

2010 IEEE Region 10 Meeting

Chapter Management

27th & 28th February 2010
Cebu, Republic of Philippines

Deepak Mathur

IEEE Region 10 Chapter Coordinator

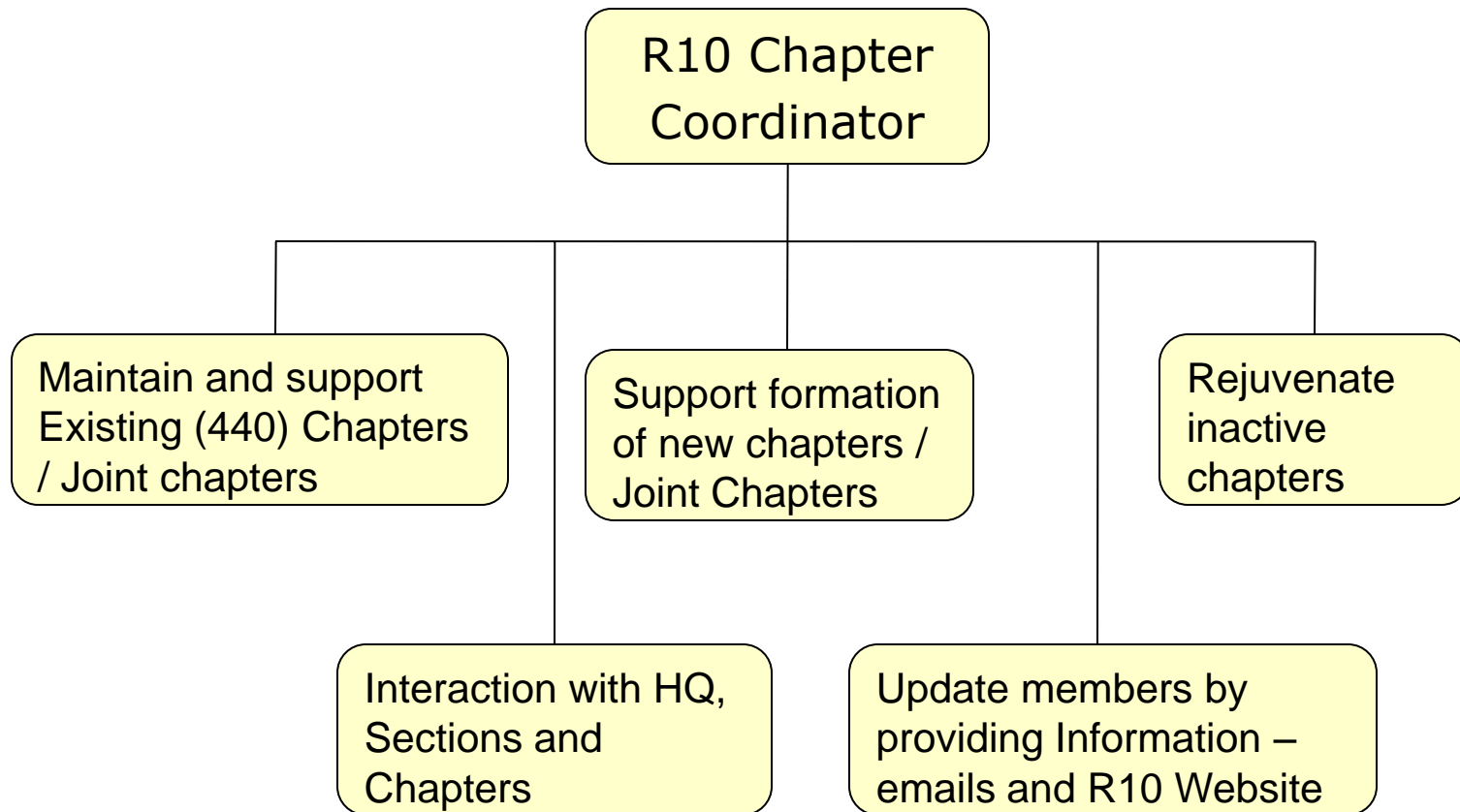
What we get by forming a Technical Society Chapter in a Section ?

- **Caters Professional and Technical needs of members in the section.**
- **Provides sustained growth in IEEE membership.**
- **Makes available more funds and programs for members.**
- **Provides Leadership opportunity.**

Topics

- Information on Chapters, Societies & Councils
- Chapter formation details and requirement
- Region 10 Chapters
- Expectation from Section

Chapter Coordination



What is a Chapter?

Chapters are your local link to the valuable resources available from the IEEE and the 38 IEEE Technical Societies.

A Chapter is a technical subunit of one or more IEEE Sections.

Chapters provide Society members with valuable opportunities to network at a local level enabling their personal and professional growth.

Continued...

What is a Chapter?

A Chapter is a technical subunit of one or more Sections, or a Council, constituted by a minimum of twelve (12) members of a Society concerned to represent and fulfill the technical needs of the members who live/work in relatively close proximity.

What is a Society ?

A Society is a global unit that operates in a distinct technical area and provides a forum and community for the exchange of technical information among Members in the respective discipline and industries of Electrical and electronics engineering and related arts and sciences.

List of Technical Societies (Society Codes)

(There are total 38 Technical Societies)

- Aerospace and Electronic Systems (AES-10)
- Antennas & Propagation (AP-03)
- Broadcast Technology (BT-02)
- Circuits & Systems (CAS-04)
- Communications (COMM-19)
- Components, Packaging & Manufacturing Technology (CPMT-21)
- Computational Intelligence (CIS-11)
- Computer (COMP-16)
- Consumer Electronics (CE-08)
- Control Systems (CS-23)
- Dielectrics & Electrical Insulation (DEI-32)
- Education (E-25)
- Electromagnetic Compatibility (EMC-27)

List of Technical Societies (Society Codes)

- Electron Devices Society (ED-15)
- Engineering in Medicine & Biology (EMB-18)
- Geoscience & Remote Sensing (GRS-29)
- Industrial Electronics (IE-13)
- Industry Applications (IA-34)
- Information Theory (IT-12)
- Instrumentation & Measurement (IM-09)
- Intelligent Transportation Systems (ITSS-38)
- Magnetics (MAG-33)
- Microwave Theory & Techniques (MTT-17)
- Nuclear & Plasma Sciences (NPS-05)
- Oceanic Engineering (OE-22)

List of Technical Societies (Society Codes)

- Photonics (Formerly LEOS) (PHOT-36)
- Power Electronics (PEL-35)
- Power & Energy (PE-31)
- Product Safety Engineering (PSE-43)
- Professional Communication (PC-26)
- Reliability (RL-07)
- Robotics and Automation (RA-24)
- Signal Processing Society (SP-01)
- Society on Social Implications of Technology (SIT-30)
- Solid-State Circuits (SSC-37)
- Systems, Man & Cybernetics (SMC-28)
- Ultrasonics, Ferroelectrics & Frequency Control (UFFC -12)
- Vehicular Technology Society (VT-06)

What is a Technical Council?

