ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

41st COUNCIL MEETING
AGENDA BOOK

Abridged Printed Version –
Refer to Electronic Document for Full Version

Room E3.2, Level 3 Exhibition Rooms
International Convention Centre
Darling Harbour, Sydney, Australia

15 November 2018 10am – 5pm
16 November 2018 9am – 1pm
AGENDA

2018 41st International Cost Engineering Council (ICEC) Meeting

1 Welcome and Introductions
   Chair - TT Cheung

2 Attendance and Apologies
   Peter Smith

3 Minute's Silence
   In Remembrance - José Chacon de Assis (IBEC – Brazilian Institute of Cost Engineers)

4 Minutes of 40th Council Meeting: 8-9 October 2016 - Rio de Janeiro, Brazil
   Peter Smith

5 Matters Arising from the Minutes
   Peter Smith

6 ICEC Executive Officer Reports
   a. Chair - TT Cheung
   b. Senior Vice Chair - Kwadwo H Osei-Asante
   c. Administrative Vice Chair - Gianluca di Castri
   d. Administrative Vice Chair - Julie Owen
   e. Technical Vice Chair - Angelo do Valle
   f. Advisory Board Chair - Roger Batten
   g. Research Director - Alexia Nalewaik
   h. Region 1 Director - Paulo Dias
   i. Region 2 Director - Alec Ray
   j. Region 3 Director - Kofi Obeng Ayirebi
   k. Region 4 Director - Eugene Seah
   l. Research Director - Alexia Nalewaik
   m. ICEC/IPMA Director - Andrej Kerin
   n. Middle East Director - Madhu Pillai
   o. Secretary-General - Peter Smith
      i. Secretary General Report
      ii. Financial report

7 New ICEC Members
   a. Applications:
      Institution of Surveyors Uganda (ISU) - Application approved 27 May 2018
      Pertubuhan Ukur Jurutera Dan Arkitek
      Puja (Brunei) Surveyor Division - Application received (for voting)
      Indonesian Association of Quantity Surveyors (IQSI) - Application received (for voting)
   b. Possible New ICEC Members & New Member Strategies – General Discussion
   c. Associations that have left ICEC – Proposal to reinstate membership
8 Reports – ICEC Member Associations

1 Region 1
a) AACE International – United States
b) CIC (Colegio de Ingenieros Civiles de Honduras / College of Civil Engineers Honduras)
c) CIQS (Canadian Institute of Quantity Surveyors)
d) GOGRC (Venezuela - Grupo OFC Guia de Costos)
e) IBEC (Instituto Brasileiro de Engenharia de Custos)
f) SMIEFC (Sociedad Mexicana de Ingenieria Economica, Financiaeray de Costos)

2 Region 2
a) ACostE (Association of Cost Engineers - United Kingdom)
b) AICE (Associazione Italiana d’Ingegneria Economica)
c) CAPQS (Cyprus Association of Professional Quantity Surveyors)
d) DACE (Nederlandse Stichting Voor Kosten techniek)
e) DVP (German Association of Project Managers in the Construction Industry & Real Estate Economy)
f) GTE / MKK (GTE Cost Engineering Club)
g) CI CES (Chartered Institution of Civil Engineering Surveyors) – United Kingdom
h) PMA (Projekt Management Austria)
i) PMG (Project Management Greece)
j) RACE (Romanian Association of Cost Engineering)
k) SPPR (Spolocnost pre projektove riadenie / Project Management Association of Slovakia)
l) SMaP (Association Francaise pour l’avancement du Management de Projet / Project Management Association of France)
m) SPR (Spolocnost pro projekтовé rízení / Czech Association of Project Management)
n) VSF (Verkefnastjornunarfelag Ids / Project Management Association of Iceland)
o) ZPM (Slovenian Project Management Association)

3 Region 3
a) ASAQS (Association of South African Quantity Surveyors)
b) GHIS (Ghana Institution of Surveyors Quantity Surveying Division)
c) INQS (Institute of Namibian Quantity Surveyors) (ICEC Associate Member)
d) IQSK (Institute of Quantity Surveyors of Kenya)
e) MAQS (The Mauritius Association of Quantity Surveyors) (ICEC Associate Member)
f) NIACE (The Nigerian Institute of Appraisers and Cost Engineers)
g) NIQS (Nigerian Institute of Quantity Surveyors)
h) SAPCI (Southern African Project Controls Institute)
i) ISU (Institution of Surveyors Uganda)

4 Region 4
a) AIQS (Australian Institute of Quantity Surveyors)
b) ACES (Australian Cost Engineering Society)
c) BSij (Building Surveyor’s Institute of Japan / Nihon Kenchiku Sekesan Kyokai)
d) CECA (China Engineering Cost Association)
e) FIQS (Fiji Institute of Quantity Surveyors) (ICEC Associate Member)
f) HKIS (Hong Kong Institute of Quantity Surveyors)
g) IPMSL (Institute of Project Managers of Sri Lanka)
h) IQSSL (Institute of Quantity Surveyors of Sri Lanka)
i) PICQS (Philippines Institute of Certified Quantity Surveyors)
j) RISM (Royal Institution of Surveyors, Malaysia / Pertubuhan Juruukur DiRaja Malaysia)
k) NZIQS (New Zealand Institute of Quantity Surveyors)
l) PMAI (Project Management Associates – India)
m) SISV (Singapore Institute of Surveyors and Valuers, Quantity Surveying Division)
9 ICEC World Congresses

a. 10th World Congress 2016 overview - Region 1 - Rio de Janeiro, Brazil (Angelo Valle)
b. 11th World Congress 2018 update - Region 4 - Sydney, Australia (Anthony Mills/Lani Kirby)
c. 12th World Congress 2020 planning - Region 3 - Accra, Ghana (Osei Asante/ Kofi Obeng Ayirebi / Michael Frimpong)
d. 13th World Congress 2022 bid - Region 2 - Bid by DACE (Dutch Association of Cost Engineers)

10 ICEC Initiatives & Strategic Directions - ‘Think Tank’ Discussion

a. Current/Future Industry Directions & Needs of ICEC Member Associations
   - Global industry trends & impact on professional associations
   - Issues/challenges/opportunities currently faced by ICEC member associations
   - Strategies/initiatives being implemented by ICEC member associations
   - Feedback on how ICEC can provide greater value & assistance for ICEC member associations

b. International Comparative Research – ICEC Network
   - Research network groups
   - eg. QS/CE Practices Evolution/Comparisons, 5D BIM Implementation, Project Cost Overruns, etc.

c. ICEC Global Collaboration
   - International Construction Measurement Standards Coalition
   - International Ethics Coalition
   - United Nations
   - World Federation of Engineers (WFEO)
   - MOC Associations (PAQS, AAQS, RICS, FIG, IPMA)

d. ICEC Website Inventory (‘One Stop’ Shop for Global Sources of Cost Related Information)
   - Sources of Published Cost Sources (National, Regional & Global)
   - QS/CE/Project Controls Standards/Best Practices
   - ICEC International Cost Management Journal (ICMJ)
   - Project Cost Management Baseline Body of Knowledge
   - Project Cost Management Glossary of Terms
   - Certification & CPD Programs by ICEC Member Associations
   - Training programs & seminars by ICEC Member Associations
   - Project Cost Management Seminars/Congresses (National, Regional & Global)
   - ICEC Member Country Contacts

e. ICEC Communications
   - ICEC Website
   - ICEC Global Professional Network Project (Linked In)
   - Social Media
   - Web based meeting platforms (Skype, etc)
   - Smart technology/software
   - International Roundup Newsletter
   - Promotional Materials
   - ICEC Information Kit

f. ICEC Income Generation
   - ICEC Business Register
   - Advertising/Sponsorship Revenue
   - Individual membership
   - Other potential sources of income
g. ICEC Accreditation Program for Member Association Certification and CPD Programs
   - Current status & further development
   - Promotion of international recognition/endorsement

h. Emerging Nations/Professional Associations in Project Cost Management
   - Overview (eg. Russia, Iran, Indonesia, etc.)
   - Strategies to support these nations/associations

i. ICEC Regional Structure
   Discussion on current ICEC regional structure & possible new regions
   - Middle East
   - Eastern Europe
   - South/Central/North America
   - Africa/North Africa

j. ICEC Officer Positions & Roles
   - Discussion on possible New Director positions
   - Discussion on positions and roles generally

k. Other ideas and suggestions
   Open Forum

11  ICEC Young Member (Rising Professionals) Group

   TT Cheung/Eugene Seah

12  ICEC Governance Structure - Update & Strategic Directions

   General Update
   Review of performance of ICEC Governance Structure
   Discussion on possible revisions

13  ICEC Action Plan 2018-2020

   TT Cheung/Osei Asante
   Development of 2018-20 Action Plan (following ‘Think Tank’ Discussion)

14  Region Workshops (Workshop Sessions)

   To be held Saturday 17th November 2018

15  Memorandums of Cooperation (MOCs)

   Updates on existing MOCs
   a. AAQS
   b. FIG Commission 10
   c. IPMA
   d. PAQS
   e. RICS
   Discussion on future MOCs

16  International Construction Measurement Standards (ICMS)

   Update on current developments
17  ICEC Region Meetings Held During 2017-2018

2017
Region 1
4-5 July 2017 - Rio de Janeiro, Brazil.
Held in conjunction with the national Brazil Cost Engineering Day & IBEC Meetings.
Region 2
17 November 2017 – London UK (Mott MacDonald Office, 10 Fleet Place, London)
Region 3
2 November 2017, Kampala, Uganda. Held in conjunction with the AAQS General Assembly & African Cost Congress from 2-3 November 2017
Region 4

