

Federation of Engineering Institutions of Islamic Countries (FEIIC)



Minutes of the 32nd FEIIC Council Meeting

7th and 8th January 2019

Conrad Makkah Hotel, Makkah, Saudi Arabia

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32nd FEIIC Council Meeting, Makkah.

Agenda

- 32-1** Recitation & translation of Verses from Al-Quran
- 32-2** Welcoming Remarks by the Host (SCE Chairman)
- 32-3** Instating the new FEIIC President
- 32-4** Confirmation of Minutes of 31st FEIIC Council Meeting
- 32-5** Matters arising
- 32-6** Representation of SCE
- 32-7** EQAPS and Accords
- 32-8** Standing Committees, Young Engineers
- 32-9** Future Projects / IEC
- 32-10** Engineering Excellence Award, Permanent Office etc.
- 32-11** Reports from the member countries
- 32-12** Any Other Matters
- 32-13** Conclusion and closing.



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Conrad Makkah Hotel, Jabal Umar, Makkah, Saudi Arabia

Attendees

FEIIC Council

1	Engr. Saad M. Alshahrani	Saudi Arabia	President	Attended
2	Engr. Jawed Salim Qureshi	Pakistan, PEC	Deputy President	Attended
3	Prof. Megat Johari Megat Mohd	Malaysia	Vice President	Attended
4	Dr. Imangaliyev Yernar	Kazakhstan	Vice President	Deputed ¹
5	Engr. Hisham Elshafei	Egypt	Vice President	Attended
6	Dr. Hussain Yahya Fadhli	Saudi Arabia	Secretary General	Deputed ²
7	Dr. Ruslan Hassan	Malaysia	Council Member	Attended
8	Engr. Mohammed Abu Afifah	Jordan	Council Member	Attended
9	Dr. Izharul Haq	Pakistan, IEP	Council Member	Deputed ³
10	Engr. Sultan Mahmood Mian	Pakistan, IEP	Council Member	Excused
11	Engr. Kamal Al Hamad	Saudi Arabia	GEU, Regional Member	Attended
12	Dr. Hesham Abdul Khaleq	Egypt	ESE, Coopted Member	Attended
13	Engr. Meshary Al-Shathry	Saudi Arabia	Council Member	Deputed ⁴

Special Invitees:

04	Dr. Bakytzhan Zhumagulov	Kazakhstan	Past President	Attended ¹
14	Dato' Prof. Abang Abdullah	Malaysia	Past President	Attended
06	Engr. Farhan H. Alshammari	Saudi Arabia	SCE Secretary General	Attended ²
15	Dr. Nasir Mahmood Khan	Pakistan	PEC/ Member, EQAPS SC	Attended
09	Engr. Sohail Bashir	Pakistan	IEP, Pakistan & Nominee	Attended ³
13	Engr. Ghannam Shainin Al-Enezi	Saudi Arabia	SCE Board Member	Attended ⁴
16	Engr. Mohammad Nuruzaman	Bangladesh	IEB, Bangladesh	Attended
17	Dr. Kashim Abdul Ali	Nigeria	COREN, Nigeria	Attended
18	Engr. Nadia Mahmoud Elfaki	Sudan	SG, Sudan Eng. Council	Attended
19	Engr. Munir Yousif Elhakim	Sudan	Board Member, Sudan EC	Attended

Observers:

20	Zhumagulov Bauyrzhan	Kazakhstan	NEA, R Kazakhstan	Attended
21	Zhumagulov Ruslan	Kazakhstan	NEA, R Kazakhstan	Attended
22	Mohammed Shafi	Saudi Arabia	FEIIC Executive Secretary	Attended
23	Engr. Ibrahim Alhumoud	Saudi Arabia	SCE, GM Accreditation	Attended
24	Engr. Fawaz Jannah	Saudi Arabia	SCE, Regional Manager	Attended



32-0_Opening

The meeting was opened at 01:30 PM on Monday 7th January 2019 by the host Engr. Saad Alshahrani, SCE Chairman in the presence of the existing Council members, invited participants and observers.

32-1 Recitation from Holy Qur'an

A few verses from the Holy Quran were recited with a translation to English.

