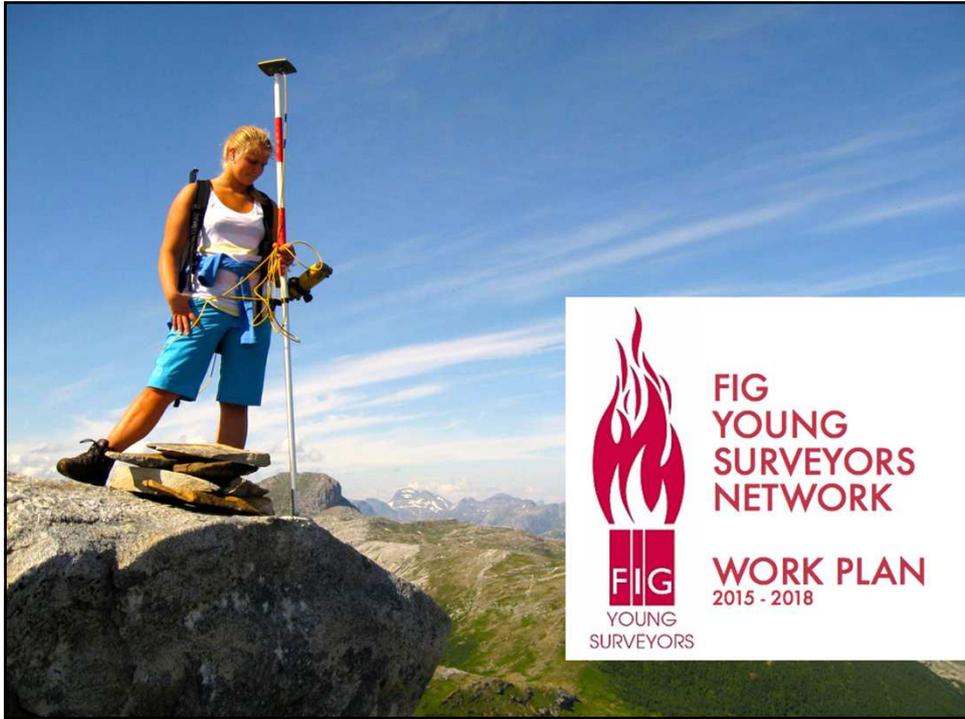
Young Surveyors Network

Chair: Eva – Maria Unger



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	<p style="text-align: center;">STAY STRONG NEPAL</p>	
<p>MONDAY 18 MAY 2015</p> <p>14:00 – 15:30 Hall 7.1 / 7.2, NPC</p> <p>Session #1 - Surveying the future: Mapping the bitcoins</p> <p>Is it possible to publish a land transaction completely transparent, secure, legal, open and reliable using bitcoins?!</p> <p>In this session we apply the principles of the innovative and game-changing concept of bitcoins and the blockchain. You never heard of it before? But you are curious to learn more. Then this is the session to be! Instead of using bitcoins as a tool for currency transactions, why not use it as tool to register the transaction of property, Google Maps for the cadastral mapping, LinkedIn for the Legal Register and Bitcoins for the transactions...? Imagine what happens if you see one square meter in a land transaction equal to a bitcoin. This sounds impossible to you - it doesn't to us! Within this session we want to challenge all surveyors, young and experienced, to verify how bitcoins and blockchains contribute to the challenges in land administration. We want to introduce the idea and the concept and then further want to get to know your experiences and input on how the realisation could look like.</p> <p>Everybody is welcome!</p>	<p>TUESDAY 19 MAY 2015</p> <p>14:00 – 15:30 Hall 7.1 / 7.2, NPC</p> <p>Session #2 - Mapping response - contributions for Nepal</p> <p>The FIG Young Surveyors Network wants to contribute and actively do something for our dear friends and colleagues in Nepal. There was originally another session scheduled but this has been changed to</p> <p>"Mapping response - contributions for Nepal"</p> <p>We invite all of you to join us and use the already established Open Street Map (OSM) initiative to map for Nepal. OpenStreet-Map (OSM) volunteers from around the world rapidly digitize satellite imagery to provide maps and data to support humanitarian organizations deployed to the affected countries.</p> <p>There will be a short introduction on how to use OSM and then we will work together on a specific task defined by the OSM Tasking Manager.</p> <p>Important Note: Please bring your own Laptop!!!</p> <p>Everybody is welcome!</p>	
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	<p>"From the wisdom of the ages to the challenges of modern world"</p>	<p>FIG WORKING WEEK 2015 17-21 MAY SOFIA BULGARIA</p>
<p style="text-align: center;">THANK YOU – ANY QUESTIONS?</p>		
		
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Regional Capacity Development Network

Dr Diane Dumashie FRICS
FIG Vice President

FIG Working Week, Sofia, Bulgaria
17th- 21st May 2015

Purpose

*Ensuring the Rapid Response to Change
Ensuring the Surveyors of Tomorrow*

How:

- A Global Network
- Operationalised on a Regional basis



Regional Capacity Development Network

Overview



- **Why:** Purpose
- **What:** Response to Change
- **How:** Ensure the Surveyor of Tomorrow

WHY?



Purpose:

- **FIG :** To support international collaboration for the progress of surveying in all fields and applications
- **Member Associations:** to work collectively in a Region to develop the needed capacity of their members, a responsibility to engage

What- Response to Change

- Influential **Communication** to global donor organisations, governments
- Purposefully **Collaborating** with our peers
- Building **Connectivity** to ensure that skills are developed that will reach out to all stakeholder's community networks in Countries, Regions and Globally

Rapid Response to Change



Build our **Capacity** with
Agility, & Relevance
within our Region(s)

And

- **Societal** impact
- Agents of Change,
Sustainability & Resilience

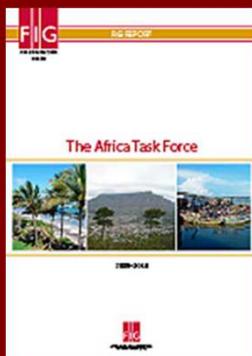
An Emerging Network



- Africa Task Force Purpose
 - Social responsibility to contribute to the MDG's
 - Surveyors as Change Agents
- Task Force Focus(2009 – 2014)
 - Build capacity, to best contribute to meet global challenges
- Next step is to evolve.....

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RCD Network: Africa



“By 2030
Africa Land **Professionals** will

- **Provide** global thought leadership, and
- **Promote** professional leadership qualities,
 - Amongst its members within their Associations”

 Regional Capacity Development Network

Ensuring the Surveyor of Tomorrow



To reach out across the generations Member Associations have to:

- Consolidate what has been achieved,
- Continue momentum, and
- Engage at all levels of societal institutions

**People, Partnerships
& Places**

 Regional Capacity Development Network

How – People & Partnerships

- **Principles** of Leadership, Diversity & inclusion in stakeholder meetings and
- **Support** from the existing network and new members, FIG office and Partners
- **Partnerships:** YSN, Federation of French Speaking Surveyors, FIG Commissions, Corporate Members, and Member associations....**our bedrock for implementation and operationalisation**

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How- Our Place

“Professionals will need to quickly re-think roles and responsibilities, in the dynamic 21st Century landscape “

Robin McLaren January 2015

Global Landscape:

- 2015/16: Futures, Youth and Diversity in an equitable economy,
- 2016/17 Good Land Governance; alliance with VGGTs & SDGs (Land indicators)
- 2017/18 Economics and Finance (Potential); AU Large Scale Land Based Investments.



Long Term Action Plan



RCD Network success looks like:

- Resilient Network continues to function.
- Clear leadership direction for the future
- Diversity in annual meetings
- Capacity development for benefit of society and members



Roundtable Sofia 2015

Engagement: Open to all...

- Deliberate: The Direction of our Journey
- This requires Agreeing:
Leadership, Working Themes,
Venues, opportunities identified, our
capacity & resources to deliver

Tuesday 8am – 9.am Hall 7.1/7.2

 Regional Capacity Development Network

Thank You Look Forward to Seeing You



Keeping in Touch

- WWW.fig.net/rcdNetwork
 - Email alerts
- Chair: Dr D Dumashie
- ddd@dumashie.co.uk



FIG Task Force on Real Estate Market Study

Pekka Halme

May 17, 2015

Sofia



Why?

- It would be good for Surveyors to increase their knowledge and activity in real estate markets on the current challenges etc. To promote that it would be helpful to establish a Task Force on the topic.