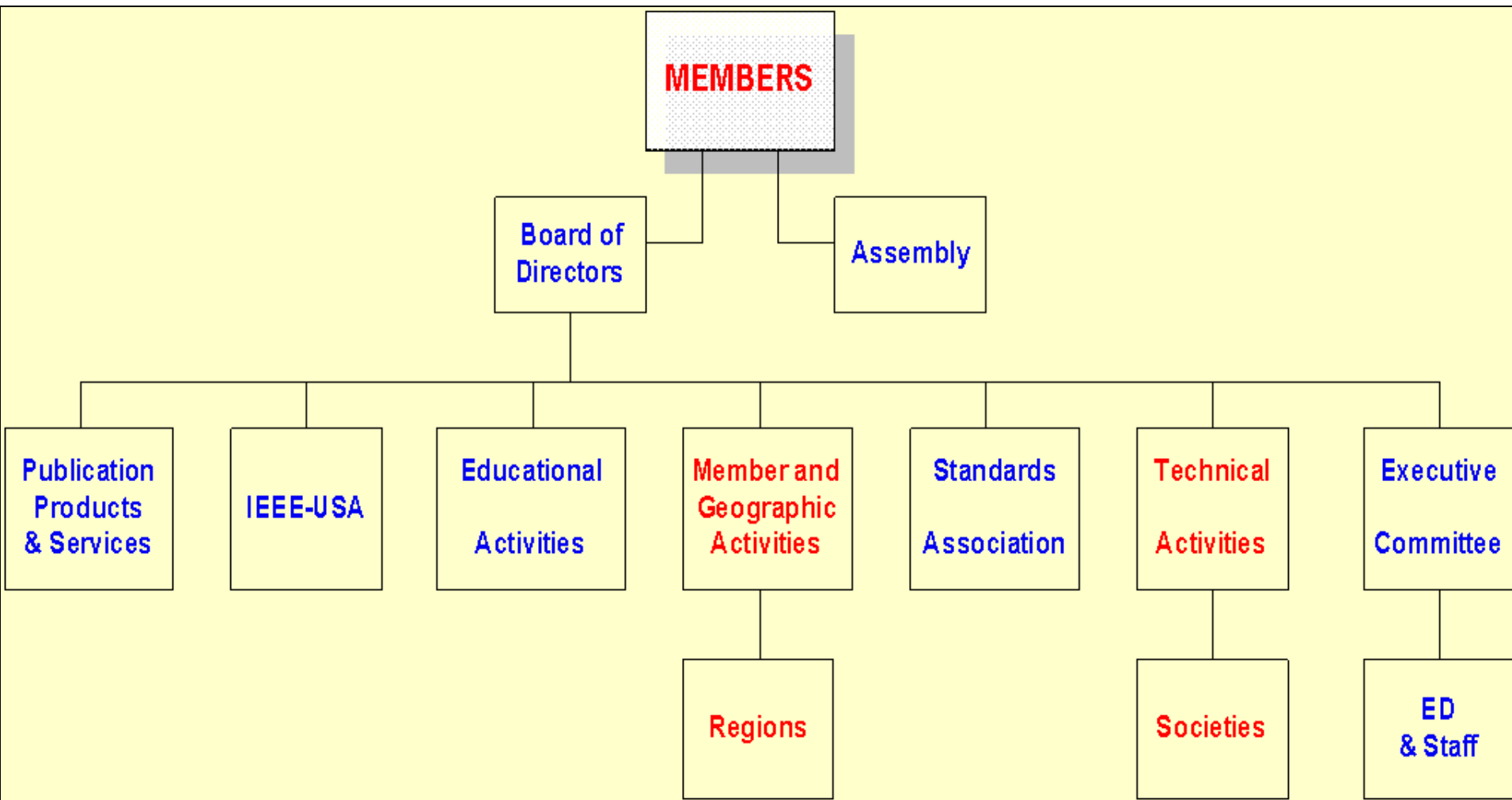
Technical Councils are groups of Societies working together in broad areas of technology. Councils sponsor activities which benefit individuals in all of the member Societies.

List of Technical Councils (Council Codes)

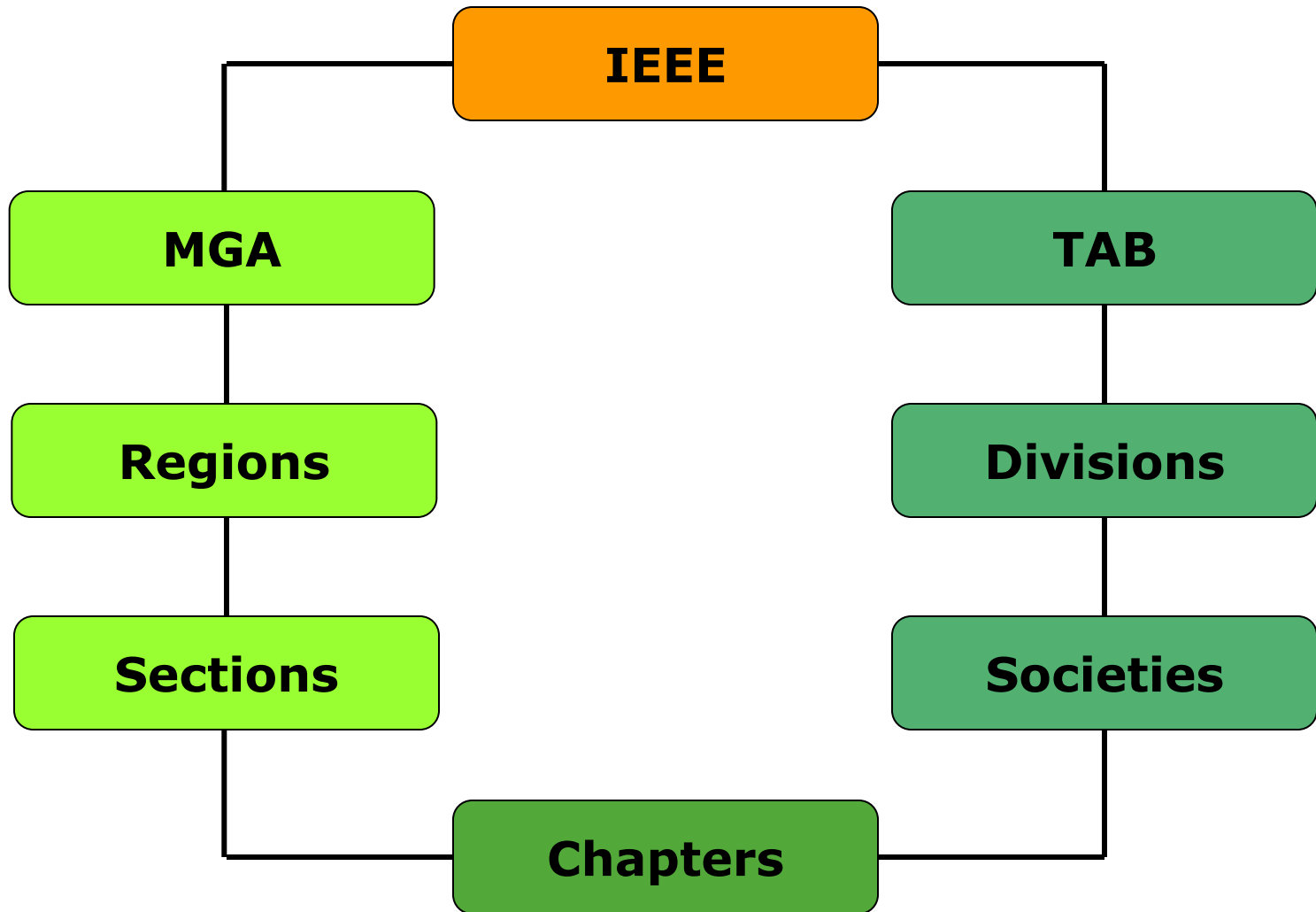
(There are total 7 Technical Councils)

- Biometric Council (BIO-46)
- Council on Electronic Design Automation (CEDA-44)
- Council on Superconductivity (CSC-41)
- Nanotechnology Council (NANO-42)
- Sensors Council (SEN-39)
- Systems Council (SysC-45)
- Technology Management Council (TM-14)