2018
Region 1
Two Region 1 meetings:
North America - 8 February 2018, Indian Wells, California. Held in conjunction with the AACE 2018 Western Winter Workshop 8-11 February
South America - 6-7 August 2018, Sao Paulo, Brazil. Held in conjunction with the IBEC national Brazil Cost Engineering Day & IBEC International Meetings
Region 2
17 November 2018 – Sydney, Australia. A special Region 2 meeting will be held just after the ICEC Council Meeting in Sydney
Region 3
To be confirmed
Region 4
17 November 2018 – Sydney, Australia. This will be held as part of the PAQS 2018 Annual Board Meeting in Sydney

18  ICEC Region Meetings Planned for 2019-2020

For discussion

19  Kenneth Humphreys Paper Award for Young and Student Members

Report on 2018 Awards – Peter Smith

20  ICEC Jan Korevaar Best Congress Paper Award

Report on 2018 Award – Peter Smith

21  ICEC 2018 Awards

(At the discretion of the Chair, this portion of the meeting may be closed to non-delegates and nominated award recipients)

a. Distinguished International Fellow (DIF) Awards (Nominations for DIF awards are to be presented for vote of official delegates)
b. Chair’s Award
c. Region Awards

22  Election of Officers for 2018-2020

Alexia Nalewaik
23  
**Presentation of Budget and Subscription Fees for 2018-2020**

Peter Smith

24  
**Any Other Business**

Open to the floor

25  
**Next Full Council Meeting**

Accra, Ghana (2020)

26  
**Closing Remarks by New ICEC Chair**

New ICEC Chair

27  
**Adjournment**


**NOTE:**

Please bring sufficient copies of any reports not submitted in time for inclusion in the Council meeting papers
ITEM 1

Welcome and Introductions
ITEM 2

Attendance and Apologies
ITEM 3

Minute’s Silence
In Remembrance of Jose Chacon de Assis
(IBEC – Brazilian Institute of Cost Engineers)
Today we woke up in sorrow. A deep mourning for the lost of an exceptional friend and colleague - one who, in such levels captivated and enlightened us with his work as an Engineer and a citizen, dedicated to so many causes. He performed with strong character and resolution his fight for the minorities and in favour of sustainability, not to mention his years ahead of CREA-RJ, where he featured in so many invaluable achievements for the carioca engineers. His accomplishments made their mark not only in his beloved motherland, but also worldwide. There are, in fact, countless well-deserved compliments to dispense now, and which we will continue to offer along with an undying gratitude for all the dedication and self givingness that the Engineer José Chacon de Assis taught IBEC, as IBEC Vice-chair and ICEC Region 1 Director, and also to the field of Engineering and to Brazil, as the Chair of AFEA and Federal Counselor at CONFEA, and to the whole world. The pain of grieving seems as endless as his memory will be everlasting in our hearts. Go in peace, and may you continue to shine bright and passionate, wherever you are. IBEC expresses its condolences to all the friends and family.

#ChaconPresente
ITEM 4

Minutes of 40th Council Meeting
8/9 October 2016
Rio De Janeiro, Brazil
Minutes of the 40th Session of the Council
Saturday/Sunday 8-9 October 2016
Rio de Janeiro, Brazil

The 40th Session of Council was convened by ICEC Chair Alexia Nalewaik at 9.00 am on 8 October 2016 at the Windsor Barra Hotel, Rio De Janeiro, Brazil. The Full Meeting Agenda Book containing supporting details for various agenda items was provided to delegates in electronic form prior to the meeting. An abbreviated hard copy version of the Meeting Agenda Book was distributed at the meeting. The Full Meeting Agenda Book is provided on the ICEC website in conjunction with these minutes and will, by reference, be made a part of these minutes.

The 2016 ICEC Meeting Agenda Book can be found on the ICEC website at:
http://www.icoste.org/members/minutes/#more-48

1.0 Welcome & Introductions

ICEC Chair Alexia Nalewaik welcomed the delegates and asked the delegates to introduce themselves and to indicate the association or institute that they represented.

2.0 Attendance & Apologies

2.a Attendance

A total of 40 ICEC office holders and member association delegates/representatives attended the meeting (in part or in whole) over the two days of meetings. 15 member associations were represented at the meeting.

ICEC Executive Officers
Alexia Nalewaik - ICEC Chair (United States)
TT Cheung - ICEC Senior Vice Chair (Hong Kong)
Kwadwo Osei-Asante - ICEC Administrative Vice Chair (Ghana)
Andrej Kerin - ICEC Administrative Vice Chair (Slovenia)
Ângelo Valle - ICEC Technical Vice Chair (Brazil)
Carsten Wredstrøm - ICEC Immediate Past ICEC Chair (Denmark)
Peter Smith - ICEC Secretary General (Australia)
Roger Batten - ICEC Advisory Board Chair (United Kingdom)

ICEC Region Directors
Paulo Dias - ICEC Region 1 Director & IBEC President (Brazil)
Gianluca di Castri - ICEC Region 2 Director (Italy)

ICEC Region Deputy Directors
Aldo Mattos - ICEC Region 1 (Brazil)
Julie Owen - ICEC Region 1 (USA)
Alec Ray - ICEC Region 2 (United Kingdom)
Kofu Obeng-Ayirebi - ICEC Region 3 (Ghana)
Obafemi Onashile - ICEC Region 3 (Nigeria)
Charles Mbelede - ICEC Region 3 (Nigeria)
Njeri Wachira Towey - ICEC Region 3 (Kenya)
ICEC Delegates – Region 1
John Livengood - AACE (United States)
José Chacon De Assis - IBEC (Brazil)
Inaiara Ferreira Marini - IBEC (Brazil)
Inaiara Barallos - IBEC (Brazil)
Wilton Baptista - IBEC (Brazil)
Caezar Bendiul - ALAEST (Brazil)
Ygor Vicente de Oliveiha - Petrobas (Brazil)
Diana Ma Isprone - BCI (Columbia)
Jose Ramon Calix - CICH (Honduras)
Carlos Martinez Arjona - CICH (Honduras)

ICEC Delegates – Region 2
Angela Pammenter - ACostE (United Kingdom)
Robert de Vries - DACE (The Netherlands)

ICEC Delegates - Region 3
Osei Agyemang-Badu - GhIS (Ghana)
Priscilla Osei Asante - GhIS (Ghana)
Jennifer Majimi - IQSK (Kenya)
Andrew Mandere - IQSK (Kenya)
Battah Ndripaya - NIACE (Nigeria)
M.J. Timus Maritz - ASAQS (South Africa)

ICEC Delegates - Region 4
Peter Clack - AIQS (Australia)
Grant Warner - AIQS (Australia)
Lani Kirby - AIQS (Australia)
Keith Yim - HKIS (Hong Kong)
Paul Wong - HKIS (Hong Kong)

2.b Apologies

Formal apologies were received from 7 ICEC office holders and member delegates/representatives.

Region 2
Bill Pryke - CICES CEO & CICES Delegate (United Kingdom)
Emanuele Banchi - AICE President & AICE Delegate (Italy)
Alan Bartrop - ACostE Delegate (United Kingdom)

Region 3
Michael K. Frimpong - GhIS Delegate (Ghana)
Mercy Iyortyer - NIQS President (Nigeria)
Rob Pearl - ICEC Region 3 Director (South Africa)

Region 4
Jeremy Shearer - NZIQS President (New Zealand)

3.0 Minutes of Previous Meeting – 39th Council Meeting

The minutes of the 39th Session of Council held on 18-19 October 2014 in Milan, Italy (included in the Meeting Agenda Book pages 9-32) were taken as read and were approved without amendment.
4.0 Matters Arising From Minutes

There were no matters arising from the minutes.

5.0 Officer's Reports

5.a ICEC Chair

ICEC Chair, Alexia Nalewaik, welcomed the meeting attendees and provided an overview of her written report which is contained in the Meeting Agenda Book (pages 36-37). She focused on the implementation of the ICEC Strategic Plan and ICEC programs/projects during her term and outlined the extensive number of meetings and congresses that she attended as ICEC Chair during her 2 year term. She concluded by thanking all ICEC executive members, delegates and member associations for their support and assistance during her term. General discussion followed on the points raised.

5.b Senior Vice-Chair

Senior Vice Chair, TT Cheung, provided a provided an overview of his written report which is contained in the Meeting Agenda Book (page 39). He highlighted two key strategic objectives – the development of a draft ICEC conference manual and the creation of an ICEC young chapter.

5.c Administrative Vice-Chair (1)

Administrative Vice-Chair, Kwadwo Osei-Asante, provided an overview of his written report which is contained in the Meeting Agenda Book (pages 41-44). He focused on activities in ICEC Region 3 (Africa) and the various issues/challenges faced in the region.

5.d Administrative Vice-Chair (2)

Administrative Vice-Chair, Andrej Kerin, provided an overview of his written report which is contained in the Addendum to the Meeting Agenda Book Addendum (pages 3-13). He focused on his work for ICEC in collaborating with IPMA on various initiatives.

5.e Technical Vice-Chair

Technical Vice-Chair, Angelo Valle, provided an overview of his written report which is contained in the Meeting Agenda Book Addendum (pages 14-16). He focused on his work in the field of international standards and his role in the Brazilian Association of Technical Standards (ABNT – Associação Brasileira de Normas Técnicas) which is the official Brazilian agency for technical standardization in the International Standards Organization (ISO).