Goal and Topics

- Carry out a study on the real property markets in the UNECE region in 2015-2018.
- Topics
 - legislation
 - relevant recent legislation and involved governmental agencies for regulation and permitting procedures
 - existing registers/databases, information services
 - taxation, fees → transparency
 - players/actors
 - investors' needs
 - processes
 - time and costs required
 - government guarantees to register information
 - security of ownership/tenure



Task Force Composition

- Chair: Pekka Halme, Director of Strategic Development, NLS Finland
- Members: To be decided during the FIG Working Week 2015
 - Network of specialists in the region

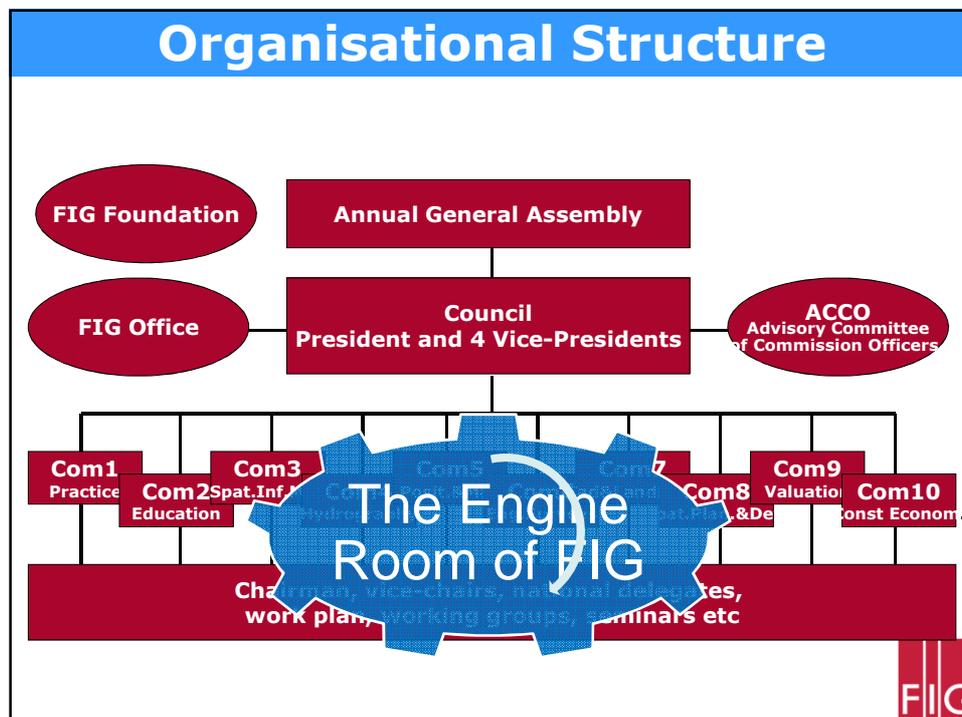


Outcome

- Report on the situation of real estate market in the region and main lines of development

Council propose

FIG Task Force on FIG Commission Structure



Summary

- This Task Force has been set up to secure the internal structure of FIG into the future.
- Technology, methodology, work processes and more have changed significantly the last decades. Also, global trends as climate change and urbanisation are notable.
- The TF will not necessarily suggest a new structure. It will review the current structure, its terms of reference, the Commission's missions and suggest ideas on how to improve the capability of FIG and the Commissions to accomplish the work plans and most importantly how FIG will be a long term partner in the developing world. It will also discuss the process on how to elect commission chairs.



- The TF will use a unified, collaborative and consultative approach with all of FIGs members
- We are also asked to look into on how to have the Commissions to use the full FIG structure, corporate members included when accomplishing their work plan
- The task force will end at the latest at the next FIG Congress 2018
- We will use an active "core group" and encourage participation in the "reference group".



The task force is based on two proposals

Proposal from Geosuisse submitted 2014 regarding how commission chairs elect could be elected

Proposal regarding Structural Improvements submitted 2015 by

- Danish Association of Chartered Surveyors (Denmark)
- Finnish Association of Geodetic and Land Surveyors MIL (Finland)
- Norges Jordskifte kandidatforening, faglig gruppe av Tekna ([NJKF](#)) (Norway)
- Swedish professionals for the built environment



We should ...

- evaluate the current structure and function of the commission and hereafter conclude whether any changes are needed.
- and **if** it turns out that it might be advantageous to change the structure of the Commissions the Task Force will identify possible changes.



Some questions to ask in the process are:

- Do we have the right Commissions?
- Do the Commissions have the right focus?
- Do we have a mechanism for the Commissions to interact more actively with each other, FIG members or working groups from other organisations?
- Do we need to change? If we need, what should be changed and why?
- How do we manage and implement structural change?
- How do we secure that we have dedicated commission chairs



Task Force Members

- "Core group": A smaller number of persons that will actively contribute. Currently myself, Brian Coutts, Diane Dumashie, Henning Elmstrøm, Kate Fairlie, Brent Jones, Jurg Kaufmann, Robert Sarib. A few more will be added
- Reference Group: A larger number of interested people that will be asked to comment, discuss and contribute. If you are interested in being involved in the Reference Group, just let me know!



OPEN MEETING

Tuesday, 19 May @ 16:00–17:30
Hall 8.1/8.2, NPC

You are most welcome. Your thoughts on the current Commission structure, its strengths and weaknesses will be discussed and noted.

We will discuss IF (and why) a change is needed. We will also try to discuss strengths and weaknesses of the current structure.




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**FIG Task Force
on
FIG Corporate Members**

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RATIONALE

FIG needs to increase income stream. FIG has a vibrant membership community however there are minimal opportunities to increase income from Member Associations, Affiliate Members or Academic Members.

The one significant area of opportunity is Corporate Members.



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RATIONALE

Currently FIG has 23 Corporate Members whose dues contribute approximately 22% of the FIG budget* but have little opportunity to truly interact, collaborate, communicate and participate with FIG Council and the FIG community.

A stronger collaborate platform could aim to disseminate and facilitate two-way beneficial activities.

*** This does not include their generous additional support as Sponsors and Exhibitors**



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AIM OF THE TASK FORCE

- FIG Solicit input of current FIG Corporate Members to explore how they can participate more fully in the FIG Community**
- FIG Discuss with them what is important in their relationship in FIG**
- FIG Explore comprehensive benefit package for FIG Corporate Members**
- FIG Increase the number of FIG Corporate Members**



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FOCUS / THEME

To increase in number of FIG Corporate Members while providing better communication with FIG Council and interaction between the wider FIG organization and ultimately member associations.



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CORPORATE
MEMBER

FIG CORPORATE MEMBERS MEETING

20 May 2015

16:00 – 17:30

President's Meeting Room



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Initiation of new Task Force:

To evaluate the establishment of a FIG peer-review scientific Journal

Prof. Dr. Yerach Doytsher, Israel

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

Rationale

- In recent years, there is a growing activity of academics in FIG
- The number and quality of their published articles is a very important parameter while examining their achievements
- This issue is particularly important for scholars in their early stages of academic career
- Many international professional organizations have established peer-review journals, e.g.
 - “*ISPRS International Journal of Geo-Information*” by the ISPRS
 - “*Cartography and Geographic Information Science*” by American Cartography and Geographic Information Society
 - “*International Journal of Spatial Data Infrastructure Research (IJSDIR)*” by the Spatial Data Infrastructure Association

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

Aim of Task Force

- Is there a need for a new Scientific/professional journal under the umbrella of FIG?
- Will it have a negative effect on the current channel of full peer-review submission of papers to the annual FIG event?
- Alternatively, will it have a positive affect by improving the quality of the submitted papers to the annual symposia?
- How can we compete with other existing journals?
- How we will get enough high-quality papers for the journal?
- How we will be able to motivate our academic and professional members to submit their research/papers to the new journal?

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

Aim of Task Force (cont.)

- An e-journal vs. printed journal - what are the implications of each one of the two alternatives?
- Will it be established as an open-access Journal?
- What international impact such a move will have?
- Will it motivate FIG delegates/members with poor-means that cannot participate in events – to contribute and be heard?
- What is the procedure and how long will it take for the journal to be indexed in citation databases (Scopus, ISI)?
- What are the financial implications - if any - of establishing the journal?