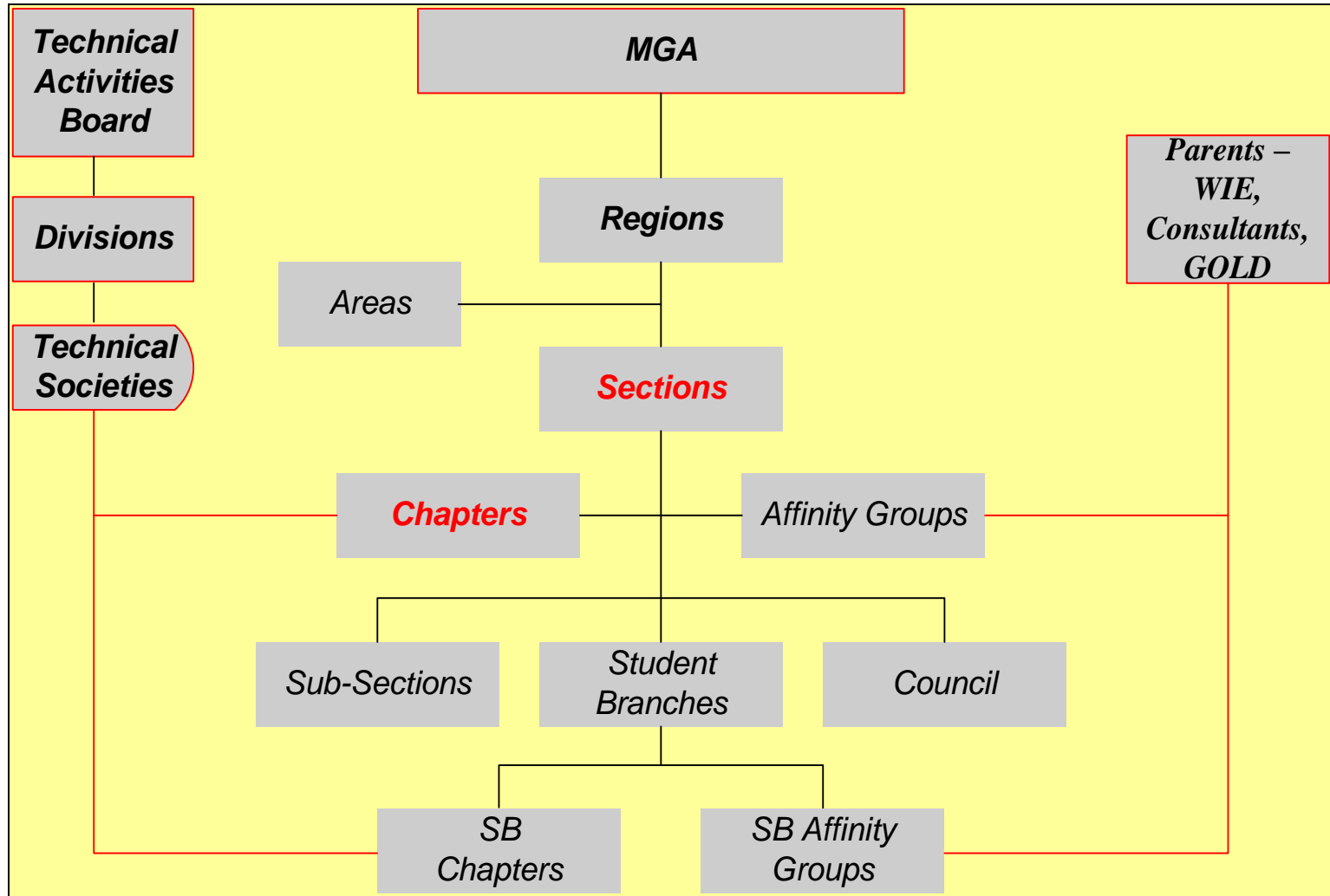
IEEE Organization



IEEE Organization

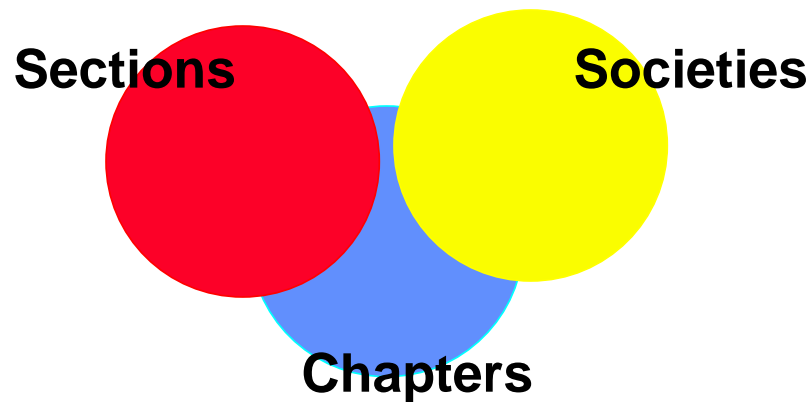


IEEE Organization



Chapters have two "Supports"

- The Section (primary responsibility for finance)
- The Society (support and technical activities)



Division I

Societies by Division

Circuits and Systems

Council on Electronic Design Automation;

Electron Devices Society

Nanotechnology Council;

Solid-State Circuits Society

Division II

Components, Packaging, and Manufacturing Technology Society;

Dielectrics and Electrical Insulation Society;

Industry Applications Society;

Instrumentation and Measurement Society;

Power Electronics Society;

Ultrasonics, Ferroelectrics and Frequency Control

Division III

Communications Society

Societies by Division

Division IV

Antennas and Propagation Society;
Broadcast Technology Society;
Consumer Electronics Society;
Electromagnetic Compatibility Society;
Magnetics Society;
Microwave Theory and Techniques Society;
Nuclear and Plasma Sciences Society;
Council on Superconductivity

Division V

Computer Society

Division VI

Societies by Division

Education Society;
Industrial Electronics Society;
Product Safety Engineering Society;
Professional Communication Society;
Reliability Society;
Society on Social Implications of Technology;
Technology Management Council

Division VII

Power & Energy Society

Division VIII

Computer Society

Division IX

Societies by Division

Aerospace and Electronic Systems Society;
Geoscience and Remote Sensing Society;
Information Theory Society;
Intelligent Transportation Systems Society;
Oceanic Engineering Society;
Signal Processing Society;
Vehicular Technology Society

Division X

Biometrics Council;
Computational Intelligence Society;
Control Systems Society;
Engineering in Medicine and Biology Society;
Photonics Society;
Robotics and Automation Society;
Sensors Council;
Systems, Man, and Cybernetics Society;
Systems Council

A Chapter..

Provides services to local members to

- Bring *information and knowledge*
- Be a Place for *Networking*
- Be a *Leadership Training* Ground
- Represent *members interest* at the Society

Chapter Formation Requirement

New Society Chapter

12 higher-grade members in the same society

New Joint Chapter

Joint Chapter in a section

12 higher-grade members in some related societies (minimum 3 for each society)

Joint Chapter of 2 or more contiguous Sections

12 higher-grade members in a society

Expand an existing Chapter

Chapter Formation Requirement

New Council Chapter

In case of a Technical Council Chapter a minimum of any twelve (12) IEEE members of Council Member Societies in the parent geographical unit shall be required to petition to the geographic unit and to the Technical Council.

Each petition to form a Technical Council Chapter will be signed by at least 12 individuals who are members of a Society which is a Member Society of the Technical Council.