32-2 Welcoming remarks

The host welcomed the attendees from member countries, with a special mention to the invited and new participants. He introduced himself and requested the participants to follow. Since the board of Saudi Council of Engineers (SCE), the host organization and the current secretariat, has a new team to represent in the house, Engr. Saad introduced Engr. Farhan Alshammari, the Secretary General of SCE, who was present, to the house.

32-3 Instating the new FEIIC President

The recent election to the Board of the Saudi Council of Engineers and formation of a new board by the mid 2018 required a change in the Secretariat where as both of the previous SCE Board Chairman and Secretary General were replaced with newly elected chairman and newly appointed Secretary General. In order to run FEIIC activities smoothly, SCE suggested the newly elected SCE chairman Engr. Saad Alshahrani to take over from outgoing SCE chairman Dr. Jamil Bagawi and an email circular was distributed among the FEIIC Council members on Monday, July 9, 2018. The Executive Secretary collected the consents of the majority.

The house unanimously approved the move and requested Engr. Saad Alshahrani to serve as the President of FEIIC for the rest of the current session.

Engr. Saad accepted and thanked the house for their trust in him and SCE.

New Members to FEIIC

The president accepted Sudan, Bangladesh, and Nigeria as national members to the FEIIC and the house greeted and welcomed them with applause.

32-4 Confirmation of the Minutes of 31st FEIIC Council Meeting



Printed copies of the Minutes of the 31st FEIIC Council Meeting were distributed among the participants, which was earlier circulated electronically for the comments and feedbacks of the council members.

The members agreed on the minutes and house approved without any objection or modifications.

Considering the urgency of the Kazakhstan team to fly back home earlier, the chair, Engr. Saad Alsharani, invited H.E. Dr. Zhumagulov Bakytzhn, a Past President of FEIIC and representative of NEARK, Kazakhstan to present the activities of Kazakhstan. He briefed Kazakhstan's representation on FEIIC during the last 25 years. He said that in 2018 alone NEARK launched 6 research projects and 2 programs and held several events such as a panel session in Astana city on "Scientific and expert support of the "ONE BELT project, ONE ROAD" initiative as part of the "Global Silk Road: Forum of the city mayors". NEARK initiated an analysis and further development of a set of measures to promote the National Qualifications System (NQS), which is underway.

Nonetheless they have some difficulties still but they have good advancement and support in research in Uzbekistan, Kazakhstan, Azerbaijan etc., and all are ready to support FEIIC. Likewise, they have very important projects on the way in collaboration with European scientists and projects in cooperation with OIC.

H.E. Dr. Zhunagulov honored the President Engr. Saad Al Shahrani, Secretary General Engr. Farhan Alshammari, Emeritus Professor Abang Abdullah, Deputy President Engr. Jawed Salem Qureshi, EQAPS Head Prof. Megat Johari, and Executive Secretary Mr. Mohammed Shafi and conferred them the prestigious NEARK Medals of excellence.

While thanking SCE for the hospitality in Makkah, the spiritual capital of Muslims, he invited all to the Expo on future energy, as well as requested to have the next FEIIC General Assembly in Almaty in September 2019.

32-5 Matters Arising:

- a. Prof. Abang Abdullah brought the issue of problems in and lack of implementation of several previous FEIIC Council decisions. We need members to volunteer to take actions on the decisions.
- b. Jawed Qureshi elaborated on the need and urged to work proactively. FEIIC is nearing 30 years, we could have done much more to project ourselves. We need to work hard on quality education, research and development. As an example, most of our curricula are not in line with the industry. All the FEIIC members



should work on it, and we at PEC, are soon meeting the deans in a conference on 9th April, 2019. Jawed Qureshi suggested to form a sub-committee to carry over the idea and work on it.

Engr. Saad seconded the idea, and Engr. Farhan agreed to support to work on it.

Dr. Ruslan advised to check with the pilot countries and seek their support in order to save time and effort.

[Action: Study and propose a Sub-committee for Engineering Curricula.

PIC: Engr. Jawed Qureshi, Secretary General, Mohammed Shafi

Deadline:

Follow Up:]

32-6 Representation of SCE

Since the SCE's representative for the current session, Engr. Meshary Al-Shathry excused, SCE nominated Engr. Ghannam Shainin Al-Enezi, a SCE Board Member, to represent Saudi Arabia for the rest of the session.

The house unanimously approved the proposal and warmly welcomed Engr. Ghannam to the Council.