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

Composition of the Task Force

- The proposed composition of the Task Force (in an alphabetical sequence) is:
 - Prof. Dr. Pengfei Cheng, China - FIG Vice President
 - Prof. Dr. Yerach Doytsher, Israel - Task Force Chair
 - Prof. Dr. Charalabos Ioannidis, Greece, FIG WG 3.2 Chair
 - Prof. Dr. Rudolf Staiger, Germany - FIG Vice President
 - Prof. Dr. Volker Schwieger, Germany – FIG Commission 5 Chair
 - More members TBD

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

Proposed Work Programme

- 05/2015 – the TF is presented at the FIGWW'2015 GA
- 06-12/2015 – relevant data to be collected, discussions among the TF members via emails
- 01-02/2016 – optional - face to face meeting of the TF members (probably at a council meeting)
- 02-03/2016 – preparing of final report and recommendations
- 03/2016 – FIG council decision on the report
- 05/2016 – the report and recommendations to be presented at the GA in Christchurch for acceptance

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

Outcome

- A summarized report and recommendations on the following:
 - ✓ Report on the proven necessity
 - ✓ Procedures to be followed for the establishment of the journal
 - ✓ Necessary costs (for the establishment and annually in future)
 - ✓ Times (time schedules of all steps and expected achievements)
 - ✓ Responsibilities
 - ✓ Action plan for the speeding of the procedure and the increased participation (e.g., engagement of potential authors, FIG members, etc.)



International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure

Finance Report

Rudolf Staiger, Vice President

**FIG General Assembly
17 May 2015, Sofia Bulgaria**



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This presentation

- Overall financial situation in 2014
– Adopt audited accounts (16 A)
- Member Association subscriptions 2017
(17)
- Budgets for 2014-18 (16 C)



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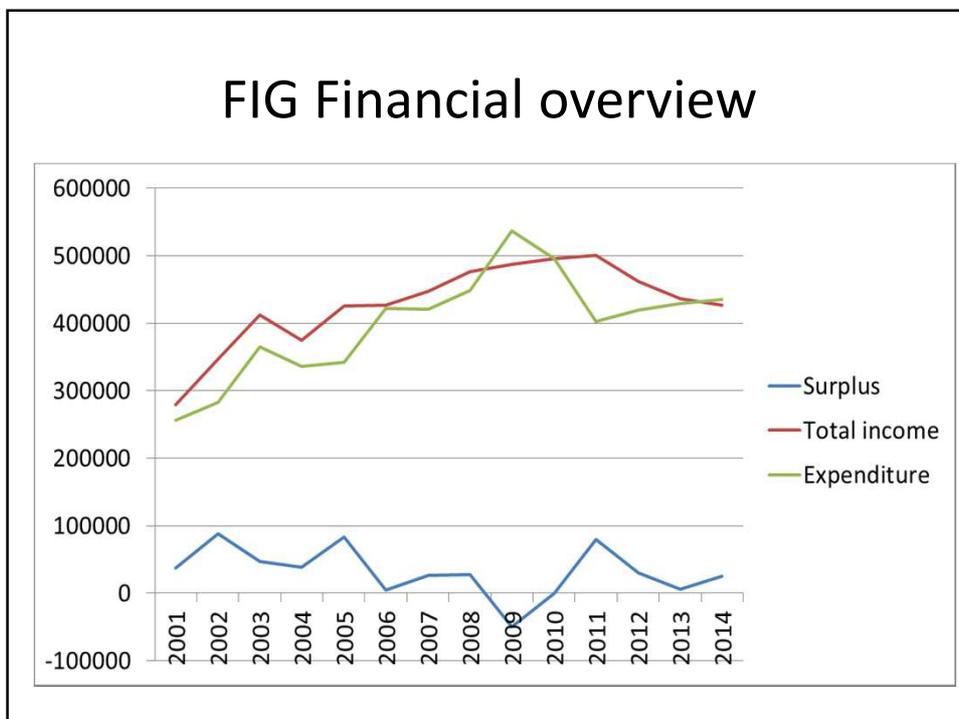


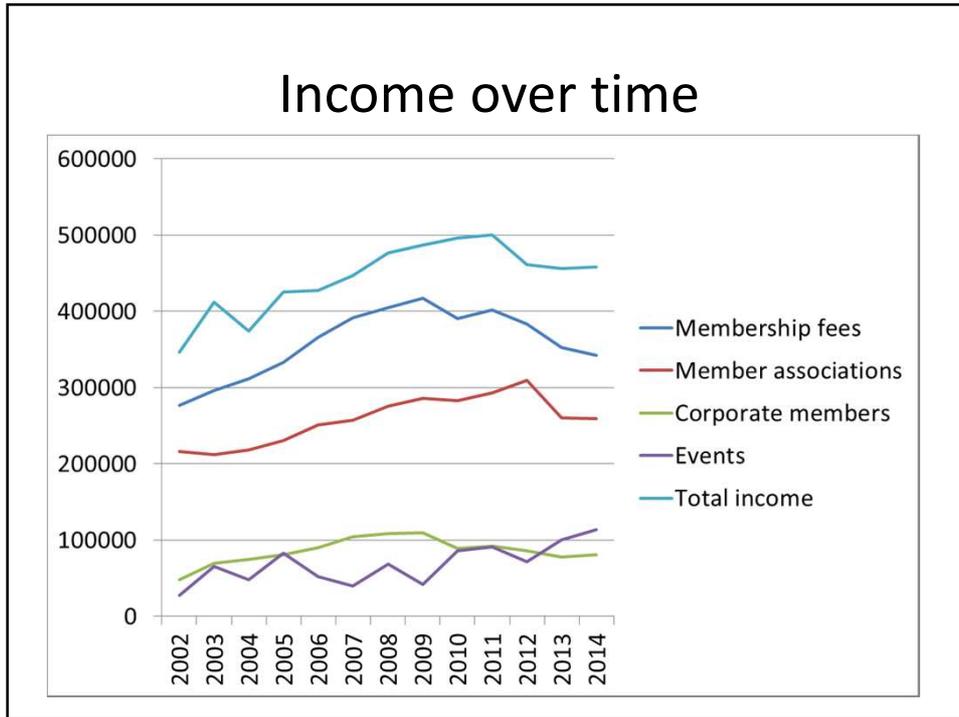
FIG  "From the wisdom of the ages to the challenges of modern world" **FIG WORKING WEEK 2015**
17-21 MAY SOFIA BULGARIA

Overall situation and trends

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Financial performance 2014 -1

- **Subscriptions 10,000 EUR lower than 2013 and 20,000 EUR below budget:**
- **Income from conferences higher than expected**
- **IT/Web investments**




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Financial performance 2014 – 2

- Admin costs lower than budget – but higher than 2013 – tight control
- Lower interest rates!
- Council costs tightly controlled, travels carefully controlled
- Result on regular (+) activity much over budget

Annex B to GA finance paper



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2014 accounts

- Auditors’ opinion – true and fair view (Annex 16A)
- Surplus (budget -19,758) 25,418 €
- Subscription arrears (2013 € 135,987) 153,820 €
- In 2013 introduction of IT reserve 25,000 €
2014 we increased IT reserve to 50,000 €

Motion: that the GA adopts the audited accounts for 2014



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Subscriptions – agenda item 17



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Subscriptions

- **Maximum level from 2010 – 5,500 members**
- **Minimum level from 2010 – the greater of 20 members and €50**
- **2017 – no change proposed**
 - But if overall situation does not improve proposed change for 2017 at General Assembly 2016



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Proposed 2017 subscriptions

Year	Per capita fee	Minimum fee	Maximum fee
2016	4.48 € per member up to a maximum of 5,500 members.	20 members or 50 €	5,500 members (24,640 €)
+		(whichever is greater)	
2017	Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € per member up to a maximum of 5,500 members.		




