

Establishment of Network of Accreditation Bodies for Engineering Education in Asia (NABEEA)

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Chair of NABEEA

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1. Introduction

JABEE Symposium/Workshop (2006.12.15-16, Tokyo)

- A network among accreditation bodies in Asia was proposed and was approved.



- The first meeting of NABEEA was held on August 8, 2007 at Penang, Malaysia for the take-off of the Network.



■ Participants

Bangladesh-BAETE (Board of Accreditation for Engineering and Technical Education, Bangladesh);

Chinese Taipei-IEET (Institute of Engineering Education Taiwan),
CTAEMC (Chinese Taipei APEC Engineer Monitoring Committee);

Japan-JABEE (Japan Accreditation Board for Engineering Education),
IPEJ (The Institution of Professional Engineers, Japan);

Korea-ABEEK (Accreditation Board for Engineering Education of Korea);

Malaysia-EAC (Engineering Accreditation Council, MALAYSIA),
IEM (The Institution of Engineers, Malaysia);

Philippines-PTC (Philippine Technological Council),
PATE (Philippine Association for Technological Education);

Singapore-IES (The Institution of Engineers, Singapore);

Thailand- Council of Engineers, Thailand

8 Jurisdictions, 12 Organizations, 24 Persons

2. ORGANIZATION

2.1 Name of the Network

Network of Accreditation Bodies
for Engineering Education in Asia

NABEEA

2. 2 Membership Categories

Full member:

Accreditation bodies for engineering education

*Each jurisdiction has one vote

Associate member:

Engineering registration/ Licensing agencies in Asia

*No vote for associate member

Observer: Those interested in NABEEA

Geographic Area to be covered

Start with Asian region.

(Pacific and Middle East can be added later if necessary)

Member Admission

The meeting agreed on the following memberships of NABEEA.

If a new body would like to join NABEEA, they will apply to the Council then be approved at the General Meeting.

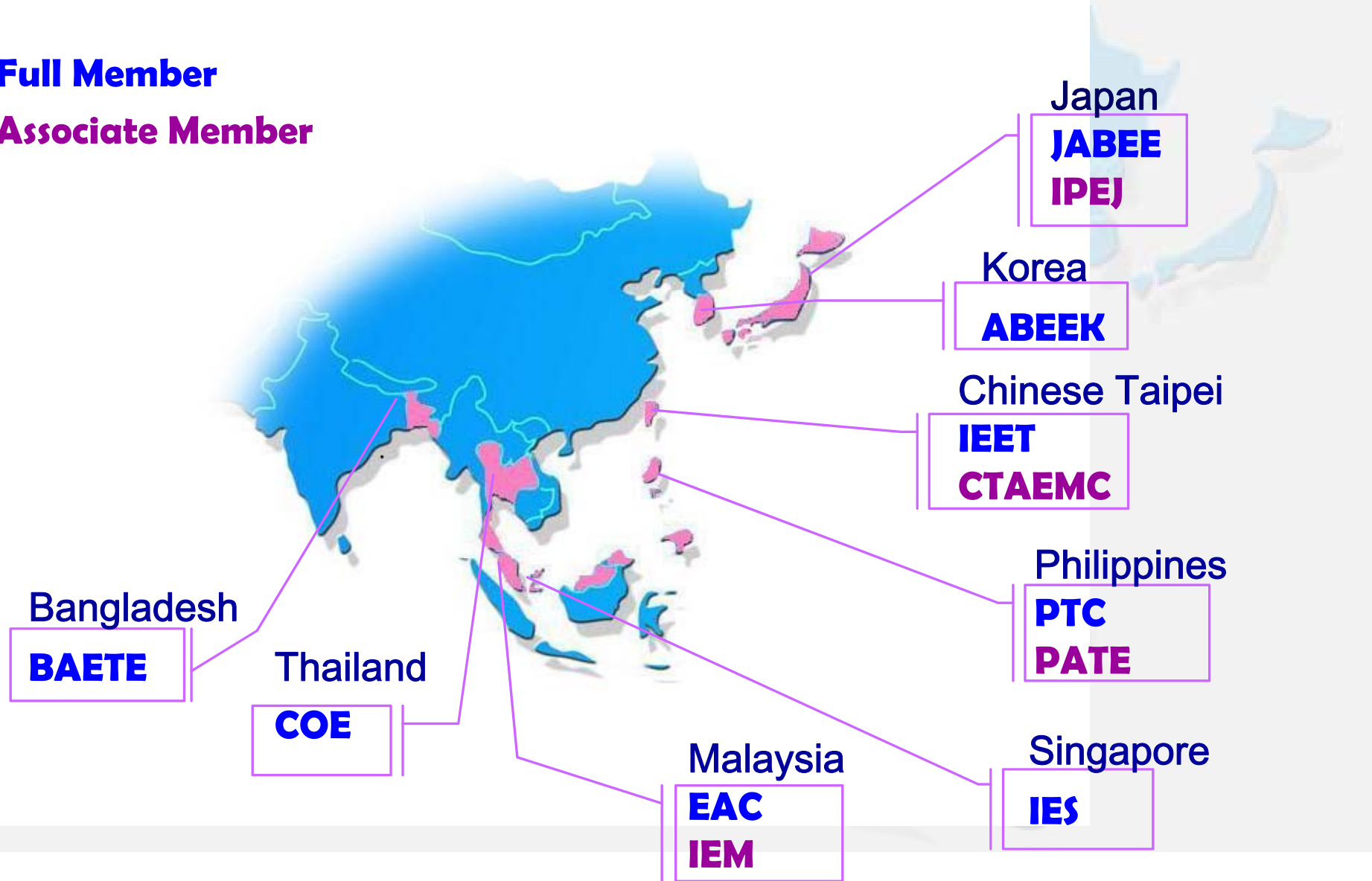
No.	Jurisdiction	Memberships	
		Full Member (*Council Member)	Associate Member
1.	Bangladesh	BAETE	(BPERB)
2.	Chinese Taipei	IEET*	CTAEMC
3.	Japan	JABEE*	IPEJ
4.	Korea	ABEEK *	(KPEA)
5.	Malaysia	EAC*	IEM
6.	Philippine	PTC	PATE
7.	Singapore	IES*	-
8.	Thailand	COE	-