Chapter Formation Requirement

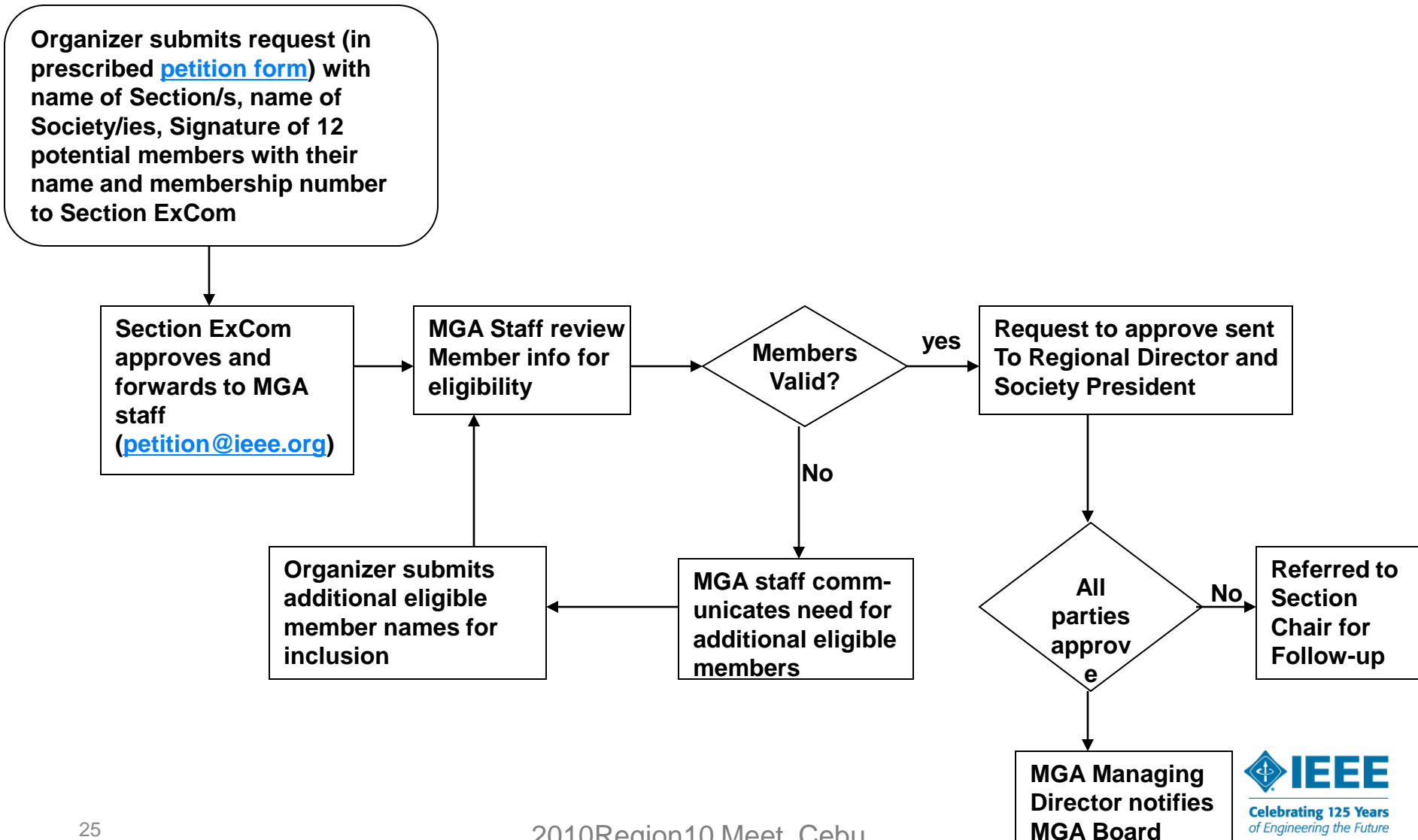
Who can sign a petition

IEEE members of following grades

- Graduate Student Member
- Member
- Senior Member
- Fellow

who belong to an IEEE Society and a Geographic unit

Chapter Formation Process



Active Chapters - Definition

Validity

- Minimum 10 Society Members in a year

Activities

- Minimum 2 technical meetings in a year

Reports

- Current Officer Report
- Financial Report
- Meeting Report

Definition of a meeting

If a meeting is reported more than once, and the date, location, type of meeting, and number of attendees are the same, it is considered one meeting and the duplicate meeting reports are deleted from the records.

Regardless of the length of a meeting, for reporting purposes, it is considered one meeting – If there are several speakers and topics, they would be considered 'sessions' of the same meeting.

To be considered separate meetings, the type of meeting, the location, and/or the number of attendees must vary. For example: if a Unit meeting begins at 9:00 AM and ends at 5:00 PM, even though there are several speakers and topics, it is considered one meeting.

Definition of a meeting

Occasionally, Section Meetings are followed by Chapter meetings, or are joint meetings of 1 or more subunits. In those instances, the meetings may be reported individually by the Section(s) and Chapter(s) and can be counted as a separate meeting for each of the subunits.

If a Unit Executive Committee holds an administrative meeting, followed by a general technical or non-technical meeting, the meetings can be reported individually and will be counted as two (2) separate meetings.

Section, Chapter, and Affinity Group meetings should be held within the geographic boundaries of the Section.

Financial Support

Section Rebate

Section

US\$2000 - Annual allowance

Membership Rebate

US\$3.00 - Member, Student or Associate grade

US\$1.50 - Affiliate

US\$4.00 - Senior or Fellow Grade member based on 31 December statistics.

Subsection Rebate

US \$500 for each Subsection

Chapter and Affinity Group Rebate

US\$200 for each Chapter and/or Affinity Group.

Financial Support

Section Rebate

Bonus for Timeliness

Sections whose reporting (financial, meeting and officer) is submitted by end of 3rd week of February every year, will receive a 10% bonus of the total rebate.

Activity Bonus

Sections reporting 10 meetings or more, at least 5 of which must be of a technical nature, receive an additional US\$200

Subsections reporting 10 meetings or more, at least 5 of which must be of a technical nature, receive an additional US\$100.

Chapters or Affinity Groups reporting 6 or more meetings of a technical nature receive an additional US\$75.

Financial Support

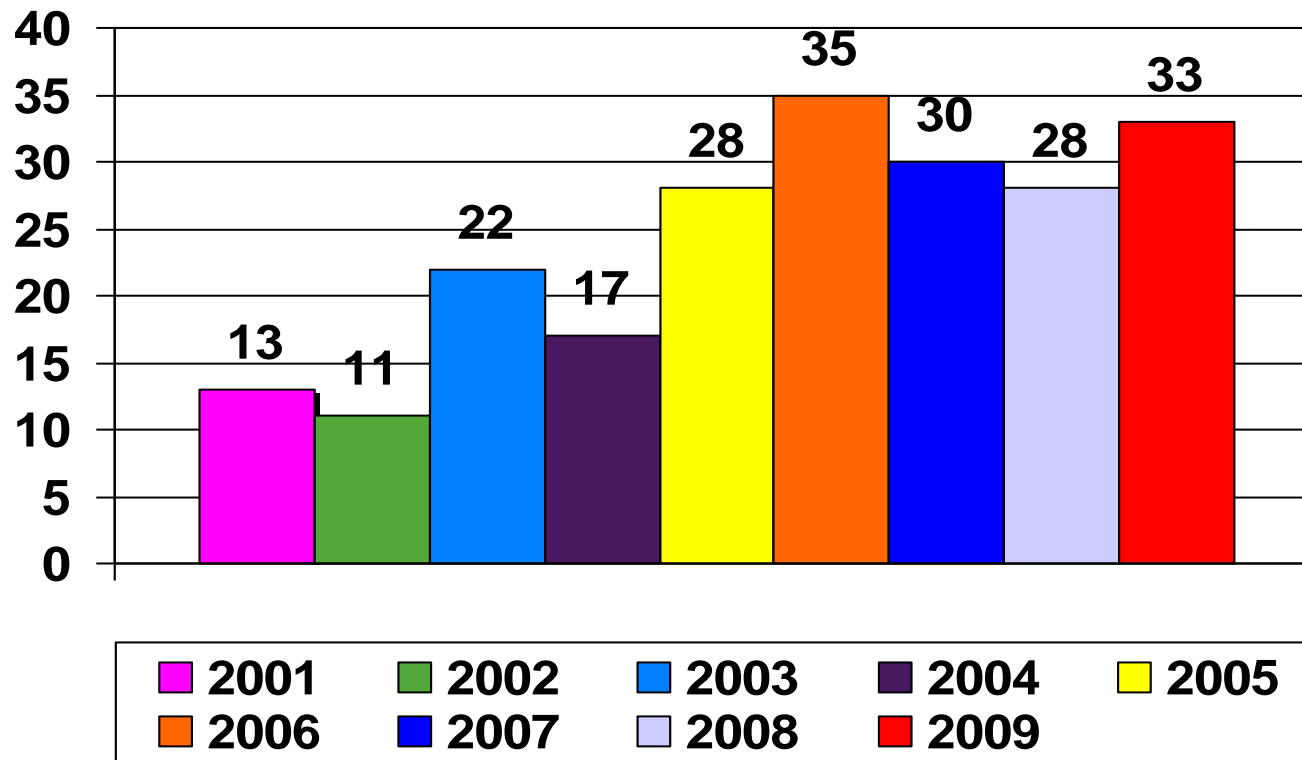
Many societies offer support (financial) in the following form

- Distinguished Lecture Travel Grant
- Awards and recognition
- Special projects
- Competition prize money
- Support for Conferences and Seminars

Societies provide these funding to its chapters based on their need and fund availability. For more details visit: <http://www.ieee.org/portal/pages/tab/cha/fund.html>.

A Chapter has to make a formal request for approval of the fund.

R10 Chapters Formation at a Glance



Chapters formed in 2009

January

Shanghai Section Chapter, MTT017

Nanjing Section Jt. Chapter, ED015/SSC037

February

Gujarat Section Jt. Chapter, AP003/MTT017

Hong Kong Section Chapter, MAG033

March

Taipei Section (Taichung) Chapter, SMC028

Harbin Section Chapter, E025

Gujarat Section Chapter, COM019

Continued...

Chapters formed in 2009

April

Beijing Section Chapter, CIS011
Hong Kong Section Chapter, PSE043
Tainan Section Chapter, NANO042
Hyderabad Section Jt. Chapter,
PE031/IA034/PEL035 (Re-organization)

May

Chengdu Section Chapter, VT006
Chengdu Section Chapter, IT012
Uttar Pradesh Section Jt. Chapter,
IE013/PEL035/CS023
Tainan Section Chapter, MTT017

Continued...