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Motion: that the GA approves the member association subscription rates for 2017




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FIG budget 2015-2018

Annex C to GA finance paper



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Key measures decided by GA

- Regular income exceeds expenditure each year
- An overall surplus is returned over the 4-year period
- General reserve is 90-100% of regular annual expenditure [using 4-year averaging of expenditure]



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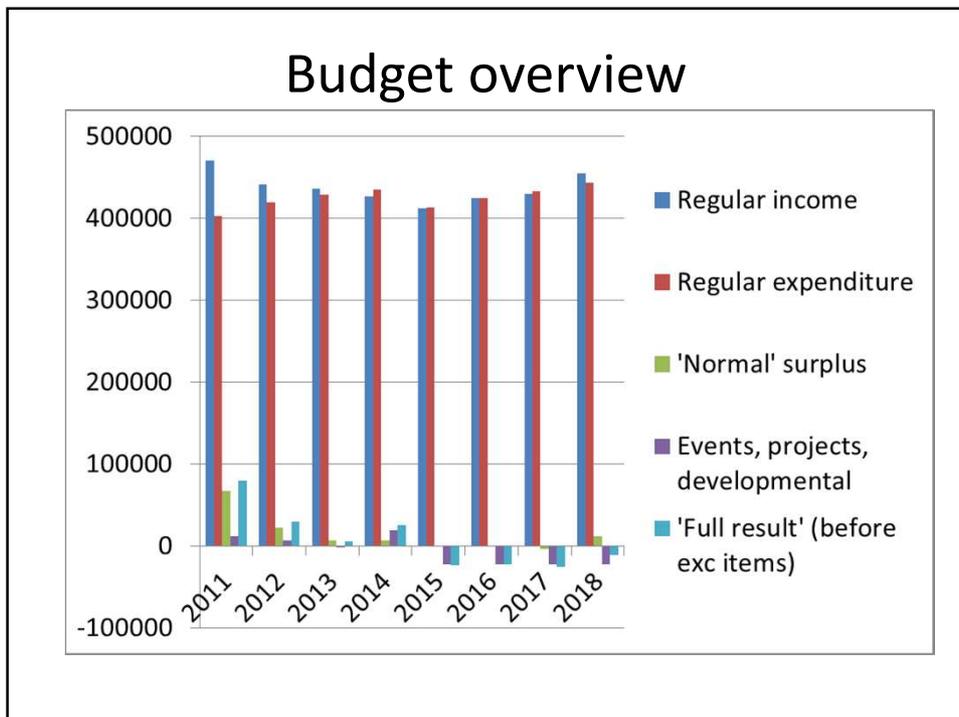
Key issues 2015-18

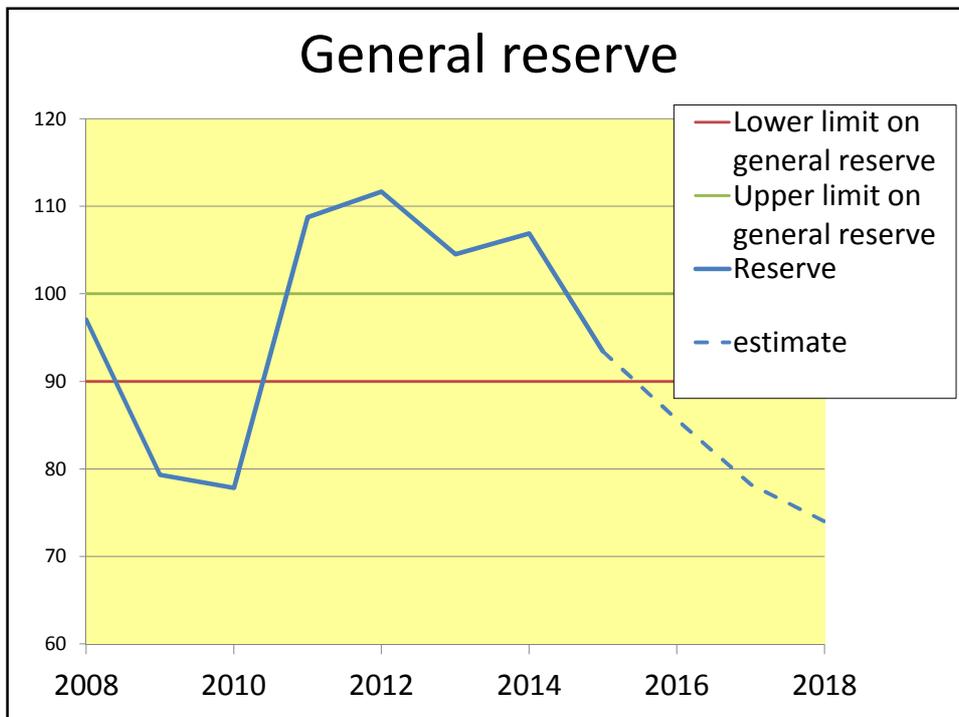
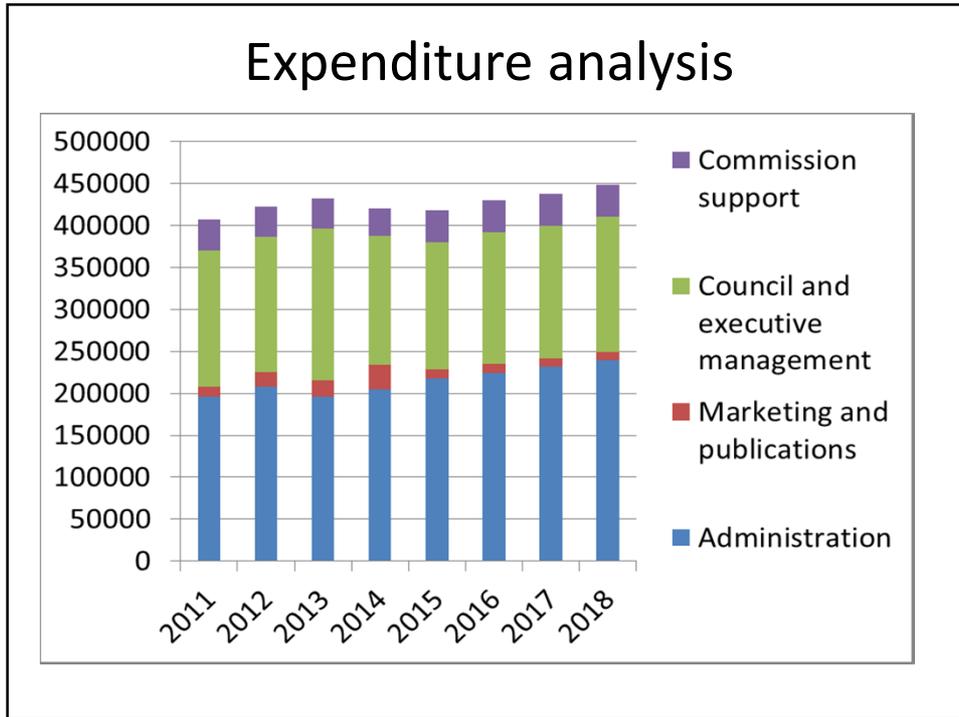
- Membership assumed stable (MA, AF and AC)
- Target: more corporate membership (not in budget)
- If income does not increase activities and expenditure must decline
- Continued savings in expenditure
- Collection of subscription arrears/ write offs




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Key points

- Prudent budgeting + very tight financial controls in 2015
- Returned a surplus of € 25,000 despite global financial situation and a budgeted deficit
- Held the reserves above the agreed range
- The forward budget



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Motion: that the GA endorses the FIG budget for 2015-2018



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Thank you for your attention



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Summary

- Motion 1: the GA adopts the audited accounts for 2014**
- Motion 2: GA approves the subscription rates MAs for 2017**
- Motion 3: the GA endorses the FIG budget for 2015-2018**



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Agenda Item 20:
Decision on the Venue for 2019 FIG
Working Week

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Evaluation criteria

- Finance
- Completeness of proposal
- Executing abilities of bidding association(s)
- Governmental support
- Supporting organisations
- Venue
- Accommodation
- Security
- Access
- Rotation of venues
- Objectives and outcome
- Suggested theme or focus
- Track record - events organised in the past 3 years
- Initiatives for sustainable conferencing environment
- New initiatives or activities
- Legacy to leave



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Assessment

Assessment system for evaluation designed on a 1-5 scale:

- 1 – expectation not met or no information given
- 2 – below expectation
- 3 – meeting expectation
- 4 – exceeds expectation
- 5 – extraordinary above expectation



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Association	Score
Dublin, Ireland, Society of Chartered Surveyors, Ireland (RICS)	83
Nairobi, Kenya, Institution of Surveyors, Kenya	62
Geneva or Interlaken, Switzerland, geosuisse	84
Hanoi, Vietnam, The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR)	82



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Corporate Members Meeting



Working Week Sofia



Sessions ★★★★★

AC ★★

Use of Space ★★★★★

Organization ★★★★★

Local Organizing Committee ★★★★★★



Reports



FIG Working Week 2016
 CHRISTCHURCH, NEW ZEALAND
 2-6 May 2016

Recovery
 from disaster

FIG NZIS




FIG WORKING WEEK 2017
 Surveying the world of tomorrow -
 From digitalisation to augmented reality
 May 29 - June 2 Helsinki Finland



Corporate Members Task Force

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Platinum Corporate Members



Silver Corporate Members **5**

Bronze Corporate Members **4**

Basic Members **3**

Regional Members **9**

New Website!



Young Surveyors



Nigeria!



Corporate Members



esri®

Leica
Geosystems



Bentley®



Trimble®



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Fig Commission Highlights

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What You Asked- What we have done




- Deliberated
- Debated
- Discussed
- Shared
- Resolved
- Agreed.....