Members of NABEEA

As of August 8, 2007

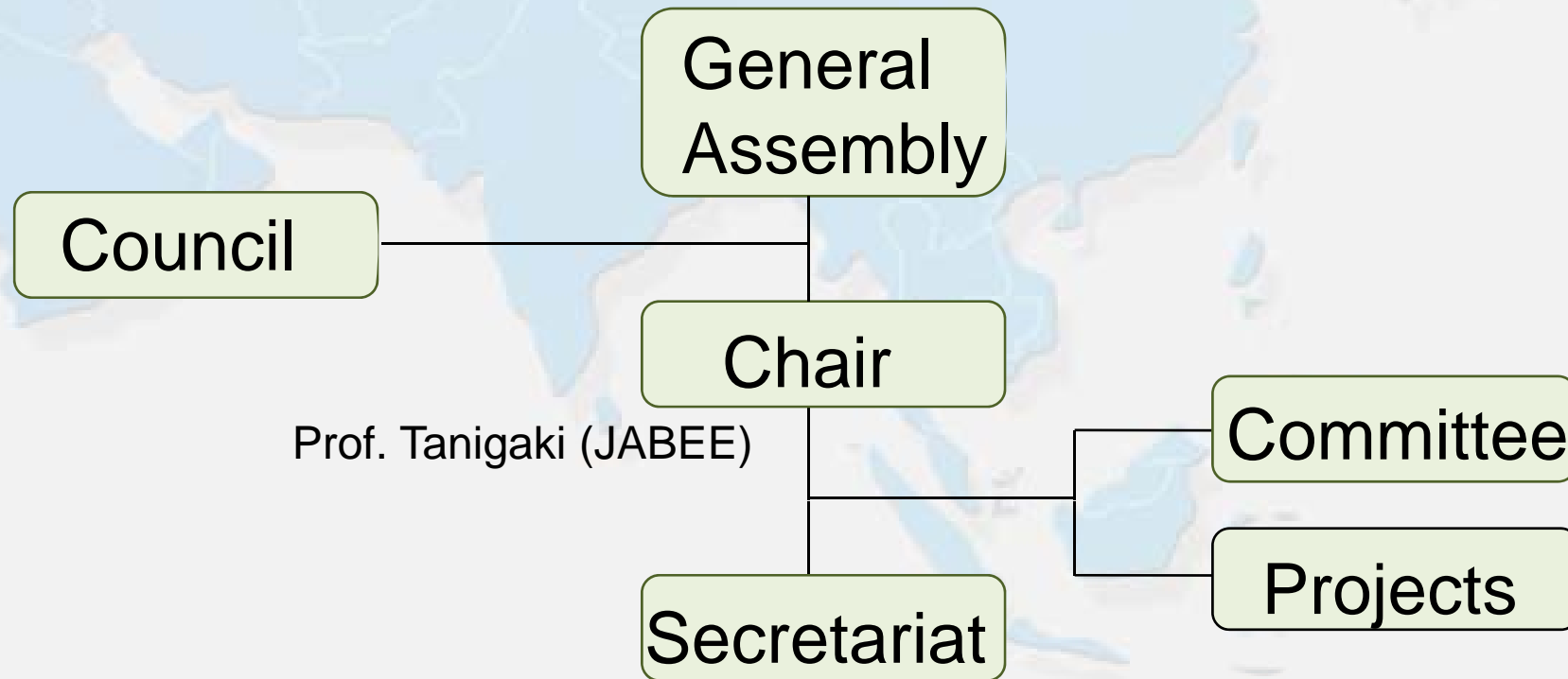
Full Member

Associate Member



2.3 Administrations and Organization of the Network

■ Organization structure



Prof. Tanigaki (JABEE)

EAC, Malaysia

1. The membership fee is not charged for the initial period.
2. Every NABEEA's activities will be conducted by the members on voluntary contributions.
3. The Chair, Secretariat and Council members will work on voluntary basis.
4. The General Assembly will be held once a year.
5. The Council members may meet more frequently or utilizing e-mail for their communication.
6. The term for the Chair and Secretariat is a minimum of two (2) years.
7. The number of Council members are five (5). The meeting approved that the ABEEK, EAC, IEET, IES and JABEE will be the Council members of NABEEA.

3. Goal, scope and activities of NABEEA

Levels of the cooperation and related tasks

Cooperation among Engineering Education Accreditation Bodies/Agencies in the region can be processed in the following four levels. NABEEA seeks the Level III as its immediate goal.

Level I: Preliminary level

Level II: Identification of similarities and dissimilarities

**Level III: Harmonization of the accreditation system in
the basic level**

**Level IV: Recognition of substantial equivalence of
accreditation system**

Level I: Preliminary level

Exchange and share the information concerning accreditation systems among the members.

Establish mutual understandings on the various issues each member is facing.

- **Regular communication among the member's accreditation policies, criteria, procedures, manuals and lists of accredited programs.**
- **Facilitate the exchange of information among accreditation agencies in Asia and also at the worldwide level.**
- **Organize meetings, seminars and workshop on accreditation practice.**
- **A dedicated website to promote exchange of information
WWW. XXXX**



• **Possible outcomes to seek for the Level II:**

- **Rules and Procedures for governing NABEEA**
- **Glossary of terminologies for engineering education accreditation.**