Chapters formed in 2009

June

Bangalore Section Jt. Chapter, AP03/MTT017

Bangalore Section Chapter, LEO036 (Photonics)

Seoul Section Chapter, NPS005

Macau Section Chapter, SSC037

New Zealand Central Section Jt Chapter,
COM019/SP001/IT012

August

Tainan Section Chapter, VT006

Taipei Section Chapter, IM009

Chapters formed in 2009

September

Harbin Section Chapter, CS023

Tainan Section Chapter, SMC028

October

India Council Chapter, MTT017

Gujarat Section Chapter, PE031

New Zealand North Section Jt. Chapter
PE31/PEL35 (Split)

New Zealand South Section Jt. Chapter
PE31/PEL35 (Split)

Chapters formed in 2009

December

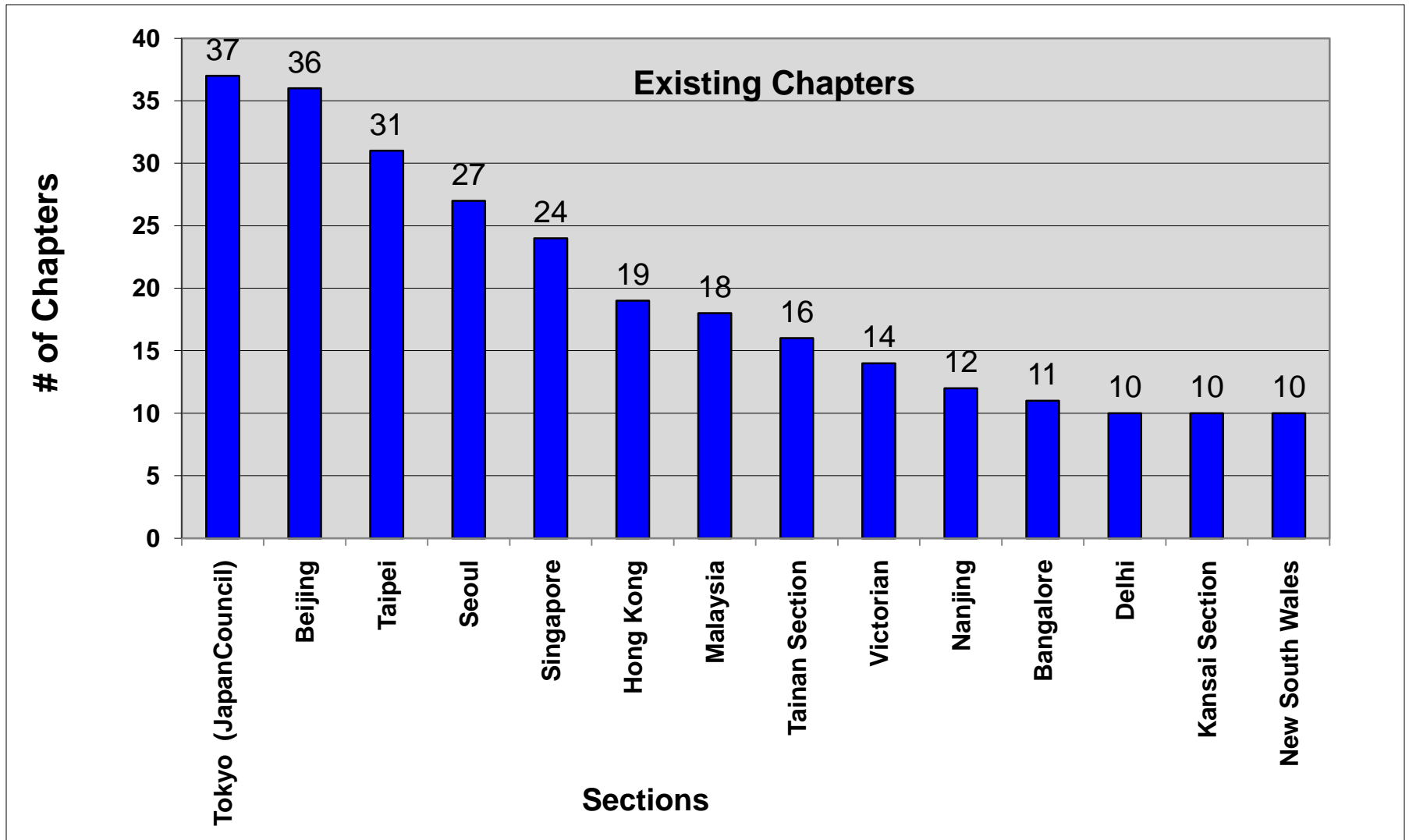
Wuhan Section Chapter, E025

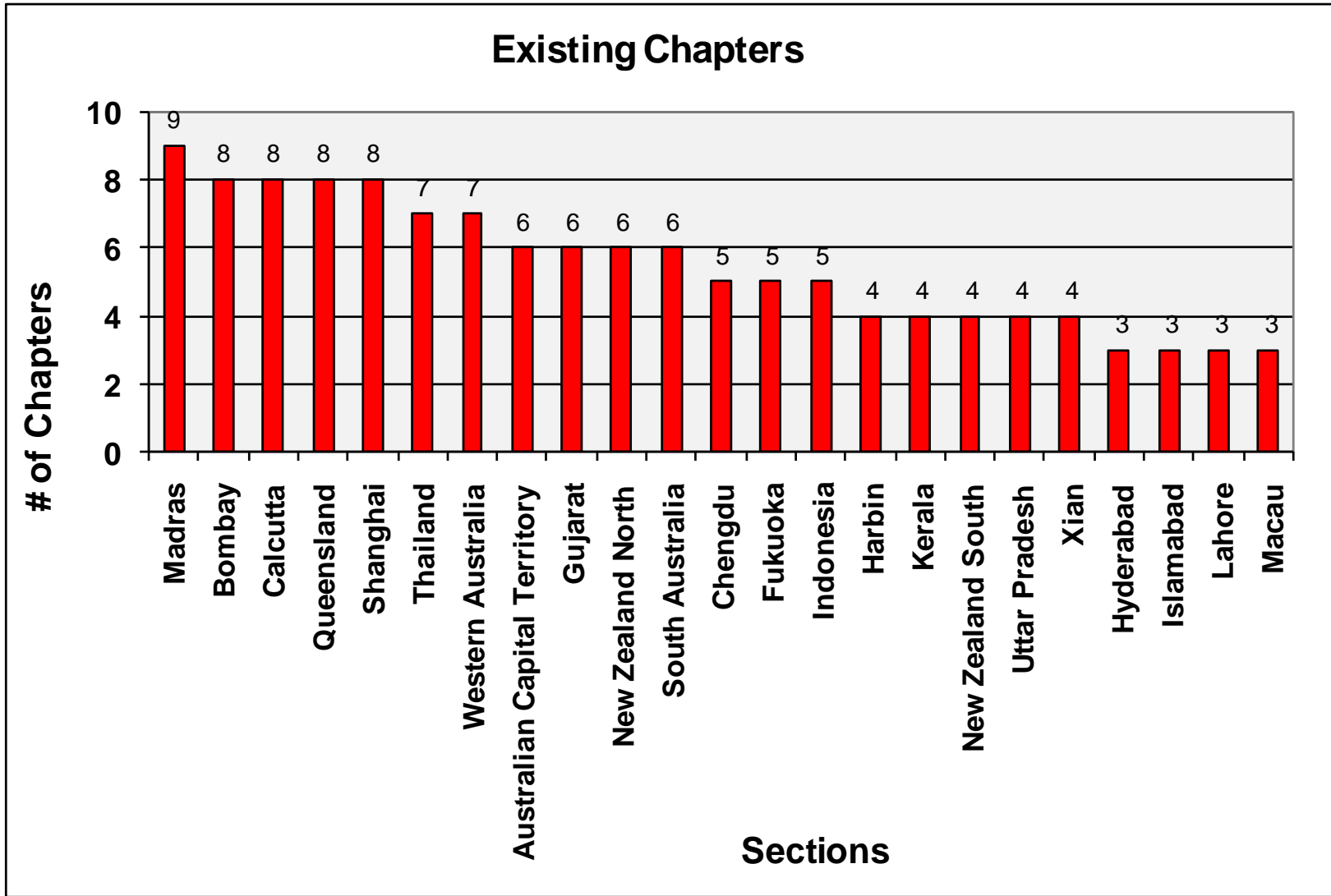
Beijing Section (Tianjin) Chapter, EMB018