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Wisdom of the Ages



Commission 1 & 2

- Ethics- Coalition within the International Ethics Standards; recommend that FIG joins the coalition.
- A working group to review and align the FIG code of ethics with the new International Standard.
- Life long learning our professional commitment
- Research themes: What will be the real core that defines the surveyor in the future?



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Modern World- Communication

Commission 3

- 3 D modeling to develop cadaster (Joint Comm 7)
- SDI local governments using as a communication tool
- And the opportunities for public involvement in crowd sourcing
- Attracting Young Surveyors to increase participation



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Challenges- Measurement of the Earth



Commission 5 & 6

- The dynamics of earth measurement ... moving earth, equally so geodesy moves with technology
- New and upcoming practices, the calibration of in-situ lasers scanners to achieve greater precision (Canada)
- Technical Seminar on Vertical Frames, Singapore, July 2015 (Comm 5), and Deformation Monitoring (JISDM) March/ April 2016 (Comm 6)



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Modern World- Natural Environment



Commission 4 & 5

- Hydrographers roles Inland:
 - Inland water /lake transportation system, and
 - managing flood disaster
- Hydrographers roles Coastal
 - Coastal risk analysis



Coastal Zone Management

And the role in ...

- Science of measurement in Meteorology; Atmospheric Applications of GNSS with 500 followers twitter



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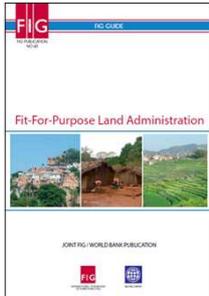




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Modern World – Land Administration



Commission 7

- New technologies and its implementation
- Challenge for securing rights on land
- Fit for Purpose – system design acknowledging cost, time and application constraints
- Challenge to sustainably progress projects beyond end of donor funding need to institutionalize the solutions
- Climate change and disaster.....



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Modern World – The Urban World



Commission 8

- Disaster recovery underpinned by resilient planning
- Planning and resource development - stewardship
- Human settlement policies and rural development



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Modern World - The Built Environment



Commission 10 & 8

- Construction/ BIM
- City management and changing land uses
-informed by our Plenary presenters (city management)



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Our Professional Institution



All Commissions

- Work plan Embedded in WW discussion
- Range of commission working groups
- Energised and Enthused with best practice, good thoughts, and
- Engaged in participatory ways
- Upcoming commission Events
- Informed by our plenary on day 3 (institutional reform) Attract both Women and Men to maintain Resilience in our profession



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"From the wisdom of the ages
to the challenges of modern world"

FIG WORKING WEEK 2015
17-21 MAY SOFIA BULGARIA

Thank YOU for YOUR Participation



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3rd FIG YSEM
16 May 2015 Sofia, Bulgaria

European Young Surveyors
together for
tomorrow's challenges'



:: 50 participants from European countries;
:: Organising Team 21 people from 13 countries



FIG Working Week
17 - 21 May, Bulgaria
From the wisdom of the ages
to the challenges of modern world
SOFIA 2015

CHAMBER OF GRADUATED SURVEYORS

:: Session #1 Surveying the Future - Mapping the Bitcoins

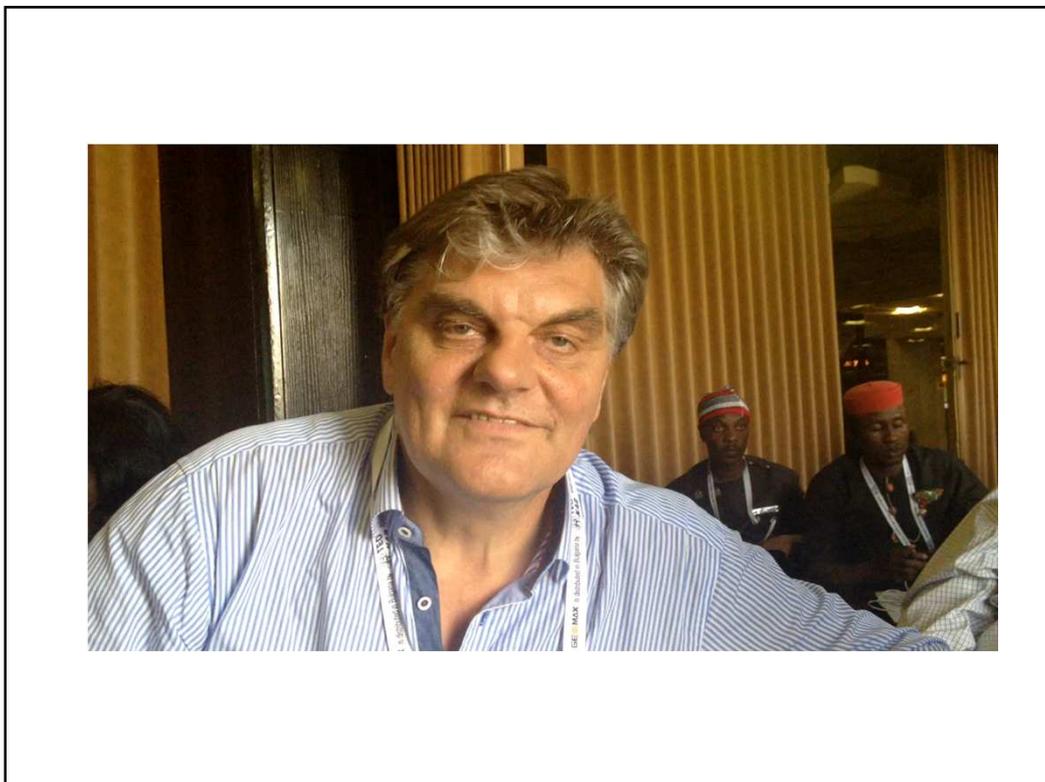
Think out of the Box - new approaches in a different domain





:: Session #2 Mapping response - contributions for Nepal

overwhelmed by the contribution - there was energy - 50 Surveyors 30 countries





:: Joint UN-Habitat GLTN and FIG Session: Sharing STDM Country Experience

:: YS shared their ToT experiences and their follow up actions

:: Joint UN-Habitat and FIG Workshop: STDM Awareness-Hands on



:: 15 participants
from 12 countries



Regional Capacity Development Network: Africa

Dr Diane Dumashie
FIG Vice President
Network Chair

FIG Working Week, Sofia, Bulgaria
17th- 21st May 2015

Roundtable - Sofia 2015



Aim/Outcome:

- Regional Network/
Understanding context

Aim/ Outcome:

- Road Map/ our Direction of
Travel, involves Roles and
Responsibilities



African Task Force www.fig.net/tf/africa

People & Leadership

Operationalise:

- Chair and Three Co- chairs(annual)
- Diversity: In facilitation
- Roles and Responsibilities: Design, Reporting, GA, Roundtables
- Annual meetings: Continue with support from you and your existing network and new members

Plan for Resilience post 2018

- Core Group deliberations
- End result Business Case to FIG Council and Partners

2015- We agreed



- **Co-chairs:** Member Association and Young Surveyors Network Africa
- **Broad Theme:** Futures and diversity including mentoring
- **Time & Place:** November in West or East

2016 & 2017

We will Agree through our communication channels

- **Broad Themes**
- **Partners,**
- **Place:** Franco phone African nation, Botswana, Kenya Nigeria, South Africa,



Our Future Business Plan 2017- 22



Core Team

- To deliver by end 2017
- To operate on email &
- To seek input social media & at WW meets

Representation;

- Member Association
- YSN
- FGF
- Commissions

Keeping in Touch

- WWW.fig.net/tf/africa
 - Email alerts
- Chair: Dr D Dumashie
- ddd@dumashie.co.uk



African Task Force www.fig.net/tf/africa



FIG Task Force on Real Estate Market Study Report

Pekka Halme
May 21, 2015
Sofia



Next Steps

- Meeting on Wed, May 20
- What next:
 - Draft a work plan and first version of scope
 - Collect all existing information/data about the target region countries
 - Consider possible frameworks/methodologies
 - Confirm the members of the core group
 - Schedule a first meeting in August/September

FIG Task Force on FIG Commission Structure

Mikael Lilje, chair of the task force



Based on two proposals

Proposal from Geosuisse submitted 2014
regarding how commission chairs elect are elected

Proposal regarding Structural Improvements
submitted 2015 by

- Danish Association of Chartered Surveyors (Denmark)
- Finnish Association of Geodetic and Land Surveyors MIL (Finland)
- Norges Jordskiftekanidatforening, faglig gruppe av Tekna ([NJKE](#)) (Norway)
- Swedish professionals for the built environment



Task Force Members

- Mikael Lilje, chair of Task Force
- Brian Coutts
- Stephen Djaba
- Henning Elmstrøm
- Kate Fairlie
- Brent Jones
- Jürg Kaufmann
- Robert Sarib
- Rudolf Staiger
- Karl-Friedrich Thöne



The task force will ...