5.f Advisory Board Chair Report

Roger Batten provided an overview of his written report which is contained in the Meeting Agenda Book (pages 48-49). Roger detailed the activities of the Advisory Board over the past two years and discussed his suggestions for moving ICEC forward. He highlighted the importance of the ICEC Advisory Board and the role of ICEC Ambassadors to assist this.
5.g  Immediate Past Chair

Immediate Past-Chair, Crasten Wredstrom, provided a verbal report on the progress of ICEC over the past two years. He congratulated Alexia Nalewaik on her tremendous work and achievements as ICEC Chair.

5.h  Region 1 Director’s Report

Region 1 Director, Paulo Dias, (IBEC) provided an overview of his written report which is contained in the Meeting Agenda Book Addendum (pages 17-19). He spoke about the ‘Cost Engineers Day 2016’ held in Rio De Janeiro in May 2016 and the ICEC Region 1 meeting that was held during this event. Paulo then described the extensive amount of work that he and the IBEC team have undertaken in travelling to many South/Central American countries to collaborate with professional engineering organisations and promote ICEC to these organisations. He then concluded with a summary of his extensive activities personally as ICEC Region 1 Director.

5.i  Region 2 Director’s Report

Region 2 Director, Gianluca di Castri, (AICE) provided an overview of his written report which is contained in the Meeting Agenda Book (pages 53-56). He focused on the specific issues and challenges faced in Region 2 which included the lack of a strong professional identity for the project cost management profession in most parts of Europe.

5.j  Region 3 Director’s Report

Region 2 Director, Rob Pearl, (ASAQS) was unable to attend the meeting due to other commitments. He did however provide a written report which is contained in the Meeting Agenda Book (pages 58-59). Reference was made to his report for noting.

5.k  Region 4 Director’s Report

Region 2 Director, Teoh Wooi Sin, (SISV) was unable to attend the meeting due to work commitments. ICEC Senior Vice-Chair, TT Cheung, spoke briefly on Teoh Wooi Sin’s behalf in relation to Region 4 activities.

5.l.i  Secretary-General Report

ICEC Secretary General, Peter Smith, was absent on the first day of the meeting (Saturday 8 October) due to work commitments. He presented his report on the following day (Sunday 9 October). However, for the purposes of clarity, his report is referred to here in accordance with the formal ICEC Agenda. Peter provided an overview of his written report which is contained in the Meeting Agenda Book (pages 61-72). Peter commenced by congratulating Alexia Nalewaik for her work as ICEC chair and thanked the ICEC Executive and all ICEC officers for their work and support.

Peter then thanked the AIQS for their continued support in hosting the ICEC Secretariat – a role they have undertaken since 2004. He then provided an overview of regional meetings and Skype meetings held during 2014-16. Peter then highlighted the main secretariat activities over the past two years.
5.1.ii Secretary-General Financial Report

Peter Smith presented the interim ICEC Financial Report for the 2014-16 term. He explained that the financial report figures excluded some income/expenditure to the end of October 2016 that will include additional membership fee payments and expenses associated with the 2016 Brazil Congress. A final financial report will be issued for the 2014-16 period after closing of the books for the current ICEC Administration. He also noted that the Chair’s expenses significantly exceeded the amount shown but substantial financial contributions were made by the Chair personally to cover these costs. He thanked Alexia Nalewaik on behalf of ICEC for these personal contributions.

Overall, the income received for the 2014-16 term was below that budgeted for (Budgeted Income A$88,000 – Actual Income $79,103). This was largely due to shortfalls in membership fees, the ICEC International Congress Levy and lower interest returns on the ICEC term deposit. However, this shortfall was carefully monitored by the Secretary-General and expenditure was controlled accordingly. This resulted in expenditure well below the budgeted allowance (Budgeted Expenditure – A$ 88,000 – Actual Expenditure $75,365). This resulted in a positive balance of A$ 3,737. However, it was noted that expenses of $ 3,646 had been transferred to the 2012-14 ICEC financial period as these related to the 2012-14 ICEC Budget (2012-14 ICEC Chair expenses and 2014 Milan Congress expenses for the Secretary General).

Discussion ensued on the financial report. Peter Smith noted that some member associations had outstanding membership subscription fees but that these were generally limited to the smaller associations. He outlined the efforts being made to encourage these associations to pay their fees and asked for assistance from each ICEC Regional Director. He also noted that one association had resigned from ICEC membership during 2014-16 but that strategies were in place to encourage this association to reconsider. This was also countered by 2 new member associations joining ICEC during the 2014-16 term.

Peter spoke about the issue of smaller ICEC member associations who had yet to pay their fees and suggested an amnesty on previous years’ fees for these associations to encourage them to become active again in ICEC activities. This was agreed in principle by the meeting delegates. The importance of the larger ICEC member associations in supporting the development of these smaller member associations was also discussed.

The Financial Report was then voted on and accepted by ICEC Council delegates.

6.0 ICEC Governance Structure – Update & Strategic Directions

ICEC Chair, Alexia Nalewaik, and ICEC Senior Vice-Chair, TT Cheung, provided an update on the ICEC Governance Structure that was approved at the last ICEC Council meeting in Milan, Italy in October 2016. They commented that the Governance Structure was being implemented reasonably well but there was room for further improvement.

General discussion ensued and there was general agreement that the current Governance Structure should remain in place and be reviewed again at the next Council meeting. This was voted on and approved by meeting delegates.

They then proposed new ICEC Director Positions that comprised the following:

- ICEC Research Director
- ICEC Director – South/Central America (ad-hoc position)
- ICEC Director – ICEC/IPMA Collaboration (ad-hoc position)
Considerable discussion ensued on these positions. The importance of the Research Director position was recognized as was the position to support ICEC/IPMA collaboration.

However, there was disagreement on the need for the new South/Central America position. Comments were raised that there was a greater need for a position representing areas that were currently not in the ICEC regional structure. A proposal was put forward to change this position to a Director for the Middle East.

These positions were then voted on by meeting delegates and the following positions were approved by delegates:

- ICEC Research Director
- ICEC Director – Middle East (ad-hoc position)
- ICEC Director – ICEC/IPMA Collaboration (ad-hoc position)

It was further agreed that the two ad-hoc positions would be reviewed every two years at each ICEC Council Meeting to determine whether these positions should continue or be revised/replaced/discontinued.

7.0 ICEC Action Plan 2016-18

The proposed ICEC Action Plan for 2016-18 was then presented to the meeting delegates. This is included in the Meeting Agenda Book (pages 77-78). ICEC Chair, Alexia Nalewaik, and Senior Vice-Chair, TT Cheung, developed this Action Plan in consultation with ICEC Executive Officers and Region Directors. Alexia and TT provided an overview of this plan and discussion ensued.

Action plan items for the development of an ICEC Conference Manual and an ICEC Young Members Group were highlighted.

The 2016-18 Action Plan was then voted on and approved by the meeting delegates.

8.0 Memorandums of Cooperation (MOC)

The current Memorandums of Cooperation (MOC) that ICEC have with other kindred professional associations are noted in the Meeting Agenda Book (page 80).

Alexia Nalewaik noted these and then initiated discussion on further potential cooperative agreements. This included possible agreements with:

- The European Committee of Construction Economists (CCEC)
- The World Federation of Engineering Organisations (WFEO)

It was agreed by delegates that further agreements should be pursued during the 2016-18 term.

9.0 New ICEC Member Associations (MOC)

Alexia Nalewaik noted that 2 new membership applications had been approved during the 2014-16 term as follows:

CICH (Honduras) - Application approved 27 February 2016
PIQS (Philippines) - Application approved 27 February 2016
Alec Ray then gave a presentation on strategies to encourage further new ICEC Memberships. Alec provided a written report for this presentation titled ‘Establish an ICEC Associates Programme’ which is included in the Meeting Agenda Book (pages 82-83).

Discussion ensued and Alec put forward a proposal to adopt the strategies outlined in his written report. There was general agreement on the proposal and it was agreed that this would be developed further for formal approval during the 2016-18 term.

10.0 Global Initiatives – ISO, Competency Standards, Certification, etc.

Peter Smith, Alexia Nalewaik and TT Cheung provided updates on a range of global initiatives and strategies that included ICEC’s work/collaboration with the following:

- International Construction Measurement Standard (ICMS)
- International Ethics Coalition Opportunity
- Project Cost Management Body of Knowledge
- ICEC Global Research (BIM Menu, QS/CE Practices - Evolution/Comparison)
- ICEC Inventory of QS/CE Standards/Best Practices/Published Cost Sources
- World Federation of Engineers (WFEO)
- United Nations
- ISO Cost Management Standards
- Certification Programs

This included general discussion about each of these areas. As these items were presented for general information and discussion there were no matters that required voting on by meeting delegates.

11.0 Reports - Member Societies and Prospective Members

A number of member associations provided written reports that are included in the Meeting Agenda Book (pages 85-200) and in the Meeting Agenda Book Addendum (pages 20-29).

11.1 Region 1

AACE International (United States)
AACE International prepared a comprehensive written report that is included in the Meeting Agenda Book (pages 87-98). Alexia Nalewaik and John Livengood provided an overview of the report. Aldo Mattos, Chair of AACE Brazil, then spoke about AACE activities in Brazil and South America.

CIQS (Canada)
The CIQS prepared a written report that is included in the Meeting Agenda Book (pages 99-100). As there was no CIQS delegate at the meeting reference was made to the report for noting.

IBEC (Brazil)
IBEC prepared a written report that is included in the Meeting Agenda Book Addendum (pages 21-25). Paulo Dias, José Chacon and Angelo Valle (IBEC) provided an overview of this report.