Nanjing Section Chapter, MAG033

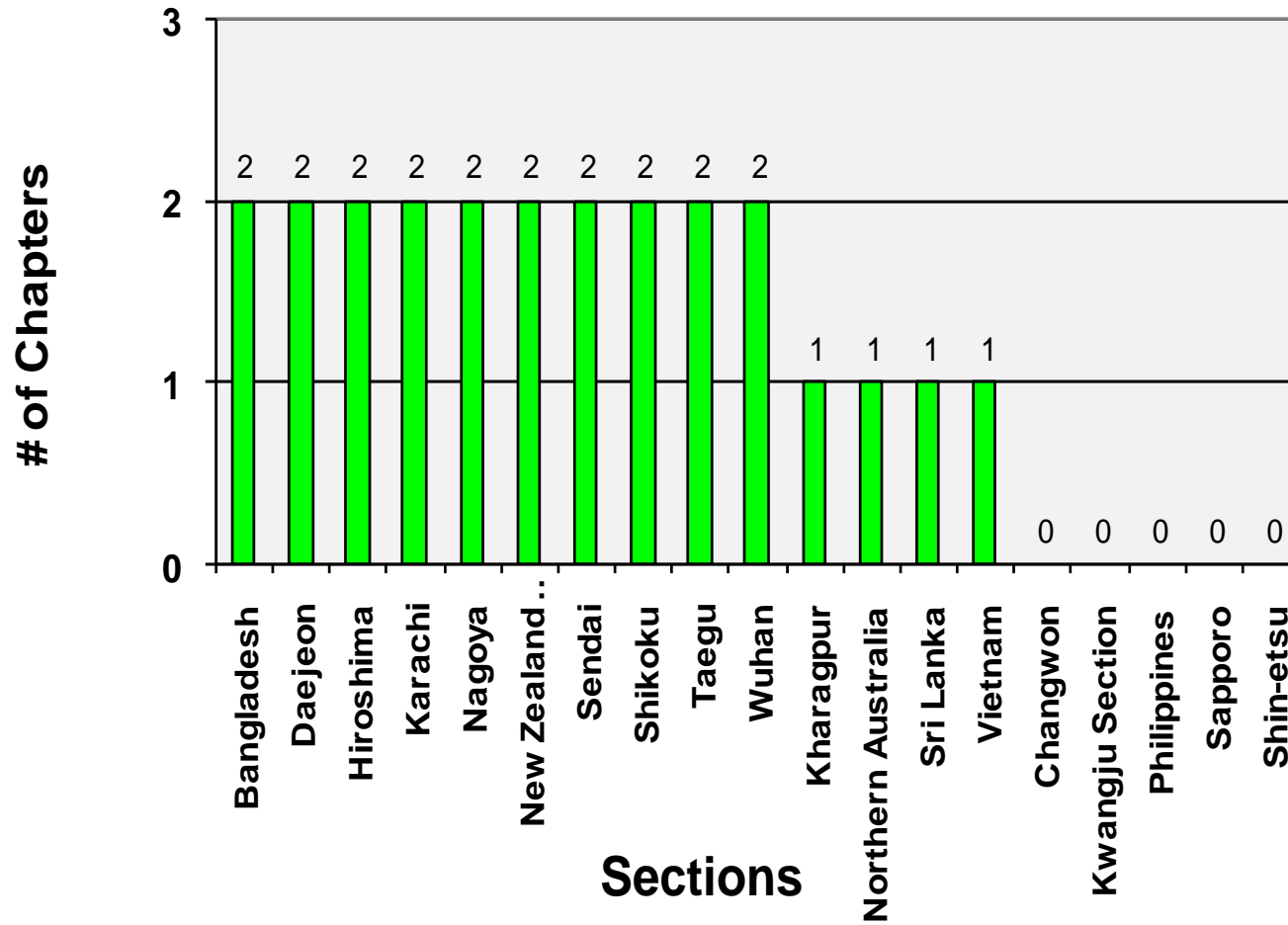
Tainan Section Chapter, IT012

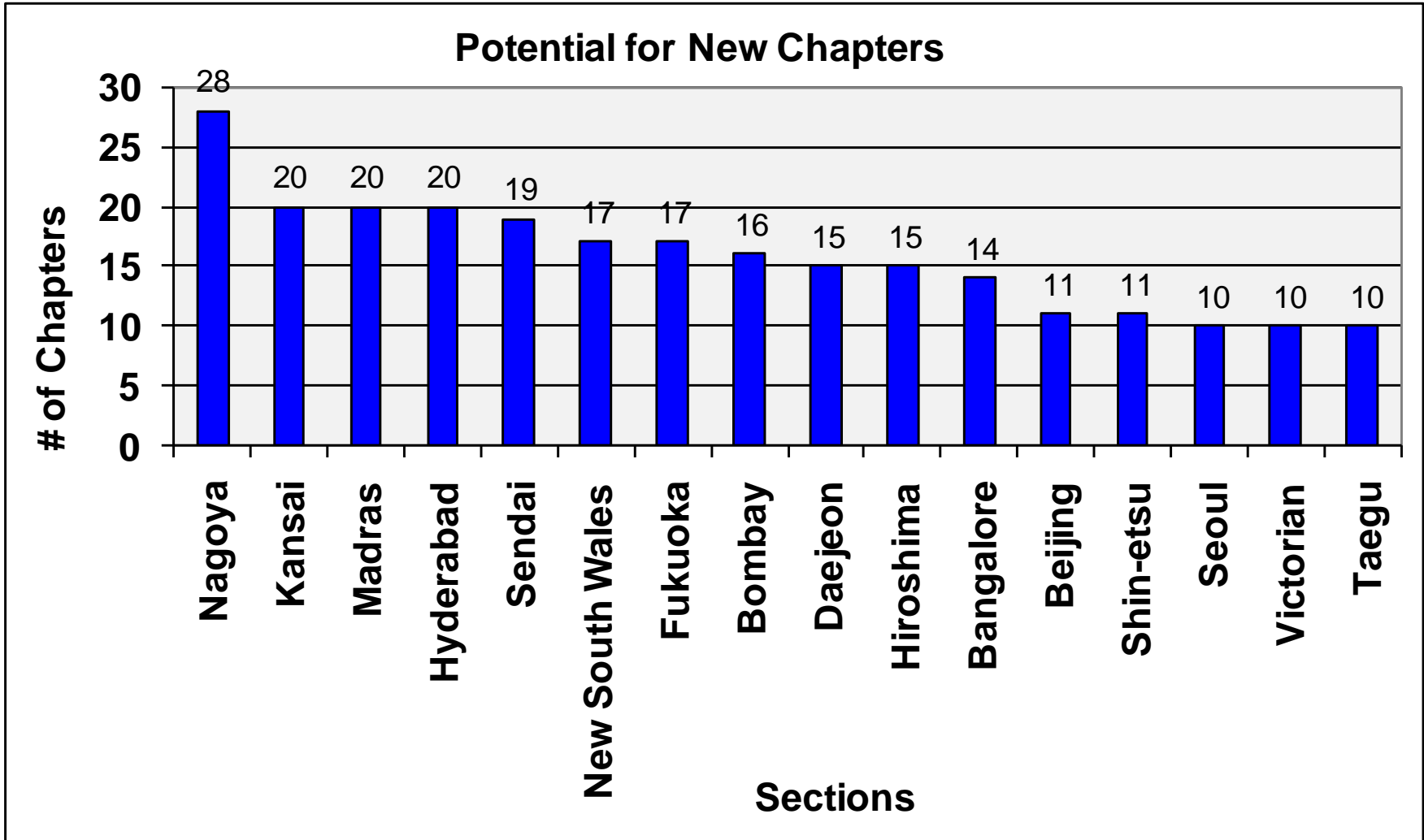
Beijing Section (Shenzhen) Chapter, IE013