- evaluate the current commission structure and content.
- review the process regarding chairs-elect for commissions trying.
- present a proposal at the FWW in 2016 for discussions.





Task Force on: FIG Scientific Journal

Task Force session on Wednesday 20.5.2015 11:00-12:30

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

The forum agreed on the following points:

- The issue of publishing the high quality technical and policy papers in a peer-reviewed journal is very important to FIG in general and to its academic members in particular. The issue was thoroughly addressed.
- The Task Force should consider various alternatives of developing a high-level scientific publication. Proposals made:
 - foundation of a new FIG Journal;
 - cooperation with existing scientific journals for publishing special issues;
 - separate individual agreements between the various commissions and specific scientific journals;
 - a dedicated FIG mini-site for publishing high-level papers.
- There are topics within the FIG umbrella which are not covered by existing journals (e.g. land surveying)

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

- Investigating the establishment of an open-access journal is preferable.
 - Due to the expensive subscription fees of journal membership mechanism, scholars (mainly from developing regions) will not have access to published papers.
 - This will also encourage young scholars with limited means to publish in such open-access journal.
- We have difficulties with the current peer-review process of papers submitted to our annual events
 - many papers (62 for Sofia, more than 100 for 2014 congress) and not enough reviewers.
 - in addition, we still do not have enough high-level academic papers due to the fact that we are not in SCOPUS, as well as the level of the review process is not sufficient and hard to monitor.

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

- Selection of very high-level peer-reviewed papers from our annual events may serve as candidates for publication in scientific journals
 - revised versions based on widening and adding new materials to the papers.
- In 2009, the ACCO and few of the Council members discussed the issue of publishing a FIG scientific publication, and the discussion is documented.
 - The Task Force should take the summary of that discussion into consideration.
- It is important not to negatively affect the current peer-review process at our annual events.
- A cost/benefit analysis should be done by the Task Force.
- Our final target should be defined – improving the “brand name” of FIG or motivate academic members in FIG (and preferably – achieve both).

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

- Medium-term and long-term targets should be defined.
- A substantial time will be required from the individuals involved in the process (chief editor, members of the editorial board, reviewers, etc.).
- Adding a new journal to the indexed databases (SCOPUS, ISI, others) is not an immediate process – but still should be considered since it will encourage academic scholars, mainly young, to publish their research work, together with attracting scholars who until now did not consider publishing in FIG events.

It was concluded that the issue is important to FIG and the recommendation of the one-year Task Force work should be presented and discussed at the 2016 GA in Christchurch.

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria

Proposed Work Programme

- 05/2015 – the TF is presented at the FIGWW'2015 GA
- 06-12/2015 – relevant data to be collected, discussions among the TF members via emails
- 01-02/2016 – optional - face to face meeting of the TF members (probably at a council meeting)
- 02-03/2016 – preparing of final report and recommendations
- 03/2016 – FIG council decision on the report
- 05/2016 – the report and recommendations to be presented at the GA in Christchurch for discussion

FIG 38th General Assembly 2015

17–21 May 2015, Sofia, Bulgaria



General Assembly and Congress of The
International Federation of Surveyors (**FIG**)
6-11 May 2018, ISTANBUL

IF THE EARTH WAS A SINGLE STATE
ISTANBUL
WOULD BE ITS CAPITAL

Napoleon BONAPART





this time
istanbul



FIG
2018
ISTANBUL

General Assembly and Congress of The
 International Federation of Surveyors (**FIG**)
6-11 May 2018, ISTANBUL




General Assembly and Congress of The
 International Federation of Surveyors (**FIG**)
6-11 May 2018, ISTANBUL

Capital	:	Ankara
Largest City	:	Istanbul
Area	:	783,562 km ²
Population	:	77,695,904
Population increase ratio	:	%1,8
	:	81 Provinces





this time
istanbul

FIG 2018 ISTANBUL

General Assembly and Congress of The International Federation of Surveyors (FIG) 6-11 May 2018, ISTANBUL

EASILY ACCESSIBLE FROM ALL AROUND THE WORLD
2 INTERNATIONAL AIRPORTS

the european side **Atatürk international airport**



the asian side **Sabiha Gökçen international airport**



VISAS e-Visas to be obtained upon arrival
serves **+300** airline companies
750 aircraft daily

a MODERN AIRPORT Equipped with every facility
82.000 passengers daily
900-950 arrivals & departures daily

Istanbul's new gateway to the world!
142 check-in kiosks
3 lounges & CIP halls
Min. Duration MAX. Service Ideal Price

NEWEST international airport
50 world's fastest growing airport in 2009 & 2010
VIP building

3RD AIRPORT WILL BE READY IN 2018

FIG  this time **istanbul**

FIG 2018 ISTANBUL

General Assembly and Congress of The International Federation of Surveyors (FIG) 6-11 May 2018, ISTANBUL

NO VISA PROBLEM

71 countries do not require a visa
41 countries can purchase a visa at the border OR e-Visa

For African Members we will take special visa issues.



<http://www.mfa.gov.tr>

FIG 2018 ISTANBUL

FIG 2018 ISTANBUL

General Assembly and Congress of The International Federation of Surveyors (FIG)
6-11 May 2018, ISTANBUL

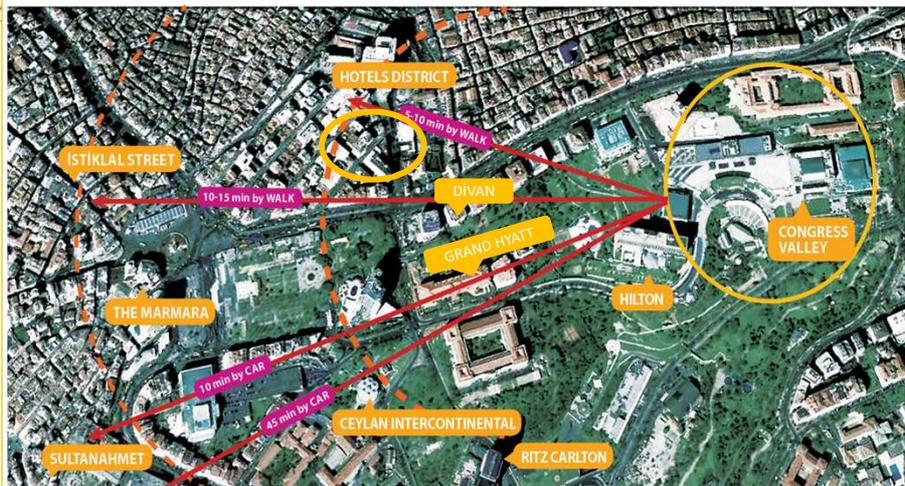
- Turkish Chamber of Survey and Cadastre Engineers founded in 1954
- Has been a member of FIG since 1969
- The Chamber headquarters is located in Ankara
- Connecting 10 branches and 150 provincial representations in Turkey
- Covers all FIG commissions
- And has appointed a delegate to each commission.

1954

FIG  this time istanbul

FIG 2018 ISTANBUL

General Assembly and Congress of The International Federation of Surveyors (FIG)
6-11 May 2018, ISTANBUL



You will experience the heart of Istanbul



FIG 2018 ISTANBUL

General Assembly and Congress of The International Federation of Surveyors (FIG) 6-11 May 2018, ISTANBUL

Istanbul Congress Center (ICC)

- 7 Floor
- 90 Different Types of ROOMS
- 5000 pax AMPHI THEATER
- 51 Thousand EXHIBITION AREA
- 111 Thousand sqm AREA INNER SIDE
- TOTAL 1.888,531 sqm AREA With Surrounding Facilities