- **Report on issues in engineering education accreditation in Asian jurisdictions (What are differences / diversities of accreditation system in Asia)**

Level II: Identification of similarities and dissimilarities

Identify the similarities and dissimilarities in the accreditation systems among the members.

Make Efforts toward harmonization of basic concepts and terminologies.

- **Support and promote establishment / development of accreditation system for engineering education in each jurisdiction in Asia.**
- **Identification of diversity in the region on the accreditation.**



- **Possible outcomes to seek for Level III**

- **Report on issues those are particular in Asian jurisdictions on accreditation of engineering education.**
- **Guideline for establishing accreditation system for engineering education.**
- **Draft a model guideline for accreditation of engineering education in Asia.**



Level III: Harmonization of the accreditation system in the basic level

Harmonization of basic concepts and terminologies for accreditation.

Distinguish substantial equivalence/in-equivalence among the accreditation systems implemented by the members.

Level IV: Recognition of substantial equivalence of accreditation system

(This level is NOT aimed at in the present framework of NABEEA.)

Establish one's own accord concerning accreditation of engineering education programs.

- **Develop a standard for accreditation agencies in Asia. (e.g. ENAEE “Standards and Guidelines for Accreditation Agencies”)**
- **Establish rules between the engineering education accreditation and the qualification of engineers (e.g. APEC engineer.).**

4. Projects

The following projects were proposed and were determined at the General Assembly.

- 1. Rules and procedures for governing NABEEA
(Project leader: ABEEK)**
- 2. Glossary of terminologies for engineering education accreditation.
(Project leader: IEET)**
- 3. Report on issues in engineering education accreditation in Asian jurisdictions.
(Project leader: IES)**



Network's website

Being prepared by the Secretariat.

Next meeting: Host and date

2008 Summer in Japan