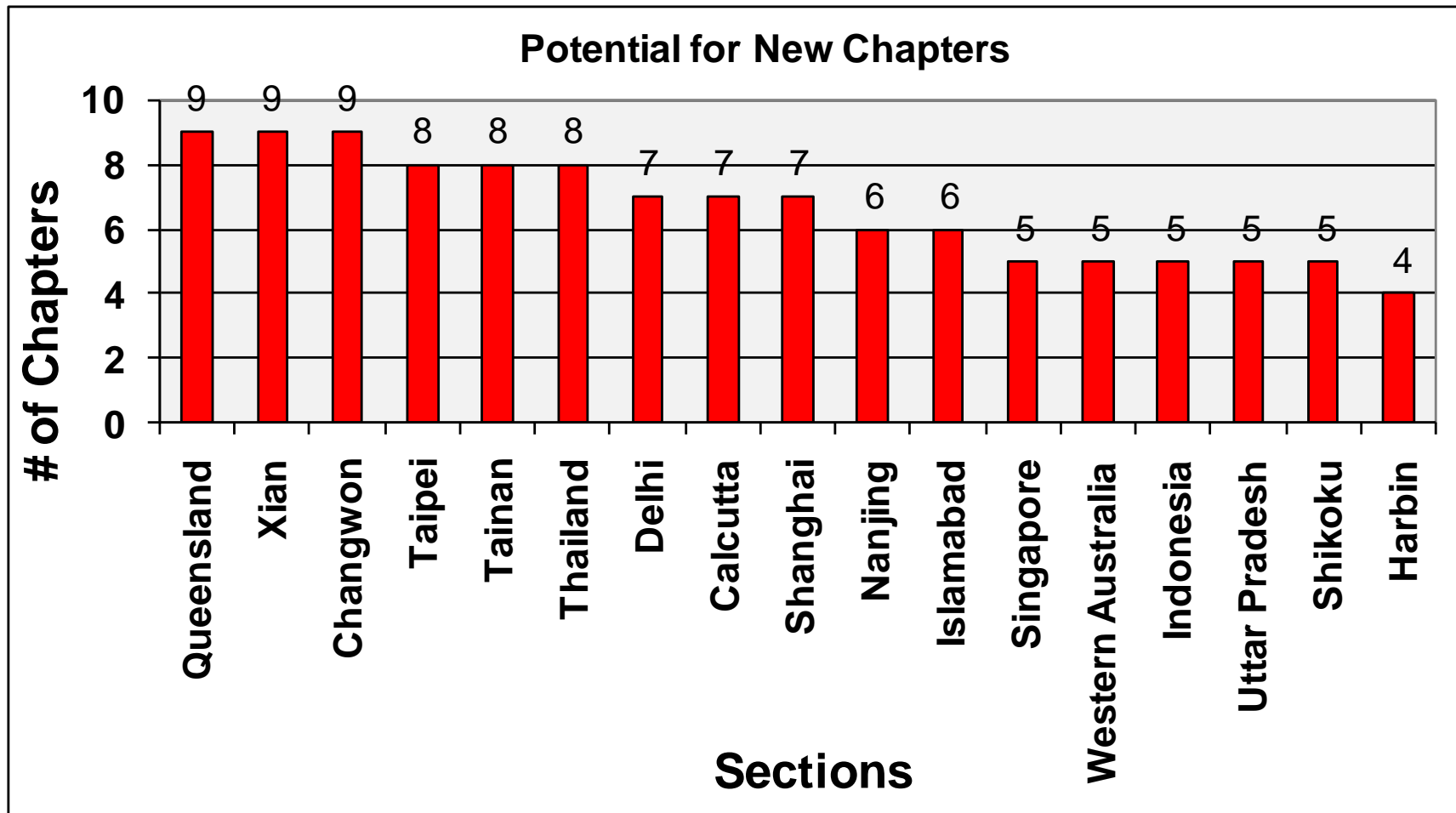




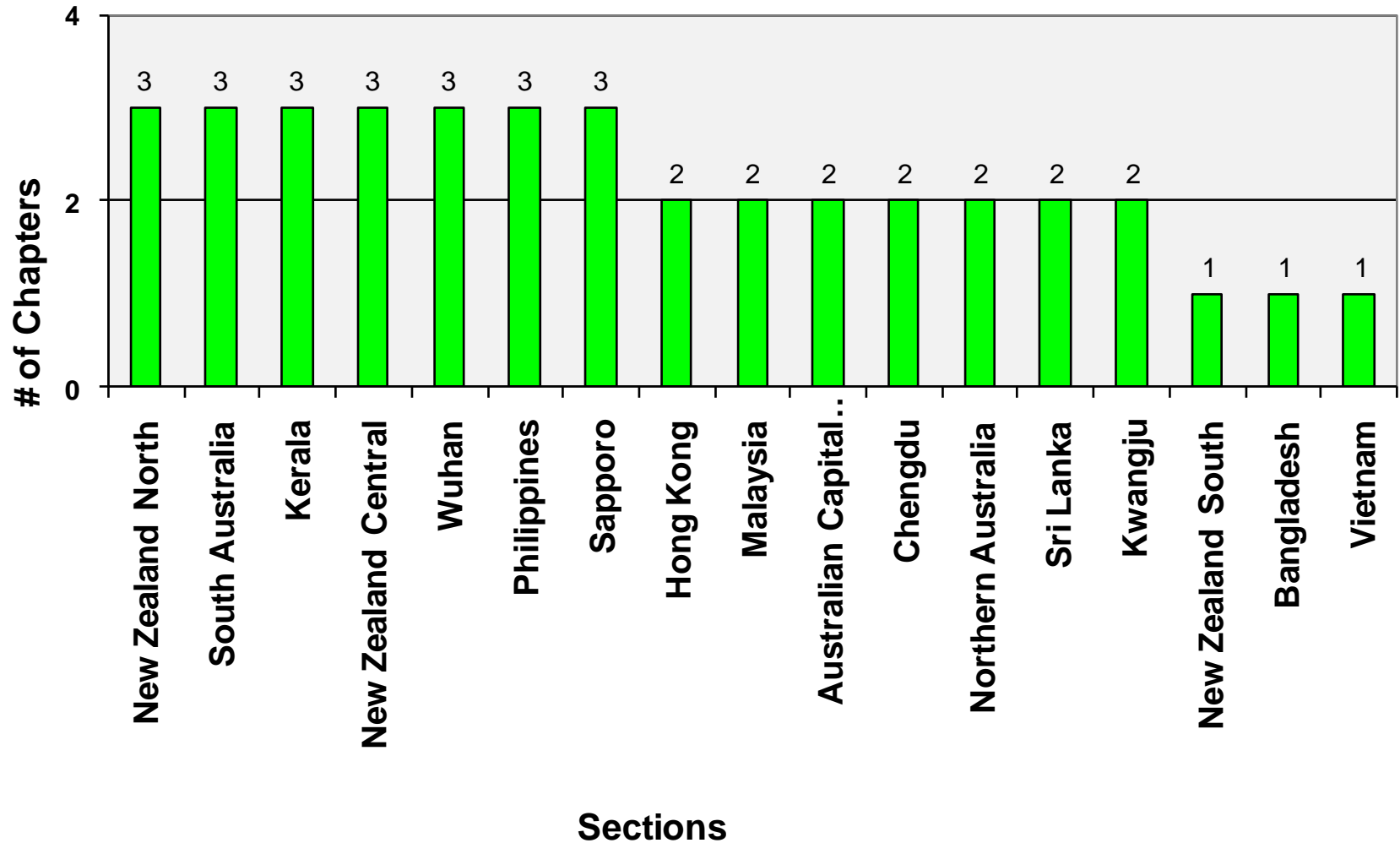
Existing Chapters



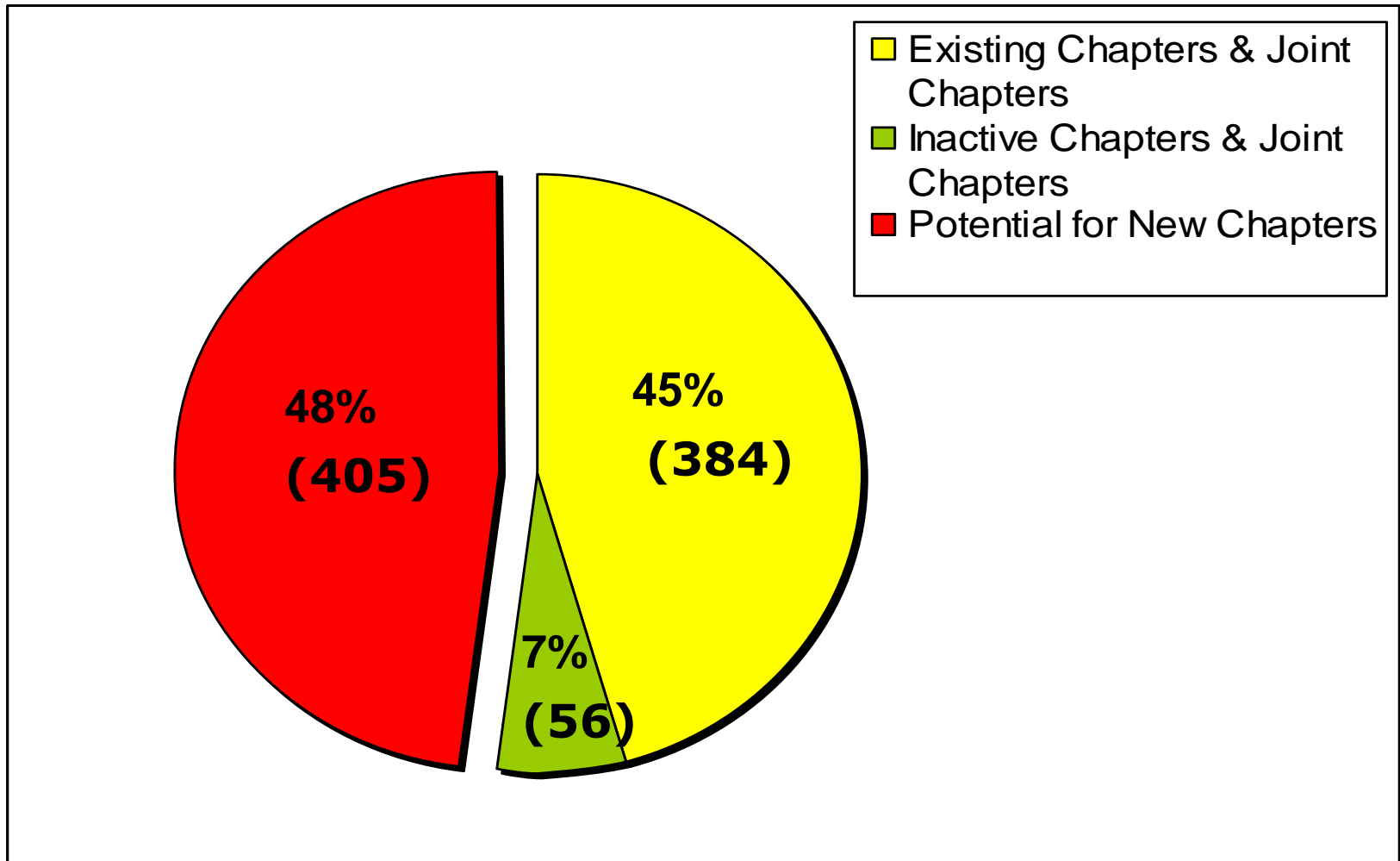




Potential for New Chapters



Region 10 Chapters – Potential for Growth



Let us make a Goal

Promote chapter activities in each Section by forming new chapters and strengthening the existing chapters.

This will result in increased technical activities and sustained growth in membership.

Sections should Plan to

- Identify potential societies for the formation of New chapters / joint chapters in the section.
- Identify and rejuvenate inactive chapters.

Important Information

Following information for each section have been prepared for the distribution to enable better chapter management.

- List of existing chapters
- List of existing joint chapters
- List of inactive chapters (if any)
- List of potential societies for new chapters

To make this happen we need an active **Chapter Promotion Volunteer** in Sections

- to interface with chapters and section chair.
- to promote new chapter/joint chapter in the section.
- to activate inactive chapters of the section.

IEEE society Chapter Homepage

<http://www.ieee.org/portal/pages/tab/cha/index.html>

Resource Links

Chapter Chair reference guide

http://www.ieee.org/portal/cms_docs/tab/cha/ccrefguide.pdf

Create a new chapter

<http://www.ieee.org/portal/pages/tab/cha/newchap.html>

Petition Form

http://www.ieee.org/portal/pages/iportals/geo_activities/units/forms_petitions/socchap_form.html

2009 Geographic Unit Rebate Schedule

http://www.ieee.org/web/geo_activities/units/Required_Reporting/rebateschedule.html

Distinguished Lecturer Program (includes a list of direct links to Society/Council program pages)

<http://www.ieee.org/portal/pages/tab/cha/lectweb2.html>

Continued...

Technical Society Abbreviations

Resource Links

http://www.ieee.org/web/geo_activities/units/Chapters/soc_abbrev.html

Section/Chapter Rejuvenation Strategies

http://www.ieee.org/web/geo_activities/units/pubs/Rejuv/index.html

L31 Reporting

<http://ewh.ieee.org/cgi-bin/l31/ReportForm.pl>

IEEE MGA Quick Start Training for Geographic Unit Leaders

http://www.ieee.org/web/geo_activities/units/officer_training/quick_start.html

MGA Operations Manual

<http://www.ieee.org/web/volunteers/mga/home/mga-opsman.html>

Society Chapter Funding Guide

<http://www.ieee.org/portal/pages/tab/cha/fund.html>

Thank you

Please send your inputs to –
deepakmathur@ieee.org

Council on Electronic Design Automation

(List of member societies)

1. Antennas & Propagation Society
2. Circuits & Systems Society
3. Computer Society
4. Electron Devices Society
5. Microwave Theory & Techniques Society
6. Solid-State Circuits Society

Council on Superconductivity

(List of member societies)

1. Communications Society
2. Components, Packaging, and Manufacturing Technology Society