CICH (Honduras)
Jose Ramon Calix and Carlos Martinez Arjona provided a verbal report on CICH activities.
11.2 Region 2

ACostE (United Kingdom)
ACostE provided a written report and presentation that is included in the Meeting Agenda Book (pages 103-109). Alec Ray & Roger Batten provided an overview of this report.

AICE (Italy)
AICE prepared a written report that is included in the Meeting Agenda Book (pages 110-141). Gianluca di Castri provided an overview of this report and also gave a detailed presentation on AICE activities and initiatives and put forward suggestions on how AICE can collaborate with ICEC member associations.

DACE (The Netherlands)
DACE prepared a written report that is included in the Meeting Agenda Book (pages 142-144). Robert de Vries provided an overview of this report.

CICES (Chartered Institution of Civil Engineering Surveying)
CICES prepared a written report that is included in the Meeting Agenda Book (pages 145-148). As there was no CICES delegate at the meeting reference was made to the report for noting.

PMA (Austria)
PMA prepared a written report that is included in the Meeting Agenda Book (pages 149-152). As there was no PMA delegate at the meeting reference was made to the report for noting.

ZPM (Slovenia)
ZPM prepared a written report that is included in the Meeting Agenda Book (pages 153-159). Andrej Kerin provided an overview of this report.

11.3 Region 3

ASAQS (South Africa)
Timus Maritz provided a verbal report on ASAQS activities.

GhIS (Ghana)
GhIS provided a written report that is included in the Meeting Agenda Book (pages 161-163). Kwadwo Osei Asante and Kofi Obeng-Ayirebi provided an overview of this report.

IQSK (Kenya)
IQSK provided a written report that is included in the Meeting Agenda Book Addendum (pages 26-29). Njeri Wachira Towey and Jennifer Majimi provided an overview of this report.

NIACE (Nigeria)
NIACE provided a written report that is included in the Meeting Agenda Book (pages 164-165). Charles Mbelede and Battah Ndirpaya provided an overview of this report.

NIQS (Nigeria)
Obafemi Onashile provided a verbal report on NIQS activities.
11.4 Region 4

**AIQS (Australia)**
The AIQS provided a written report that is included in the Meeting Agenda Book (pages 167-168). Grant Warner and Peter Clack provided an overview of the report.

**HKIS (Hong Kong)**
The HKIS provided a written report that is included in the Meeting Agenda Book (pages 169-173). Keith Yim and Paul Wong provided an overview of the report.

**NZIQS (New Zealand)**
The NZIQS provided a written report that is included in the Meeting Agenda Book (pages 174-176). As there was no NZIQS delegate at the meeting reference was made to the report for noting.

**RISM (Malaysia)**
The RISM provided a written report that is included in the Meeting Agenda Book (pages 177-182). As there was no RISM delegate at the meeting reference was made to the report for noting.

**SISV (Singapore)**
The SISV provided a written report that is included in the Meeting Agenda Book (pages 183-187). As there was no SISV delegate at the meeting reference was made to the report for noting.

**Other Region 4 Reports**

Some of the other ICEC Region 4 member associations prepared reports for the PAQS 2016 Board Meeting held in Christchurch, New Zealand on 21 May 2016. As these reports provide information that is applicable for the ICEC member association reports, permission was obtained from the PAQS Secretary, Ms. Katherine Thiang, to reproduce these reports in the Meeting Agenda Book. Accordingly, the following additional written PAQS member reports were noted and included in the Meeting Agenda Book on the pages as indicated:

- **CECA – China** (pages 188-190)
- **FIQS – Fiji** (pages 191-192)
- **IQSSL – Sri Lanka** (pages 193-196)
- **PICQS – The Philippines** (pages 197 – 200)

12.0 Region Workshops (Concurrent Workshop Sessions)

For this agenda item, the meeting delegates broke into 4 separate workshop groups for each of the ICEC regions. The purpose of the workshops was to discuss issues, strategies, ideas and suggestions for each region to assist ICEC in improving the value of its operations on a regional basis.

Lengthy discussions were held in each of the workshop groups.

13.0 Region Workshop Outcomes

At the completion of the workshops, meeting delegates from each of the 4 workshop groups reported back with a summary of the outcomes. This was then be followed by general discussion and suggestions for the development of regional strategies.

It was agreed that the ICEC Region Directors for 2016-18 would take these regional comments and suggestions on board for further review and development.
14.0 Co-Operation with other Bodies

14.a Africa Association of Quantity Surveyors (AAQS)
KH Osei Asante (ICEC Admin Vice-Chair) provided a verbal report on AAQS activities.

14.b International Federation of Surveyors (FIG) – Commission 10
Roger Batten (ICEC Advisory Board Chair) provided a verbal report on FIG Commission 10. He noted that the 2017 FIG Working Week is scheduled to be held from 29 May - 2 June 2017 in Helsinki, Finland.

14.c International Project Management Association (IPMA)
Andrei Kerin referred to his previous ICEC Region 2 Director report that included details about ICEC’s collaboration with IPMA.

14.d Pacific Association of Quantity Surveyors (PAQS)
TT Cheung provided a verbal report on ICEC’s collaboration with PAQS.

14.e Royal Institution of Chartered Surveyors (RICS)
Alexia Nalewaik made reference to ICEC’s involvement with the RICS as a trustee in the International Construction Measurement Standards (ICMS) Coalition.

15.0 ICEC World Congresses

15.a 2016 10th ICEC World Congress – Region 1 (Rio De Janeiro, Brazil)
Hosts – Brazilian Institute of Cost Engineers (IBEC)
Paulo Dias, José Chacon and Ângelo Valle provided an update on the final preparations for the 2016 10th ICEC World Congress that will follow the Council Meeting.

15.b 2018 11th ICEC World Congress & 22nd PAQS Congress - Region 4
15-20 November 2018 – Sydney, Australia
Hosts – Australian Institute of Quantity Surveyors (AIQS)
Grant Warner and Peter Clack provided a written report (included in the Meeting Agenda Book – page 207) and gave a presentation on the preparations and plans for the joint ICEC/PAQS Congress in Sydney, Australia.

15.c 2020 12th ICEC World Congress - Region 3
Discussion was held on the potential hosts/venues for the 2020 Congress in Region 3 (Africa). The African delegates at the meeting agreed that the two main potential hosts for the event would be the Association of South African Quantity Surveyors (ASAQS) and the Ghana Institution of Surveyors (GhIS). It was proposed that the ASAQS and GhIS would have further meetings to determine who would host the 2020 event and that the ICEC Council would accept their mutual decision. In the event that the associations may not reach agreement then the hosting would be put to a vote of ICEC member associations. This proposal was accepted by meeting delegates and the ASAQS and GhIS were asked to inform the new ICEC Chair and ICEC Executive Board of their decision as soon as reasonably possible.
16.0 ICEC Region Meetings 2015-2016

Details of ICEC Region Meetings held during 2015-16 and associated meeting minutes, notes and presentations are included in the Meeting Agenda Book (pages 208-329).

Reference was made to these details for the following Region Meetings:

16.a Region 1

2015
Panama City, Panama – 27 September 2015
(hosted by IPMA and held in conjunction with the 50th IPMA Anniversary World Congress & Board Meetings from 26-30 September 2015)

2016
Rio de Janeiro, Brazil – 9 May 2016
(hosted by IBEC and held in conjunction with the IBEC Annual Meeting and annual Brazil Cost Engineering Day from 9-10 May 2016)

16.b Region 2

2015
Paris, France – 18 April 2015
(hosted by SMaP)

2016
Como, Milan, Italy – 7 May 2016
(hosted by AICE with a special seminar preceding the meeting on 6 May 2016).

16.c Region 3

2015
Lagos, Nigeria – 20 November 2015
(hosted by the NIQS and held in conjunction with the AAQS Council Meeting and NIQS Congress from 17-21 November 2015)

2016
Dar es Salaam, Tanzania – 19 August 2016
(hosted by the Tanzania Institute of Quantity Surveyors and held in conjunction with the AAQS General Assembly Meeting and Congress from 18-19 August 2016).

16.d Region 4

2015
Yokohama, Japan – 30 May 2015
(held in conjunction with the annual PAQS Board Meeting and 19th PAQS Congress from 28 May – 1 June 2015)

2016
Christchurch, New Zealand – 21 May 2016
(hosted by the NZIQS and held in conjunction with the annual PAQS Board Meeting and 20th PAQS Congress from 20-24 May 2016).
17.0 Communications & ICEC Website

Peter Smith commented that the ICEC Secretariat and Executive Officers continue to implement and explore ways of improving communication and sharing of information amongst member associations and the individual members of these associations in particular. This continues to be one of the greatest challenges facing ICEC. Peter referred to his Secretary-General’s Report (Section 5.I.I) that provided an outline of current initiatives and suggestions for improving communications.

The purpose of this agenda item was to progress this further and discuss strategies to improve communication both within and outside the ICEC network and to receive feedback/suggestions from ICEC delegates and member associations.

The main items for discussion in this section were:

b. International Roundup Newsletter
c. Promotional Materials
d. ICEC Prospective Member Information Kit
e. Improving ICEC Communications
f. ICEC Website
g. Sponsorship & General Income Generation Strategies.

Reference was made to details for each of these items that are included in the Meeting Agenda Book (pages 342-366).