Logos: FIG, Istanbul 2015, this time istanbul

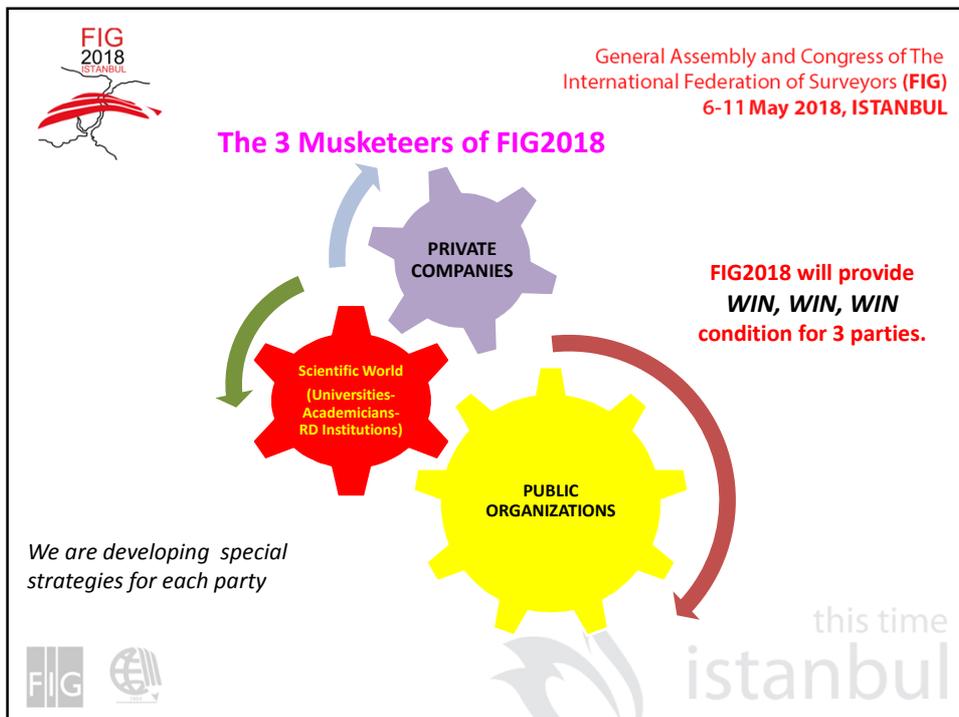
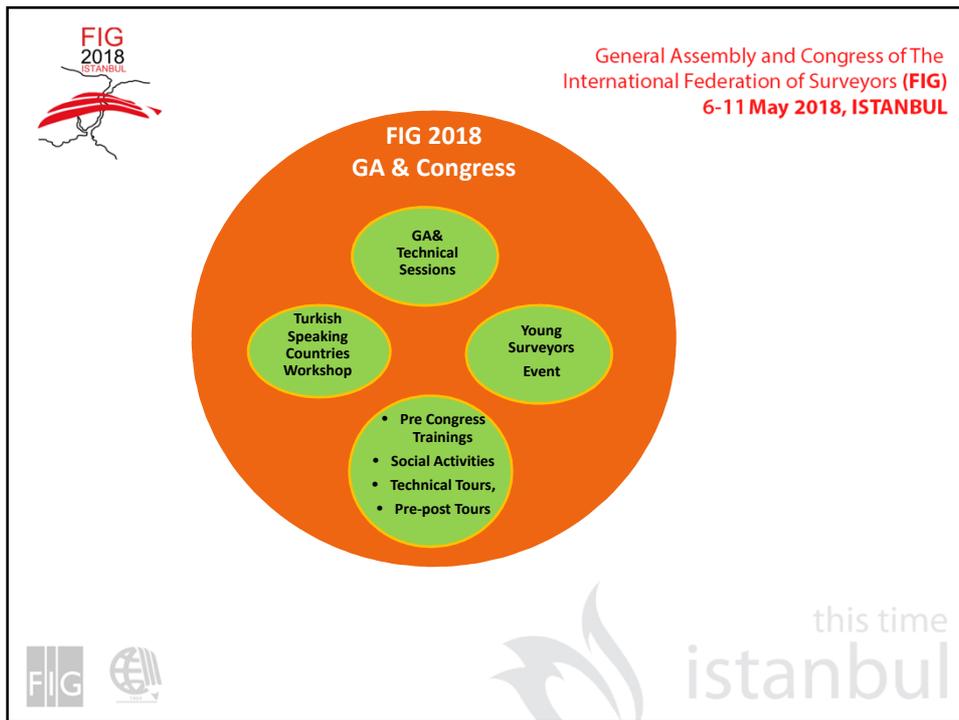


FIG 2018 ISTANBUL

WHAT WE HAVE DONE UNTIL NOW! General Assembly and Congress of The International Federation of Surveyors (FIG) 6-11 May 2018, ISTANBUL

With FIG:

- Meeting & Istanbul Site Visit *September 2014*
- Kick off meeting in Athens *January 2015*

Work plan, budget, splits of responsibilities, congress venue, motto, objective of Istanbul declaration, social activities etc..

With Public:

- Meeting with Director Generals/Deputies of Public Organizations and Department heads of Universities *February 2015*
- Interministries Board of Mapping Affairs *April 2015*
- World Cadaster Summit *April 2015*
- 15th Surveying Scientific and Technical Congress *March 2015*

With Universities:

- Selçuk University Meeting *March 2015*
- Karadeniz Technical University Meeting *April 2015*
- Kayseri University **Young Surveyors Day** *May 2015*

we started to organize meetings with the main actors of these 3 sectors.

FIG  **this time istanbul**

FIG 2018 ISTANBUL

General Assembly and Congress of The International Federation of Surveyors (FIG) 6-11 May 2018, ISTANBUL

Organizational:

- Local Organizing Committee Established *February 2015*
- Congress Company Selected (PCO) *April 2015*

Published:

- Mapping Magazine FIG Special Edition was published *January 2015*

WE ARE GOING TO BE IN SOCIAL MEDIA SOON

Harita Bülteni 

FIG  **this time istanbul**



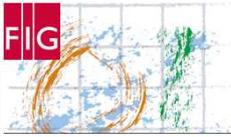
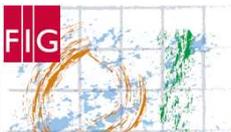


FIG Working Week 2017 Helsinki, Finland

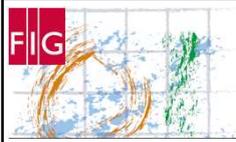
Pekka Halme
Local Organizing Committee
Sofia
May 21, 2015



Helsinki

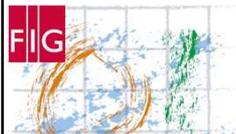
- Founded 1550
- Population
 - Helsinki 625 000
 - Capital Region 1,2 Million
- Location
 - 60° 10' 15" N, 24° 56' 15" E





Finland

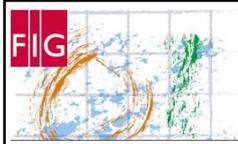
- Population: 5,5 Million (18,0/km²)
- Area: 338 000 km²
- Currency: Euro
- Official languages: Finnish, Swedish
 - English widely spoken



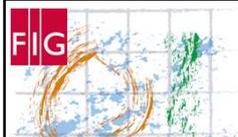
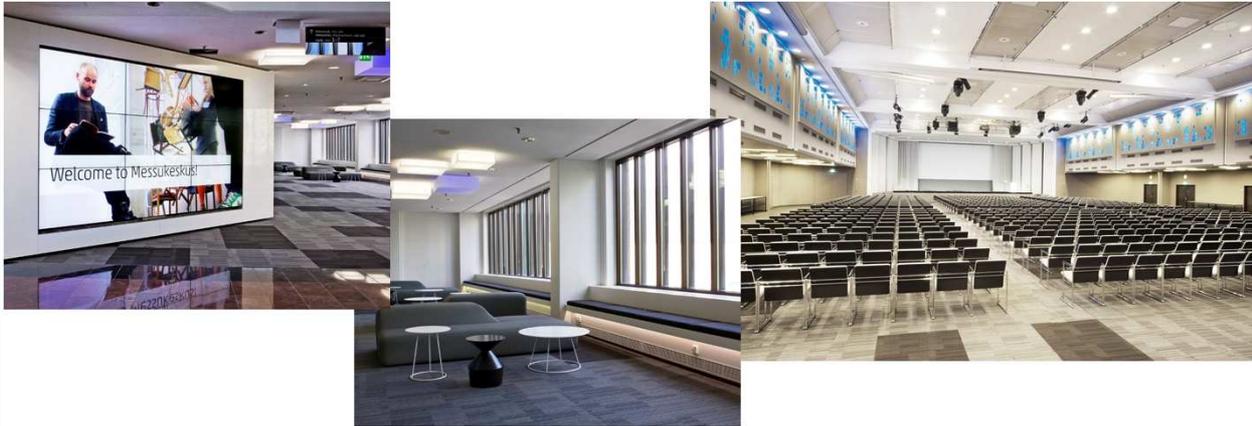
Helsinki, 29 May – 2 June, 2017