The session adjourned by 3:30PM to continue the next day in the morning with a note of thanks by the President and a photo session.

Tuesday 8th January 2019

The meeting was re-convened at 09:00 AM on Tuesday 8th January 2019 and was chaired by the Deputy President Engr. Jawed Qureshi and co-chaired by the Secretary General Engr. Farhan Alshammari.

32-7 EQAPS & Accords

Prof. Megat Johari briefed the house about the current progress of EQAPS projects and Accords. Earlier, Jordan, KSA, Egypt, and Kazakhstan agreed to host quarterly meetings during 2018, but none of these was executed due to various reasons. We have to revisit the strategy and approach the relevant authorities of member



countries in qualification, such as ministries, and other stakeholders and bring them together in workshops to enhance their awareness and ensure participation in the process.

Engr. Farhan said that SCE has planned to meet HH Dr. Faisal of NCAAA very soon, as well as to meet the key industry personnel and academia.

Action: Meeting with NCAAA on furthering the WA process.

PIC: , Ibrahim Alhumoud, Secretary General

Deadline: Not set.

Follow Up: 3rd Week of February.

Pakistan has already scheduled their International Deans Conference for 9th April, 2019.

Egypt will also respond by the end of February on what they can do in this issue.

Action: Accreditation Awareness programs.

PIC: , Engr. Hisham Elshafei

Deadline: Not set.

Follow Up: End of February.

Sudan expressed their interest in and will focus on awareness workshops intended for deans and professors in discussion with their team. They will get back to FEIIC by March/April 2019.

Action: Accreditation Awareness programs.

PIC: , Engr. Nadia Elfaki

Deadline: April 2019

Follow Up: Mid-March, 2019.

Jordan also will prepare an event for the ministries and academic circles focusing on implementation of Makkah & Madinah Accords and entry to the Washington Accord.

Action: Accreditation Awareness programs.

PIC: , Engr. Mohammed Abu Afifeh

Deadline: Not set

Follow Up: Mid-March, 2019.

Prof. Megat Johari offered the support of Malaysia and EQAPS team to involve and mediate or give opinion to the member countries which will definitely help them to move forward and get the ministry commitment for accreditation.



Dr. Ruslan added that mutual recognition of the degrees in member countries to be encouraged and the opportunities for future engineers from the Muslim countries to be offered to equip them to work at global level. Dignity and spiritual values in the Accords to be maintained. The “Itqaan” and “Ihsaan” should be imparted to the young generation of engineers.

Prof. Megat Johari admired it and concluded that there is always chance to improve, and the expected minimum standard is set to the Washington Accord.

32-8 *Standing Committees & Young Engineers:*

(a) FEIIC Engineers Register (FER)

Prof. Abang Abdullah briefed on the need for an FEIIC Engineers Register (FER) for qualified professional engineers from FEIIC member countries, and other countries as well. A draft proposal on the formation of FER was distributed among the house.

Questions on who will certify and who is qualified have been raised and Prof. Abang pointed out that, in line with the Makkah Accord, every country subscribing to Makkah Accord can use their national professional standards and award the FPEng title to qualified engineering practitioners. Each country should agree on what kind of benefits could be offered to the title holder.

He continued that the FER should have an appointed Registrar who maintains the records and issues the certificates at the international level.

Engr. Abu Afifeh of Jordan asked that who is the responsible to award the title? Prof. Abang Abdullah answered that the member country which signed the Makkah Accord is responsible for the assessment and recommendation. If any country has no professional assessment process in place, the FER Committee, which is to be formed, would assist.

Jawed Qureshi supported and added that the Register needs full implementation of the Makkah Accord and it will open global opportunities to the title holders.

Prof. Megat Johari supported and pointed out that it is one of the expected outcome of the EQAPS.



In response to Jawed Qureshi's comment on full implementation of Makkah Accord as a term for creation of FER, Prof. Abang Abdullah explained that the FPEng title shouldn't be limited to the FEIIC member countries and any qualified individual from anywhere can register, provided they have similar professional qualification such as the CEng of ECUK, and strongly suggested to proceed with the creation of FER.

Ruslan supported the registration of professional engineers from non-FEIIC countries, similar to the APEC register.

Malaysia offered to host the FER Secretariat, and stressed to start as long as we have enough qualified professionals in the member countries. Prof. Abang Abdullah gave the example of ASEAN which is based on the IPEA benchmark.