18.0 ICEC Accreditation of Certification and CPD Programs

Details of the ICEC Accreditation system are included in the Meeting Agenda Book (pages 367-373). Peter Smith provided a quick overview of this accreditation system and encouraged member associations to submit their various certification and CPD programs for accreditation. He noted that member associations who currently have ICEC accredited programs are:

- AACE (Association for the Advancement of Cost Engineering International)
- IBEC (Brazilian Institute of Cost Engineers)
- AcostE (Association of Cost Engineers - United Kingdom)
- AICE (Italian Association for Total Cost Management)
- DACE (The Netherlands), ZPM (Slovenia)
- AIQS (Australian Institute of Quantity Surveyors)
- NZIQS (New Zealand Institute of Quantity Surveyors)
- RISM (Royal Institution of Surveyors Malaysia)
- SISV (Singapore Institute of Surveyors and Valuers)
- ASAQs (Association of South African Quantity Surveyors)
- PICQS (Philippine Institute of Certified Quantity Surveyors)

19.0 Kenneth Humphreys Paper Award for Young and Student Members

Peter Smith provided a written report on the Humphreys Award that is included in the Meeting Agenda Book (page 375). Awards are available in each of the fields of Cost Engineering (CE), Quantity Surveying (QS) and Project Management (PM).
2 papers were submitted for the award – one for the Quantity Surveying Award and one for the Project Management Award. The papers were submitted by the South African Association of Quantity Surveyors (ASAQS) and the Association for the Advancement of Cost Engineering – International (AACE).

Peter Smith noted that the Award Committee felt that both of the papers submitted were of a high standard and worthy of the award. Accordingly, the winners of the 2016 Kenneth K. Humphreys Outstanding Paper awards were:

**Cost Engineering Award**
Author: Muhammad Yaseen Bhamjee (South Africa)
Paper Title: Lighting Retrofits - Home Owner Mind-Sets Toward Energy Efficiency
Submitted by: Association of South African Quantity Surveyors (ASAQS)

**Project Management Award**
Author: Jessica Colbert (USA)
Paper Title: Avoiding CPM Schedule Mismanagement: Maximize Uses
Submitted by: AACE International

These awards will be presented at the 2016 ICEC World Congress gala dinner that will follow the ICEC Council Meeting.

**20.0 Election of Officers for 2014-16**

The nominations from the ICEC Nominating Committee for ICEC Executive Officer positions and co-opted positions for 2016-18 are included in the Meeting Agenda Book (page 377-378).

Discussion ensued on these positions. Changes were proposed for the following positions:

Region 1 Director: Original Proposal - Madhu Pillai (change to Paulo Dias)
Director – Central/South America - Paulo Dias (change to Director – Middle East – Madhu Pillai)

These changes were voted on and approved by the meeting delegates.

Discussion was then held on the ICEC Region Deputy Director positions. These are co-opted ICEC officer position nominations that are proposed by the incoming Region Directors in collaboration with the ICEC Chair, ICEC Executive Board and ICEC member associations. The Meeting Agenda Book included a list of proposed Deputy Director positions. However, discussion was held on whether more time was needed to determine these positions in collaboration with all the relevant parties.

Accordingly, it was proposed that the new ICEC Deputy Director positions would be determined later by the incoming ICEC Region Directors in collaboration with all relevant parties and that these positions would be finalized in early 2017. This was voted on and approved by the meeting delegates.

The recommendations for the ICEC Executive Board, ICEC Region Director, the new ICEC Director positions and the ICEC Ambassadors were then voted on and approved by the meeting delegates.

Therefore, the following nominees were all declared elected.
2016-18 Executive Board
Chair - TT Cheung (Hong Kong)
Senior Vice-Chair - Kwadwo Osei-Asante (Ghana)
Administrative Vice-Chair - Gianluca di Castri (Italy)
Administrative Vice-Chair - Julie Owen (USA)
Technical Vice Chair - Dr Angelo do Valle (Brazil)
Secretary-General - Dr Peter Smith (Australia)
Advisory Board Chair - Roger Batten (United Kingdom)
Immediate Past ICEC Chair - Dr Alexia Nalewaik (USA)
ICEC Advisory Board Chair - Roger Batten (United Kingdom)

2016-18 Regional Directors
Region 1 Director - Paulo Dias (Brazil)
Region 2 Director - Alec Ray (United Kingdom)
Region 3 Director - Kofi Obeng Ayirebi (Ghana)
Region 4 Director - Eugene Seah (Singapore)

2016-18 New ICEC Director Positions
Research Director - Dr Alexia Nalewaik (USA)
Director – Middle East - Madhu Pillai (Saudi Arabia)
Director – ICEC/IPMA Collaboration - Andrej Kerin (Slovenia)

ICEC Ambassadors
Alexia Nalewaik - ICEC Chair 2014-16
Carsten Wredstrøm - ICEC Chair 2012-2014
Murtala Oladapo - ICEC Chair 2010-12
Peter Cox - ICEC Chair 2008-10
Ginette Basak - ICEC Chair 2006-08
Basie Verster - ICEC Chair 2004-06
Dennis Lenard - ICEC Chair 2000-02
Allen Hamilton - ICEC Chair 1998-2000
Christopher Walker - Inaugural ICEC Chair 1976-1980
Ong See Lian - RICS Global President 2011-12, PAQS Chair 2003-05, RISM President 2003-04
Adesh Jain - IPMA Chair 2007-08, ICPMA President 2008-09, PMA-India Hon National President

21.0 ICEC Budget and Subscription Fees for 2016-18

Peter Smith provided a written report on the proposed ICEC Budget and Subscription Fee Structure that is included in the Meeting Agenda Book (page 380).

Peter provided an overview of the report and noted that ICEC membership subscription fees have basically remained the same since April 2004. He added that whilst there is a need to increase fees for the 2016-18 term to counter the effects of inflation and to also provide greater scope for ICEC to enhance the level and quality of services to member association, this needs to be balanced against the capacity of member associations to pay increased fees particularly in the current challenging environment for professional associations.

Peter commented that the ICEC Executive Officers had discussed this issue prior to the Council Meeting. There was a consensus amongst the Executive that ICEC subscription fees and other fees should not change.

Therefore Peter Smith proposed that there be no change to the ICEC Subscription and Fee Structure for the 2016-18 term.

This was voted on and approved by meeting delegates.
Accordingly, the approved **ICEC Subscription and Fee Structure for 2016-18 (in A$)** is as follows:

<table>
<thead>
<tr>
<th>Annual Membership Fees (Full Members)</th>
<th>A$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee per individual member</td>
<td>0.65</td>
</tr>
<tr>
<td>Fee per organisational member</td>
<td>16.00</td>
</tr>
<tr>
<td>Minimum annual fee</td>
<td>425.00</td>
</tr>
<tr>
<td>Maximum annual fee</td>
<td>10,700.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Annual Membership Fees (Associate Members)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee per individual member</td>
</tr>
<tr>
<td>Fee per organisational member</td>
</tr>
<tr>
<td>Minimum annual fee</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>International World Congress &amp; Forum Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>International World Congress - Fee per delegate</td>
</tr>
<tr>
<td>(Note – No maximum fee for International World Congress)</td>
</tr>
<tr>
<td>ICEC Endorsed Forums - Fee per paid delegate</td>
</tr>
<tr>
<td>ICEC Endorsed Forums - Maximum forum fee</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Annual Certification/CPD Program Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee per certified individual</td>
</tr>
<tr>
<td>Maximum certification fee</td>
</tr>
</tbody>
</table>

Peter Smith then presented the proposed 2016-18 Budget that is included in the Meeting Agenda Book (page 381). He commented that the ICEC Executive Officers had also discussed this budget prior to the Council Meeting.

Discussion was then held on the proposed budget. No changes were recommended so Peter Smith proposed that the 2016-18 Budget be approved without change.

This was voted on and approved by meeting delegates.
The approved **ICEC Budget for 2016-18 (in A$)** is therefore as follows:

### Income

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ICEC Account - Interest</td>
<td>4,500.00</td>
</tr>
<tr>
<td>2</td>
<td>ICEC Accreditation Fees (included in Subscription Fees)</td>
<td>0.00</td>
</tr>
<tr>
<td>3</td>
<td>ICEC Forums</td>
<td>0.00</td>
</tr>
<tr>
<td>4</td>
<td>ICEC International Congress Levy</td>
<td>10,000.00</td>
</tr>
<tr>
<td>5</td>
<td>Subscriptions &amp; Prior Year Subscriptions</td>
<td>75,000.00</td>
</tr>
<tr>
<td>6</td>
<td>Miscellaneous</td>
<td>500.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>90,000.00</strong></td>
</tr>
</tbody>
</table>

### Expenditure

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chair Expenses</td>
<td>10,000.00</td>
</tr>
<tr>
<td>2</td>
<td>Congress Expenses</td>
<td>1,000.00</td>
</tr>
<tr>
<td>3</td>
<td>Gifts &amp; Awards</td>
<td>500.00</td>
</tr>
<tr>
<td>4</td>
<td>Secretariat Services &amp; Office Expenses</td>
<td>43,000.00</td>
</tr>
<tr>
<td>5</td>
<td>Secretary-Treasurer Expenses</td>
<td>24,500.00</td>
</tr>
<tr>
<td>6</td>
<td>Region 2 Expenses</td>
<td>5,000.00</td>
</tr>
<tr>
<td>7</td>
<td>ICMS Expenses</td>
<td>1,000.00</td>
</tr>
<tr>
<td>8</td>
<td>Publications/Marketing Materials</td>
<td>500.00</td>
</tr>
<tr>
<td>9</td>
<td>Website Maintenance/Development</td>
<td>2,000.00</td>
</tr>
<tr>
<td>10</td>
<td>Miscellaneous</td>
<td>2,500.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>90,000.00</strong></td>
</tr>
</tbody>
</table>

(Note: ICEC Member organizations must ratify the Subscription and Fee Structure within 90 days after the posting of these minutes on the ICEC website in order for them to take effect. Votes must be submitted, aye or nay, within that time. Lack of a response within 90 days shall be taken as acceptance of this proposal).

