

Term of References

- Setting and Continuous Improvement of Benchmarking Qualification for ASEAN Engineering Register
- Assessment of Qualifications – Substantial Equivalence of Assessment process and sharing of Best Practices
- Recognition of Substantial Equivalence
- Promotion of Assessed Qualification Amongst the Stakeholders. Government and Employers.

Work of the Committee could include - to identify and implement mechanism to improve mobility of engineers across the border

- a) *Mobility of Graduate and Professional Engineers*
- b) *Educational Preparation*
- c) *Competence and Qualification*
- d) *Capacity Building for Engineers*
- e) *Countries and Jurisdiction related to Mobility of Engineers*
- f) *Inventory of Expertise of Engineers - database or directory for engineering expert.*

*Issues : Mobility of person(s) and
Mobility of Service(s).*

Qualifications of the moving persons and on how to relate more on persons and services in mobility

Outcome based education system - to follow world trend (how to establish mechanism to achieve Engineering Education accreditation amongst Member Organisations and the mechanism)

In mobility, the question should not be “how to compete with each other” but “how to cooperate together to achieve the vision of ASEAN Economic Community and how this could lead to a happy and prosperous ASEAN.”

APPENDIX A

The Myth of ASEAN Engineer vs. ACPE

Outline & History

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AER

ASEAN Engineering Register was initiated in 1998 to register ASEAN Engineers to facilitate the mobility of engineers within the ASEAN Countries. AER was later renamed ASEAN Engineering Register (AER) in 2011 to cater for new categories such as Technologist & Technicians and Young Graduate Engineers.

ACPE

The establishment, authority, functions and administration of the ASEAN Chartered Professional Engineer Coordinating Committee (ACPECC) are in accordance to Article 4.3 of the ASEAN Mutual Recognition Arrangement on Engineering Services, Kuala Lumpur, 9th December, 2005.

Under the ASEAN Mutual Recognition Arrangement on Engineering (MRA), a professional engineer or practitioner who holds the nationality of an ASEAN Member Country and who possesses qualifications and experience that comply with the requirements specified may apply to be placed on the ASEAN Chartered Professional Engineers Register (ACPER) and accorded the title of ASEAN Chartered Professional engineer (ACPE).

Current General Scenario

Two separate registration in most of the ASEAN Countries

No	Country	AER Registrar	Country	ACPE Monitoring Committee	Country	Remarks
1	Brunei	PUJA		BAPEQS		
2	Cambodia	BEC		BEC		Same Registration Body
3	Indonesia	PII		PII		Same Registration Body
4	Laos	LUSEA		MWPT		
5	Malaysia	IEM		BEM		
6	Myanmar	Fed. Mes		MEC		
7	Philippines	PTC		PRC		
8	Singapore	IES		PEB		
9	Thailand	EIT		COE		
10	Vietnam	VUSTA		MOC		

Earlier Proposals

- How to harmonize of AER/ACPE.

In view of two separate registration and titles given. Would there be any mutual recognition amongst each other committees & any possibility of harmonization of it.

- How to register as AER at the same time obtaining the ACPE registration as well.
Is there any possibility to register as AER and be a ACPE as well? And vice versa.

- Why do we need two registration forms?

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Can we have one form for two registrations.

Current Reference Regional Organization Scenario

- Reference paper presented by Ir. Rocky Wong, AER Head Commissioner 2007
"THE AER ACTION PLAN – AFEO 25, A POSITION PAPER"

Way Forward

We acknowledged the current different role of ACPE & AER as follows:

No	Role	AER	ACPE
1	Regulatory Regime	AER is a ASEAN Civil Society providing the platform for Engineering Personnel	Based on ASEAN MRA on Engineering Services
2	Categories	All levels of Engineering Personnel including Technician and Technologist and Young Engineers	Only Registration of Professional Engineers
3	Main Objective for formation	To facilitate mobility of engineers and interaction with engineers within the region	Facilitating the development and maintenance of authoritative and reliable Registers of ASEAN Chartered Professional Engineers; for local submitting purposes.
4	Main Activities	Organize activities related to engineering knowledge. Set up committees to review regional engineering standards. Provide networking and creation of wealth amongst the engineers.	Promoting the acceptance of ASEAN Chartered Professional Engineers (ACPEs) in each participating ASEAN Member Country as possessing general technical and professional competence

1. Proposed A Virtual Dialogue Session with ACPECC to have a preliminary understanding and discussion on potential collaboration.
2. ACPE and AER could complement each other's existence. A paper earlier has already mentioned that both sets of qualification for registration standards are aligned, if not already harmonized.

AER could play the role like in most of the country institution; providing **the platform/pre requisite** for APCE registration.

As for ACPE, those current APCE registered could also be encouraged to register with AER to enjoy the benefits mentioned in item 4.

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3. ACPE intends in developing, monitoring, maintaining and promoting mutually acceptable standards and criteria for facilitating practice by ASEAN Chartered Professional Engineers (ACPEs) throughout the participating ASEAN Member Countries.

Currently AER has developed numerous engineering guidelines and **standards harmonization** which could complement and fulfilling the objectives of ACPE formation. Some of the country stakeholders and regulators are also invited to participate and provide advice to AER.

4. For some countries whom are playing the role of dual registration, efforts could also be made that to have **1 form 2 registration** to ease and enable a one stop registration for engineers.
5. AER covers a **wider spectrum** of engineering personnel and provides a platform for mobility for all engineering personnel. ACPE is only for professional engineers and adopts and implements the MRA requirement for Engineering Services only and for extending the engineering practice services to other countries

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Adhoc Committee on Mobility of Engineers

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