Engr. Abu Afifeh asked about the incentives and privileges of the registered professional. Do other countries recognize it as substantially equivalent?

Prof. Abang Abdullah said that it is listed in the circulated proposal and should be better than what other networks offers. We should work on implementation first and then work to get it recognized.

Prof. Megat Johari seconded it and added that Makkah Accord already deals with the substantial equivalency and many of our engineers are already qualified, and the registration with FER is purely optional and not mandatory.

Dr. Kashim Ali of Nigeria noted that all the benefits listed are personal, and queried whether it is possible to have group benefits? He suggested that we can either start with FER or may wait for the implementation of Makkah Accord. He doesn't see any downside if we start the FER now.

Engr. Sohail Bashir warned that if this initiative fails for any reason, the whole Makkah Accord will be affected adversely. Moreover, the benefits are general and not specific. He is hopeful that the recognition of other countries will amplify the membership and suggested that the mutual agreement between member countries is to be a prerequisite.

Engr. Jawed Qureshi agreed that both should go side by side, and we should fix a timeline for the implementation of Makkah Accord.

Prof. Megat Johari observed on Engr. Sohail Bashir's note on mutual agreement that in IPEA everyone agrees on substantial equivalency, but there are other



restrictions in place according to the country. We are certifying on the technical know-how only, and nothing more.

Engr. Munir Elhakim of Sudan concerned about the dual registration where he said that every country has its own register. Albeit not all engineers are registered. According to him a mere 10% of engineers are registered in Sudan.

Prof. Abang Abdullah pointed out that one of the goals behind the FER idea is to get the new generation of engineers involved in our activities. It will help us bring them together and continue to contribute to the Ummah through the next generation. There is no need to compel and we are sure we will get the volunteers. The idea was originated in 2002. We should start now even in a small way.

We should be able to work on three initiatives in parallel and not necessarily in series: 1) EQAPS, 2) FEIIC Engineers Register, and 3) International Engineering Center.

Prof. Megat Johari shared that he spoke to BEM and they do recommend the move and ready to cooperate.

Engr. Farhan agreed to the point as he doesn't see any harm in working on the three aspects in parallel and promised to move on without further delay and recommended others to move forward. The house then agreed on creation of FER.

Action: FEIIC Engineers Register

PIC: , Prof. Abang Abdullah, Prof. Megat Johari, Dr. Nasir Khan, Mohammed Shafi

Deadline: Not set

Follow Up: March, 2019.

(b) Young Engineers

Dr. Nasir Khan informed that PEC 2nd Conference on Young Engineers is on the way. Engr. Jawed Qureshi said that it was planned for 2018 but due to the national election and government change, they had to reschedule their international conference to 9th April 2019, and the young engineers' convention to the month of June/July. They have a plan to award the young engineers in the meeting. Engr. Jawed Qureshi invited the house to the conference and convention.

Prof. Abang Abdullah: Every member country is encouraged to form some sort of chapter or committee for young engineers.



Dr. Nasir Khan: In addition to that, FEIIC should have a standing committee to monitor those chapter activities and support them with ideas and themes.

Engr. Sohail: I am leading the Future Engineers Program which involves 30 countries and ready to help our member countries and FEIIC subcommittee as well. Reciprocal exchange of young engineers is much sought for. We attach them with consultation, and it has developed a good virtual platform.

Engr. Jawed Qureshi: It is an excellent proposal and support the idea of formation of young engineers chapter in every member country. The standing committee of FEIIC should have a revolving leadership. Pakistan is ready to start with it.

(c) Standing Committees:

The house then moved to reform the standing committees as below:

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|----|-----------------------|----------|
| 1. | Engineering Education | Pakistan |
| 2. | Energy | KSA |
| 3. | Housing | Sudan |
| 4. | IT | Jordan |
| 5. | Advanced Technology | Malaysia |

Engr. Sohail sees that we should develop a policy paper for the standing committees.

Engr. Farhan Alshammari also noted that there are no clear guidelines or objectives for the standing committees and appreciated if we can draft it. Engr. Sohail shared a link to the relevant information and volunteered to assist whoever needs it.

Engr. Munir Elhakim seconded and reiterated that the function of the standing committees be properly written, and it is necessary to have a proper structure and have concerted efforts.