### 22.0 ICEC 2016 Awards

The nominations for ICEC Awards and nominating letters (where required) are included in the Meeting Agenda Book (pages 382-404).

ICEC Chair, Alexia Nalewaik, closed the meeting to those attendees who had been nominated for the Distinguished International Fellow (DIF) Award. Discussions were then held on each DIF Award nominee and voting held.

The DIF award recognises individuals who have made significant contributions to ICEC and to the association or institute of which they are a member for a period of years. The award criteria is that they must:

1. Have held a significant volunteer position in both ICEC and a member association or institute;
2. Have had significant involvement over a period of several years in both ICEC and a member association or institute; and
3. Must have made a significant contribution to the development of the cost management profession
Five DIF nominations were received. After discussion on the nominations it was proposed that a vote be taken collectively on all five nominations.

The nominations were voted on and 4 nominations were approved by the meeting delegates.

One nomination was rejected but was approved by the meeting delegates for a Special Central/South America Award.

Accordingly, the newly approved ICEC Distinguished International Fellows (DIF) are:

1. Madhu Pillai (Saudi Arabia – nominated by AACE International)
2. Emanuele Banchi (Italy – nominated by AICE)
3. Peter Smith (Australia – nominated by AIQS)
4. Angelo Valle (Brazil – nominated by IBEC)

Following the approval of the awards the nominees in attendance returned to the meeting and were informed of the decision. The awards would be conferred at the Congress Gala Dinner following the Council Meeting.

The Chair, Alexia Nalewaik, then informed the meeting that the ICEC Executive had decided that the other reward recipients should be kept confidential and announced at the Congress Gala Dinner. This would add an element of anticipation for the award and would provide a nice surprise for the winners.

The following awards were subsequently made at the dinner:

**ICEC Chair Award:**
- TT Cheung (Hong Kong)
- Peter Smith (Australia)

**ICEC Region 1 Award:**
- State Deputy Luis Paulo (Brazil)
- State Deputy Paulo Ramos (Brazil)

**ICEC Region 2 Awards:**
- Andrej Kerin (Slovenia)
- Alec Ray (United Kingdom)

**ICEC Region 3 Award:**
- Prof JJP (Basie) Verster (South Africa)
- Prof Rob Pearl (South Africa)

**ICEC Region 4 Award:**
- Julie Cruz (The Philippines)
- Keith Yim (Hong Kong)

**Special Central/South American Awards:**
- Maria Teresa Zapata
- Maria Teresa Pino
- Alejandro Vargas
- Alfredo Serpell
- José Calix
- Diana Espinosa Bula
- MNST Eng. Amparo López
- Edson Bez da Silva (Edinho Bez)

A certificate and present were also presented to Alexia Nalewaik at the dinner for her work as ICEC Chair.
23.0 Any Other Business

There was no further business raised by meeting attendees.

24.0 Next Full Council Meeting

The venue for the next full ICEC Council Meeting was announced by Grant Warner and Peter Clack (AIQS) as Sydney, Australia in November 2018. The meeting will be held in conjunction with the joint 2018 11th ICEC World Congress & 22nd PAQS Congress from 15-20 November 2018. The specific dates of the Council Meeting will be provided in due course.

25.0 Closing Remarks - New ICEC Chair

Outgoing ICEC Chair, Alexia Nalewaik, turned the gravel over to the Incoming Chair, TT Cheung, who made closing remarks and thanked Alexia on behalf of ICEC for her work over the past two years.

26.0 Adjournment

Alexia Nalewaik then adjourned the meeting on Sunday 9 October at approximately 5.30 PM.

Respectfully submitted,

Peter Smith
ICEC Secretary General

(Note: Electronic copies of these minutes, the Meeting Agenda Book and the Meeting Agenda Book addendum are available on the ICEC website)
ITEM 5

Matters Arising from the 40th Council Meeting Minutes
8/9 October 2016
Rio De Janeiro, Brazil
ITEM 6
ICEC EXECUTIVE OFFICER REPORTS

a. Chair – TT Cheung
b. Senior Vice Chair – Kwadwo H Osei-Asante
c. Administrative Vice Chair – Gianluca di Castri
d. Administrative Vice Chair – Julie Owen
e. Technical Vice Chair – Angelo do Valle
f. Advisory Board Chair - Roger Batten
g. Immediate Past Chair - Alexia Nalewaik
h. Region 1 Director - Paulo Dias
i. Region 2 Director - Alec Ray
j. Region 3 Director - Kofi Obeng Ayirebi
k. Region 4 Director - Eugene Seah
l. Research Director – Alexia Nalewaik
m. ICEC/IPMA Director - Andrej Kerin
n. Middle East Director - Madhu Pillai
o. Secretary-General – Peter Smith

I. Secretary General Report
II. Financial Report
ITEM 6.a – Chair Report – TT Cheung, JP

It is my honour to have served the ICEC as chairman for the last two years. It has been an unforgettable experience in my life. I have made a lot of friends around the world and get to know our profession better under different perspectives.

One of my biggest challenges during my chairman term was frequent travelling, in particular for the long haul one. My first long haul flight was to fly 33 hours from Hong Kong to Rio de Janeiro in October 2016 to take up the chairmanship. Then my travel diary was like this:

July 2017 – Vancouver, attending PAQS Congress and ICEC Region 4 meeting (13 hours flight)
November 2017 – London, attending the ICEC Region 2 meeting (12 hours flight)
February 2018 – Palm Spring, USA, attending the ICEC Region 1 meeting (12 hours flight)
March 2018 – Beijing, meeting with CECA (3 hours flight, the shortest trip)
June 2018 – San Diego, attending the AACE Conference (12 hours flight)
November 2018 – Sydney, attending the ICEC and PAQS congresses

There was supposed a trip to Africa last year to attend the AAQS conference and Region 3 meeting but the conference was postponed due to political reasons. Otherwise it would be added to my chairman’s travel diary.

Despite the long travels, I enjoyed all the trips very much as it gave me a personal feel on the diverse interests and focus of our profession in different areas of the world. I would like to take this opportunity to thank you for the hosting organizations for their wonderful treatment to me during my stay. I would also like to thank HKIS for their financial support to most of my trips to enable me to deliver my commitments to ICEC.

How to extend the coverage of ICEC over the world is one of my big agenda. ICEC is geographically grouped under 4 regions: Region 1 – Americas, Region 2 – Europe, Region 3 – Africa and Region 4 – Asia. I heard a strong voice from our friends in South America for the formation of Region 5 – Central and South America. I am inspired by the hard work of IBEC in strengthening the cost engineering profession in Latin America where IBEC had signed co-operation agreements with 5 Latin American countries: Argentina, Bolivia, Colombia, Cuba and Honduras. Honduras joined ICEC last year and I wish the rest of the Latin American countries would follow soon.
The Board saw the apparent missing link with the Middle East and the Russian speaking countries. I am indebted to the tremendous effect made by Madhu Pillar in building up our link in the Middle East. I am also very pleased to have Sean Regan’s assistance in venturing between the Eastern European countries and the Russian speaking countries to see how ICEC would open a new chapter in this area. As a travelling fan, I always enjoy following Sean’s facebook on where he is. His travelling frequency is simply amazing. I sincerely wish that we can achieve something in the near future.

For Region 4, I am pleased to report that I have tried my best to persuade and convinced my friends from Brunei and Indonesia to join ICEC as Associate Member. I am yet to hear the good news from our Korean friend. I will continue to watch out for any opportunity to get the countries in Indo-China (Vietnam, Bangkok, Laos, Myanmar) and those along the “One Belt One Road” countries (Kazakhstan, Uzbekistan, Turkey, Mongolia, Pakistan, etc) to join ICEC. To this end, I will continue as the ICEC Ambassador to CECA to tap their relationship with the One Belt One Road countries.

For Region 3, our existing members are mostly located in the middle to southern part of Africa. I am given to understand by our incoming chair, Osei-Asante, that he had a plan to get the French speaking countries from the north of Africa to join ICEC. I will leave this to his able hand.

With our growth, we should work in closer collaboration with other international organizations, in particular those which we have signed MOUs, instead of competition. The relationship of ICEC and AACE is a good example. We live with mutual benefit. You may aware that there is an agenda to call for your valuable comments on how ICEC should position itself in the world and I encourage you to actively participate in the discussion which follows shortly.

My biggest wish in my chairman term is to create a young chapter for ICEC. I have spent many years to build the foundation for its set up. I personally met up with the outstanding young professionals while I was in Brazil, US and the UK to hear their views on my initiative. A Task Force on the formation of the young chapter for ICEC was formed with excellent representation around the world and they have worked hard to make my dream comes true. A proposal has been prepared by the Task Force and it is now being discussed and comments collected at the PAQS YQS Group meeting today. This morning, Osei, Peter and I went to meet them and explain the background of the initiative and I would expect that they come up with a final proposal to present it at our Board meeting for approval to formally set up the ICEC Rising Professional Group.
The preparation of the ICEC Construction Glossary in multiple languages is at the final stage. I am thinking of tasking our new RPG to expand the glossary to cover more terms.

I have not forgotten the production of an ICEC Business Directory as most members agree that the business directory will facilitate members in sourcing partners or assistance when cross-countries services are needed.

Apart from certification, ICEC always see research and sharing of cost data as its important core value. I am hoping to see your views on what sort of research and cost data you would like to make use of the ICEC international platform so that Alexia, our Research Director, would be able to come up with a more detailed plan.