3. Dielectrics and Electrical Insulation Society
4. Electron Devices Society
5. Instrumentation and Measurement Society
6. Magnetics Society
7. Microwave Theory and Techniques Society
8. Power Engineering Society Home
9. Reliability Society
10. Ultrasonics, Ferroelectrics and Frequency Control Society

Nanotechnology Council

(List of member societies)

1. Aerospace & Electronic System Society
2. Antennas & Propagation Society
3. Circuits & Systems Society
4. Communications Society
5. Components, Packaging, & Manufacturing Technology Society
6. Computational Intelligence Society
7. Computer Society
8. Control Systems Society
9. Electron Devices Society
10. Engineering in Medicine & Biology Society
11. Electromagnetic Compatibility Society
12. Industrial Electronics Society
13. Instrumentation & Measurement Society
14. Lasers & Electro-Optics Society
15. Magnetics Society
16. Microwave Theory & Techniques Society
17. Reliability Society
18. Solid State Circuits Society
19. Robotics & Automation Society
20. Systems, Man, & Cybernetics Society
21. Ultrasonics, Ferroelectrics, & Frequency Control Society

Sensors Council

(List of member societies)

1. Aerospace and Electronic Systems Society
2. Antennas and Propagation Society
3. Broadcast Technology Society
4. Circuits and Systems Society
5. Communications Society
6. Computer Society
7. Components Packaging, and Manufacturing Technology Society
8. Dielectrics and Electrical Insulation Society
9. Electromagnetic Compatibility Society
10. Electron Devices Society
11. Engineering in Medicine and Biology Society
12. Industrial Electronics Society
13. Industry Applications Society
14. Instrumentation and Measurement Society
15. Magnetics Society
16. Microwave Theory and Techniques Society
17. Nuclear and Plasma Sciences Society
18. Oceanic Engineering Society
19. Photonics Society
20. Power & Energy Society
21. Robotics & Automation Society
22. Signal Processing Society
23. Solid-State Circuits Society
24. Ultrasonics, Ferroelectrics, and Frequency Control Society
25. Vehicular Technology Society

Systems Council

(List of member societies)

Aerospace & Electronic Systems
Circuits And Systems
Communications
Computational Intelligence
Computer
Control Systems
Instrumentation & Measurement
Microwave Theory & Techniques
Oceanic Engineering
Power Electronics
Product Safety Engineering
Reliability
Robotics & Automation
Systems, Man & Cybernetics

Technology Management Council (List of member societies)

1. Broadcast Technology Society
2. Circuits & Systems Society
3. Communications Society
4. Computer Society
5. Electromagnetic Compatibility Society
6. Electron Devices Society
7. Industrial Electronics Society
8. Photonics Society
9. Professional Communication Society
10. Reliability Society
11. Signal Processing Society
12. Solid State Circuits Society
13. Systems Man and Cybernetics Society
14. Vehicular Technology Society