All agreed to move on intensifying the standing committee exercises.

Engr. Farhan Alshammari asked to set up an executive committee and it was suggested to have 2 members from KSA, and one member from each regional office, one from Sudan and another from Pakistan.

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|----|-------------------------------|----------|-----------------------|
| 1. | Dr. Nasir Khan | Pakistan | Engineering Education |
| 2. | Engr. Farhan & Engr. Alhumoud | KSA | Energy |



- | | | |
|-----------------------|----------|---------------------|
| 3. Engr. Nadia Elfaki | Sudan | Housing |
| 4. Engr. Abu Afifeh | Jordan | IT |
| 5. Prof. Megat Johari | Malaysia | Advanced Technology |

Prof. Megat Johari reiterated that these are the dominant areas in Islamic countries, and the leading country should have a data of expertise, projects, conferences and joint events. Prof. Megat Johari will draw the guidelines. The Secretary General will be in touch with Prof. Megat Johari, and Prof. Abang will help with the details.

Action: Standing Committees

PIC: Prof. Megat Johari, Engr. Farhan Alshammari, Prof. Abang Abdullah

Deadline: Within 3 months.

Follow Up: Not set.

32-9 ***Future Projects:***

International Engineering Center & Research Center

The task remains with SCE and Engr. Farhan asked for additional time to study the subject. Prof. Abang will provide all the necessary assistance.

Action: Establishment of IEC

PIC: Engr. Farhan Alshammari, Prof. Abang Abdullah

Deadline: Not set.

Follow Up: Not set.

32-10 ***Engineering Excellence Award***

Engr. Hisham Elshafie raised the Engineering Excellence Award which was once proposed by the PEC in 2016. He stated that the award will be a great support in R&D in Islamic countries which is obviously very poor in comparison to the other part of the world.

Engr. Jawed Qureshi supported and suggested to have 5 or 6 awards with a reasonable fund. He plans to start it with the forthcoming events in Pakistan. Prof. Abang Abdullah advised him to make it international, if possible, and asked others to follow.

32-11 ***Reports from the member countries***

Kazakhstan, Pakistan, and Malaysia briefed on their activities during the last year. Nigeria and Sudan introduced their engineering councils to the house and answered the queries on their functions.



32-12 *Any other matters*

a. FICEER2019

The house discussed the next FICEER2019 and decided to hold in Makkah during 2-5 November 2019. Malaysia, as the Scientific Committee to the event will invite papers soon. SCE will arrange the venue and provide other facilities.

The follow up with inactive member countries was in discussion and Prof. Megat Johari reported that he is in close contact with Indonesia and they are very keen to reconnect with FEIIC.

b. Website

Engr. Farhan Alshammari requested to work on the website and Malaysia suggested that R/O Kuala Lumpur to take over.

c. Financial Contribution/Membership Fee

Engr. Farhan Alshammari also asked the house to reinstate the membership fee system to financially support the FEIIC activities. Engr. Jawed Qureshi suggested an initial contribution of USD 5000/- from each member country. He opined that SCE has not to take all the financial burden.

Prof. Abang Abdullah supported it and said that such financial contributions will not only ease the financial constraints but also will encourage the members to take more active participation although he is concerned about the money transfer difficulty from Central-Asian countries. Engr. Farhan Alshammari suggested that we can put them aside for time being until they could find a solution.

Malaysia along with Pakistan agreed to contribute while Jordan, Egypt, and other participants responded that they will get back to the FEIIC after consultation and discussion in their relevant bodies.

Action: Financial Contribution and Membership Fee

PIC: All member countries

Deadline: Not set.

Follow Up: Executive Secretary, March 2019.

It was discussed by the house and decided that the national membership fee will be due in January of the year and cover up to December 31st of the year.

32-13 *Conclusion and closing.*



Upon completion of all the items in agenda, the chair asked the house their permission to conclude and requested Engr. Farhan to give his closing remarks.

Engr. Farhan Alshammari, on behalf of the host and the FEIIC President, thanked the attendees for their active participation and urged all to be in touch more frequently, be it in person or online and cooperate in the efforts. He reminded that the FEIIC requires more sacrifice and dedication and hoped that the Almighty grant us the will and power to move ahead with our good intention and future plans.

The meeting was adjourned at 3:30 PM.