I would like to congratulate AIQS led by Professor Anthony Mills, who is also Deputy Director of Region 4, for the successful organization of the joint ICEC and PAQS conference in the beautiful city of Sydney. I wish everyone a wonderful stay in Sydney, make the best of your time to meet old friends and make new friends here and bring a good memory back home.

Finally, I wish to say thank you very much for all your great support during my term as chairman. I am truly indebted!

I bought a gift for ICEC. It is a new set of gavel as I have only got the hammer from Alexia in Brazil without the base plate. I will pass the new set to Osei.
1.1 Duties Performed
In accordance with Article IV of the Constitution and Bylaws of the International Cost Engineering Council, as amended in November 2014, the Senior Vice-Chair:

a) was an active member of the Executive Committee and partook in all Skype Meetings of the Committee in furtherance of management of the Council,

b) administered the assets of ICEC and has given account of the balance sheets which have been submitted for discussions and approval,

c) in cooperation with the Secretary General and the Chair reviewed the action plan and corresponding budget for discussions and approval by the Council,

d) as Chair of the Membership Development Committee initiated moves by developing and maintaining relations with external organisations, coordinated activities to stimulate cost management associations to encourage the growth of ICEC through new membership, and

e) served as co-Chair of the Planning Committee.

It is noted that there was no review of the Constitution and Bylaws and the Strategic Plan.

2.0 Africa Cost Management Congress
Together with Mahdu Pillai, Sean, Njeri and Nic Bennet, the Proposed African Cost Management Congress as the primary audience to be used for the future of “Region 3 ICEC for the whole of Africa – North, South, East and West”, could not come on but must be resurrected, bearing in mind the role to be played by ICEC Members of French Society for the Advancement of Project Management (SMaP France), Association Francophone de Management de projet (L’ A F I T E P) and Instituto Brasileiro de Engenharia de Custos (IBEC).

I suppose that Sean’s confirmed sponsorship from Russia is still current and that he and Madhu’s engagement with the AACEI’s China task Force Leader Mr. Feng to explore sponsorship from Chinese companies operating in African Continent will materize.

3.0 Conclusion
From my engagements, it is noted that Language barriers of Francophone, Anglophone, Lusophone and Arabic countries could offer major challenges in the pursuit of ICEC objectives and should be addressed.

Secondly, ICEC should support the Regions in Education and Training in Project Management, Project Controls, Quantity Surveying and Cost Engineering and professional advancement/progression through Certification.

KH OSEI-ASANTE,
SENIOR VICE-CHAIR, ICEC
ICEC ADMINISTRATIVE VICE-CHAIR REPORT
2016-2018 Julie Owen CCP, PSP FAACE

It is my pleasure to serve as Administrative Vice Chair the past two years. I participated in the following ICEC Activities during this period:

- Participated in quarterly ICEC Executive Calls
- Conducted ICEC 2018 Region 1 meeting (USA)
- Attended ICEC 2017 Region 2 meeting (UK)
- Attended ACoste 2017 event (UK)
- Attended ICEC World Congress 2016 (Rio De Janeriro, Brazil)

As a executive of ICEC, much of my time was spent supporting participation in ICEC. As such I attended meetings and presented papers in multiple regions, and other member societies’ conferences and meetings around the world.

PRESENTATIONS

- ICEC World Congress 2018 (Sydney, Australia) OlympicFeat: How Los Angeles Metro is Managing Transit Upgrades
- China Power Development Forum 2018 (Wuzhen, China): Los Angeles Metro Program Management Information System
- InEight Future Now Forum 2018 (Scotsdale, Arizona): Owner’s Perspective Panel Discussion
- Project Controls Institute 2018 (Webinar) OlympicFeat: How Los Angeles Metro is Managing Transit Upgrades
- Google Tech Talk 2018 (Mountainview, California): OlympicFeat: How Los Angeles Metro is Managing Transit Upgrades
- Project Controls Expo 2017 (London, United Kingdom): LA Metro Implements Collaborative Risk Tracking. Author: Julie Owen, PSP, CCP
- Oracle Primavera Transportation Virtual Summit 2017: LA Metro Scheduling and Risk Management Innovation in P6. Author: Julie Owen, PSP, CCP
- AACE Annual Meeting 2017 (Orlando, Florida): LA Metro Implements Collaborative Risk Tracking. Author: Julie Owen, PSP, CCP
- AACE Russia TCM 2017 (Moscow, Russia): AACE State of the Association. Speaker: Julie Owen, PSP, CCP
- AACE Russia TCM 2017 (Moscow, Russia): Total Cost Management Overview. Author: Julie Owen, PSP, CCP
- AACE Russia TCM 2017 (Moscow, Russia): LA Metro Implements Collaborative Risk Tracking. Author: Julie Owen, PSP, CCP
- AACE Western Winter Workshop 2017 (Palm Springs, CA): LA Metro Implements Collaborative Risk Tracking. Author: Julie Owen, PSP, CCP
- ICEC World Congress 2016 (Rio De Janeriro, Brazil): Promoting the LA Metro Program Management Office Value Proposition. Author: Julie Owen, PSP, CCP
- AACE South Central Section Meeting 2016 (Northridge, CA): AACE State of the Association. Speaker: Julie Owen, PSP, CCP
- AACE Russia TCM 2016 (Moscow, Russia): AACE State of the Association. Speaker: Julie Owen, PSP, CCP
ICEC was established to promote cooperation between national and multinational cost engineering, quantity surveying and project management organizations worldwide for their mutual benefit and for that of their individual members. Key cooperation elements include:

- Sharing of information and lessons learned
- Increasing visibility of CE, PM & QS
- Leveraging resources of larger member organizations and peers
- Promoting the future of the profession
- Supervising stricter procedures surrounding accreditation of certification programs
- Encouraging growth of member associations
- Attracting new member organizations
- Supporting academic contribution and chartered research
- Developing academic programs
- Mentoring younger members

Comment on AACE International
Declining membership trends in international membership have caused the AACE Board to nationalize their focus. With decreasing revenues and limited understanding of ICEC membership benefits it is not clear Board leadership will continue to support ICEC membership. International membership trends (2008 to 2018) shown below:
ICEC Ambassadors and the Advisory Board

ICEC Ambassadors are drawn from experienced individuals who have held senior positions within ICEC, its member associations or other allied professional organisations.

The ICEC Advisory Board is selected from those Ambassadors who are available to advise the ICEC Executive, as and when required, on matters such as policy and strategy.

A question has been raised on the introduction of an ICEC equivalent of the IPMA certification programme. This has not previously been considered practical as several member associations already have their own successful programmes and ICEC certainly does not have the resources necessary to administer such a programme. However, ICEC does provide a range of professional competency standards developed by member associations in the development of their own education and certification programmes. The objective is to share information about the various standards for mutual benefit.

A further question has been raised over the recognition of professional qualifications for employment. It would appear to be entirely up to the employer what qualifications, if any, they would be prepared to recognise. Enlightened employers, one would hope, would always be looking for professionally qualified staff but, as we all know, not all employers are enlightened and not all staff see the need to be professionally qualified. It is not only up to ICEC member associations to be prepared to recognise other ICEC member association’s accreditation programmes but also for individual members of ICEC member associations to influence their own employers to recognise these programmes.

ICEC was established in 1976 to promote cooperation between national and multi national cost engineering, quantity surveying and project management organisations worldwide for their mutual benefit and for that of their individual members. Starting with four founder members ICEC has grown to include some forty eight member associations. Some of these member associations are, however, not renewing their membership on the premise that their membership of ICEC is no longer relevant in today’s world. This trend should be reversed by demonstrating the unique value of ICEC membership where the whole can be so much more effective than the sum of the parts. There are also other organisations who could participate and these should be encouraged to become members, if they so wish, with the support of the other ICEC members.

Although ICEC has elected Executive Officers and a centralised Secretariat, currently in Sydney, Australia, the organisation of ICEC member associations is divided geographically into regions to encourage communication and to foster joint congresses, symposia and forums. Each region has an appointed Regional Director and Secretary to coordinate and oversee activities and Deputy Directors to oversee specific activities. However, where the Middle East fits in remains uncertain. This should only be decided by member associations from the Middle East of which, at present, there are none –although I understand an Iranian Association for Cost Engineering has recently been launched.. Also – Overseas local Chapters, Sections or Regions of ICEC member associations in different Regions should be encouraged to participate in their local ICEC Region.

Since 1996 ICEC has had its own website providing a summary page and links to all member association websites. This website is continually evolving and contains detailed information about ICEC, including the ‘ICEC International Cost management Journal’ and the ‘ICEC International Roundup Newsletter’ as well as the ‘Requirements for Membership’, and the ‘Constitution and Byelaws’. The continuing development of this website and linkage to other websites should be a priority.
ICEC has reciprocal agreements with IPMA, FIG, AAQS, PAQS and RICS and has Roster Consultative Status granted by the United Nations Committee on Non-Governmental Organisations. There have been discussions in the UK with the Engineering Council and the Royal Academy of Engineering. More should be done to develop these, and other, contacts.

The ICEC budget is small in comparison with other equivalent organisations. The greater part of income comes from ‘Member Association Subscriptions’ which are based on a levy per individual member or corporation. Significant income also comes from ‘Certification and CPD Accreditation’ and ‘Congresses, Forums and Symposia.’ This is sufficient to fund the Secretariat and contribute to the Executive expenses. However, the rest of the Executive expenses and Regional expenses rely heavily on individual officers and delegates obtaining member association and company sponsorship or self funding. Any substantial increase in subscriptions may not be welcome but member associations, who do not already do so, should be encouraged to underwrite their ICEC Executive's and Delegate's expenses. Member associations should also be encouraged to designate their own conferences or meetings, where this does not already happen, an ICEC forum or symposium, thus providing a levy per delegate.