- Messukeskus Helsinki, Expo and Convention Centre
 - Owned by the Finnish Fair Corporation
 - Total area 113,700 m², gross exhibition area 57,700 m²
 - 40 meeting rooms, 13 conference rooms in the halls
 - Largest auditorium 4,373 seats
 - A four-star hotel with 244 rooms, 4 saunas and a gym
 - Situated 4 km from the city centre, 16 km from the airport
 - Easy access to and from the city centre by local trains (5 min)





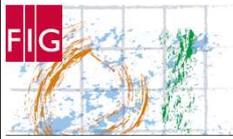
Messukeskus Interior



Accommodation

- Congress hotel next to the venue
- Block reservation in various hotels within 3 km distance
 - 800 rooms
- Good public transportation system





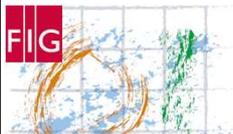
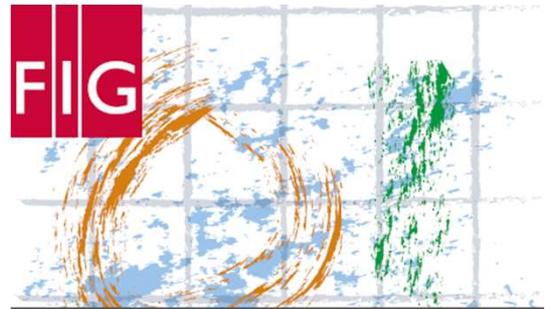
The Logo

Illustrates the theme "Surveying the world of tomorrow - From digitalisation to augmented reality".

Blue, green, orange, and white symbolise the Finnish nature, its lakes, forests, midnight sun, and snow.

Elements are drawn with brush strokes which together with the colours and shapes create an association with the Finnish landscape paintings dating back to early 1900's.

The sun and the forest form a binary one and zero, symbols of digitalisation. This digitalisation is however so advanced that it is no more rectangular and mathematical but describes our analogue world in a way that is more subtle, adaptive, and precise and, thus, offers the people better services.



Situation Today

- LOC started working in late 2014
 - Agreement on responsibilities between the associations and the NLS
- FIG Manager visited Helsinki in March
- Lease agreement with Messukeskus signed in April 2, 2015
- Dinner venues agreed upon
- Work Plan drawn
- Work on the Working Week budget started





FIG **FIG WORKING WEEK 2017**
Surveying the world of tomorrow –
From digitalisation to augmented reality
May 29 - June 2 **Helsinki Finland**



Tervetuloa!
Welcome to Helsinki and Finland!



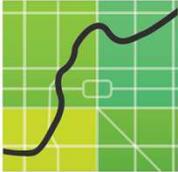


FIG Working Week
Christchurch
New Zealand
2-6 May 2016



NZIS

Jeff Needham
President
NZIS

Simon Ironside
Chairman
LOC FIG WW 2016

www.fig.net/fig2016



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



NZIS

- The FIG Working Week is being held in New Zealand
- This is a significant leadership opportunity for the surveying and spatial profession

www.fig.net/fig2016



THEME

Recovery from disaster

- Rescue
- Regenerate
- Rebound



www.fig.net/fig2016

REAL

- See first hand a city being regenerated
- Experience the unique character and people
- Understand the challenge



www.fig.net/fig2016

OPPORTUNITY

- See innovation in action
- Hear from experts at the forefront of recovery
- Understand global solutions
- Collaborate with your peers



Container shopping

www.fig.net/fig2016

SPECTACULAR

- Safe South Pacific country
- New Zealand offers a range of stunning scenery
- From adventure to relaxation, there's plenty to do



www.fig.net/fig2016

INVITATION

- Join us at FIG Working Week 2016
- This is a key event for our profession
- Learn more at www.fig.net/fig2016



www.fig.net/fig2016





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to the challenges of modern world"

FIG WORKING WEEK 2015

17-21 MAY SOFIA BULGARIA

Organised by:   CHAMBER OF GRADUATED SURVEYORS

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FIG WORKING WEEK 2015

17-21 MAY SOFIA BULGARIA

Statistics

16 May 3rd FIG YSs European Meeting
83 Young Surveyors

FIG WW 2015, 18-20 May
3 honorary Presidents
892 participants
68 countries
80 participants from Bulgaria
221 delegates from Nigeria – biggest representation
+ 92 accompanying persons




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FIG WORKING WEEK 2015
17-21 MAY SOFIA BULGARIA

Highlights

3 Plenary Sessions, 67 Technical Sessions,
6 Joint UN-Habitat GLTN & FIG sessions, 4 Joint UN-Habitat & FIG Workshops

FIG has a long-term commitment to support the global campaign for security of tenure for all and will endeavour to solve these land issues through partnerships



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Partnerships

FIG, as a recognised NGO, will work closely with the global family of UN organisations to

support solutions to the 21st century global challenges of climate change, food security, social justice, and urbanisation.

FIG has a long-term commitment to the global agenda.



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FIG WORKING WEEK 2015
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Partnerships

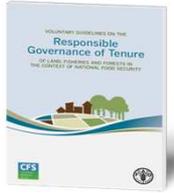


FIG will work with Member Associations to support the implementation of the VGGTs and the continuum of land rights at the country level.



Scalability of security of tenure solutions will involve the use of a network of grass root surveyors from the communities.



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FIG WORKING WEEK 2015
17-21 MAY SOFIA BULGARIA

Fit-For-Purpose solutions

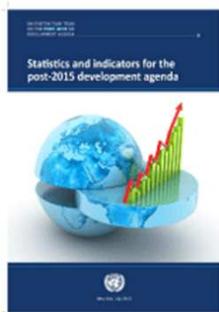


FIG will embrace and manage the change to encourage the use of innovative, scalable approaches to recording and securing land rights, including informal and customary rights.

This will include Fit-For-Purpose Land Administration and Property Valuation Solutions



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FIG WORKING WEEK 2015
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Partnerships

UN-GGIM is mandated, among other tasks, to

"provide a platform for the development of effective strategies on how to build and strengthen national capacity on geospatial information, as well as disseminating best practices and experiences of national, regional and international bodies on geospatial information related to legal instruments, management models and technical standards thus contributing to the establishment of spatial data infrastructures, while allowing for flexibility in the development of national geospatial activities"

FIG will work with UN-GGIM in its mandate to include Land Administration activities into the domain of global information management.



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FIG WORKING WEEK 2015
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Global Surveyors

FIG will create a new generation of

Global Surveyors

working at the local level, that are *aware of the global issues* and *contribute solutions* to the global agenda

FIG will identify continuously the new challenges



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FIG WORKING WEEK 2015
17-21 MAY SOFIA BULGARIA

Global Surveyors should be able to



Identify, initiate and foster research &
*develop a clear professional and scientific
vision*

FIG and its member associations should
facilitate excellence in research and
development and should promote the proper
use of appropriate technologies

FIG will ensure the wide international
circulation of the results of this research.



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FIG WORKING WEEK 2015
17-21 MAY SOFIA BULGARIA

Technological change: organize & enable research & education

**Getting small means
actually getting big!**

more sensors-big data

***Global Surveyors should be
capable to***

**communicate abstracted
information in an
understandable way**

Through the rapid advancement of
technology new application areas are
constantly opening up.

FIG will identify those at an early stage
and will ensure the involvement of our
profession

FIG will identify and contribute into the
modeling of the needs of the society
& will promote tools & methods that
will deliver the right information
tailored to the users' needs



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FIG WORKING WEEK 2015
17-21 MAY SOFIA BULGARIA

In a rapidly changing world FIG will support cooperation



support and maintain disciplinary and interdisciplinary interaction

seek cooperation with neighboring sciences/societies

Ensure the affordability of technical tools
Contribute to international property measurement standards (IPMS), international construction measurement standards (ICMS), etc

redefine continuously the profile of the Surveyor



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FIG WORKING WEEK 2015
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FIG Member Associations, academic members, Affiliates should



together facilitate education and knowledge transfer

promote the dissemination of geospatial knowledge by organizing seminars, Workshops, Tutorials, web-based events, Massive Open Online Course ...

communicate the vision of FIG to their members



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FIG WORKING WEEK 2015

17-21 MAY SOFIA BULGARIA

Agreement for

a 3 year agreement between FIG & the Chinese Society for Surveying, Mapping and Geoinformation for an intern program in the FIG Office as part of CSSMG's international exchange program



Photo with Dr Wang Qian,
Deputy Secretary General



FIG Congress 2018



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FIG WORKING WEEK 2015

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Worked & Enjoyed, met old friends & made new ones!



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FIG WORKING WEEK 2015
17-21 MAY SOFIA BULGARIA

See you all in Christchurch



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