Roger M Batten
10th October 2018
This year, ICEC’s World Congress is hosted in conjunction with PAQS by AIQS in Sydney. Having seen the location of the event and participated in a small part of the planning, I express the gratitude of the global professional community to AIQS, the local organizing committee, sponsors, participating institutions such as AACE, PAQS, and the RICS, and the event managers.

It is difficult to believe these past two years have flown by so quickly. I have become President of AACE International, and continue to travel worldwide, meeting people from ICEC member associations around the world, the companies that employ them, potential new members, government institutions, and (of course) have made many new friends. I have transitioned as trustee from ICMS to IESC, the International Ethics Standards Coalition, and have spent much of the past year promoting ethics standards and education. I have also recently become a Professor of engineering economics at American University, and I am thrilled to be actively promoting and teaching cost engineering skills.

We remain immensely grateful for the considerable efforts of Dr. Peter Smith and the ICEC Secretariat, who have effected seamless transitions from Chair to Chair, and carry with them much of the institutional knowledge of what is needed for day-to-day administration of the organization.

Thank you to the Executive Board, Ambassadors, Advisory Committee, and the many volunteers from member associations who have volunteered their time, expertise, knowledge, and other resources to support ICEC and further our profession. The future of ICEC is now in the capable hands of the incoming Executive Board, and the many member individuals who volunteer and support the ICEC mission and strategic plan.
The ICEC Region 2 Committee is as follows:

Alec Ray: Region 2 Director (UK)

Robert de Vries: Deputy Director, Standards/Professional Development/Research (Netherlands)

Sean Regan: Deputy Director Marketing (Europe/USA)

Alan Barltrop: Deputy Director External Relations (UK)

Gianluca de Castri (Italy)

Andrei Kerin (Slovenia)

Roger Batten (UK)

1. The ACostE hosted the ICEC Region 2 (Europe and the Near East) Annual Meeting in London, on Friday 17th November, at 10 Fleet Place - the London offices of Mott MacDonald.

- Overall 23 delegates attended, including T T Cheung (ICEC Chairman), Alexia Nalewaik (ICEC Immediate Past Chairman), and Peter Smith (ICEC Secretary General). Delegates represented member societies in Region 2 from France, Italy, The Netherlands, Slovenia and the UK. Other countries represented were Australia, Bolivia, Hong Kong, Kazakhstan and the USA. Alec Ray, as ICEC Region 2 Chairman, chaired the meeting and the Association was represented by our President Angela Pammenter, Alan Jones and Roger Batten. We were particularly pleased to welcome Ing. Maria Teresa Dolenz, Presidente Uniôn Panamericana de Asociaciones de Ingenieros (UPADI).

- The ICEC Secretary/General, Peter Smith reported on the ICEC Congress in Rio, and also on the preparations for the Sydney Congress. In addition, he reported that ICEC continues to implement a range of projects and initiatives to help develop the project management profession on a global scale. Some examples are: ‘ICEC Glossary Project’ - a global multilingual glossary for Cost Engineering/Quantity Surveying/Project Management terms, ‘ICEC Global Standards Project’ - an inventory of global Best Practice and Standards for Project Cost Management that is available in the ICEC website at: www.icoste.org/category/resources, ‘ICEC Young Person Group Project’ - encouraging participation by students and young professionals, ‘ICEC International Cost Management Journal (ICMJ)’ - a peer reviewed online journal, ‘International Roundup Newsletter’ - published on-line twice a year in March and October.
In the afternoon there were three presentations:

- ‘ACostE Accreditation and CPD’, by Alan Jones. ACostE Tiered Accreditation is a flexible route to full professional accreditation.

- ‘International Construction Measurement Standards (ICMS)’ by Alan Muse of Royal Institution of Chartered Surveyors (RICS). The ICMS Coalition has developed the Standard which was launched at the Vancouver PAQS Congress in July 2017.

- ‘Inspiring Professional Excellence (IPE)’, by the ACostE IPE (Young Professionals Group) Group: Rhys Tyler from Mott MacDonald and Philippa Rogers and Daniel Scadding from the UK Ministry of Defence reported that the IPE scope, includes sharing information and knowledge, utilising an IPE network, growing both personal and professional development, creation of a sense of engagement with developing professionals and improving the business performance.

2. As well as the presentations a session was held to discuss ‘Cost Engineering in the Future’. Some of the main challenges and opportunities were identified as:

- More co-operation, interaction and sharing knowledge with the other Project Management/Controls Societies, and other allied Societies.
- How does the profession attract support and sponsorship from some of the world’s largest and fastest growing organisations, such as Apple, Google, Microsoft, Samsung, IBM etc.
- How will Artificial Intelligence (AI) affect our profession in the future.
- The growth of Cost Engineering/Project Controls especially in China, India, South America and Africa.

3. At the close of the proceedings Bruce Watson, Past-President of the Association and, for many years, the ACostE Delegate to ICEC, was presented with a ‘Life Time Achievement Award’ for ‘significant contributions to ICEC and the development of the Global Cost Engineering Profession’. He was also presented with an ACostE Award for ‘Services to the Association’.

4. The next ICEC Region 2 (Europe and Near East) meeting is scheduled to be held at the ICEC 11th World Congress in Sydney in November 2018.

5. The 2022 ICEC World Congress is scheduled to be held in Europe, and the venue will be discussed and agreed at the Sydney Council Meeting.

6. Roger Batten, Alan Barltrop and Alec Ray send their apologies, as they are unable to attend the ICEC Council Meeting in Sydney.

Alec Ray
Chair, ICEC Region 2
23 October 2018
It was my pleasure to serve to ICEC as Administrative Vice Chairman in the two years period being elected on mentioned position on the ICEC Council meeting between the 9th ICEC World Congress held in Milan in 2014 and 10th ICEC World Congress held in Rio de Janeiro in 2016.

In that period I was focussed on ICEC - IPMA cooperation and development of future Project management profession, which could be acceptable from ICEC and IPMA side. A lot of efforts have been done to build up a common standard of the Project management profession as well as already in former period of two years and much more, looking back to our beginning of cooperation and forward to year 2020 and more. This was also my central theme to discuss in my report for 10th ICEC World Congress held in Rio de Janeiro in 2016.

I accepted the nomination to serve two years more in the role of IPMA/ICEC director, hoping to be successful and here is my report.

It is not necessary to emphasise all former discussions, ICEC-PMA Workshops, decisions, actions and obligations accepted to build a common standard PM profession as well as standard profile of CE and QS if we have in mind as a minimum compatible common knowledge and skills. In Rio I reported about the efforts and actions accepted to build the new system of certification acceptable for ICEC and IPMA world associations. Some of events and actions are given below.

- The Workshop ICEC-IPMA held in Ljubljana on 2nd and 3rd June 2014 Mladen Radujković, Brane Semolič, Gianluca di Castri, Andrej Kerin
- The workshop in Milan on Sunday 19th October 2014 before 9th world Congress (Mladen Radujković and Roberto Mori
- Preparation of promotion of ICEC Congress on IPMA website or on Rotterdam IPMA world congress (Gianluca di Castri)
- PM /CE Profession’s vision 2020 was partly presented on the Milan workshop by Gianluca di Castri, Alexia Nalewaik, Peter Smith and Alec Ray on behalf of ICEC. Deadline for paper/presentations preparation was 31st July 2014.
- PM Profession’s vision 2020 was presented on the Milano workshop by Klaus Pannenbäcker, Brane Semolič on behalf of IPMA
- For all actions the persons in charge were nominated, but the crucial decision of nomination of common ICEC IPMA head working group was not realised. Some actions were frozen for quite a long period because of other priorities within ICEC and also IPMA, where the celebration of 50th Anniversary of IPMA and Panama World Congress 2015 were in first plan.

Nevertheless it was worthwhile to continue the work on shaping future Project management & Cost engineering profession or using the word Projects profession invented and launched by Alec Ray already in Dubrovnik (2013) on 27th IPMA World Congress – in parallel 2nd IPMA & ICEC congress, or even before, since the first collaboration agreement between ICEC & IPMA has been signed in the 1994.
Beside this we have had 1st ICEC – IPMA world congress in Ljubljana 2006, IPMA & ICEC International Research Forum 2011 in Portorož Shaping Future of Project Management Profession Opportunities of Collaboration between Different Global Professional Associations

And much more!

Discussion about my report in Rio showed that there was not much interest to pay more attention on behavioural competences, but to focus more on technical competences and so it is near impossible to take in account such a decision if we want to build common standards with IPMA specially taking in account that IPMA launched on Panama World Congress 2015 new standards ICB4 and ICR4 which are now step by step the only standard accepted in all IPMA MAs.

The IPMA President Reinhard Wagner presented on the ICEC Congress in RIO the mentioned standards which could be reached in IPMA website by everybody interested to pass the exam/or certification process and get the certificate according the new standards ICB4 and ICR4.

I had a personal discussion with him to find out if IPMA is still interested to build together with ICEC in future common standard, but he did not show interest for cooperation, being satisfied with decisions taken in Panama. So our plan of common ICEC-IPMA standard could be acceptable in future when launching new versions of standards.

In November 2017 I attended ICEC Region 2 meeting in London and reported about the case of relative new ICEC member DVP which has uniquely accredited training material on the basis of which they “produce” ICEC certified managers, but after changing the top management they decided to cancel the ICEC membership. I tried to get in touch with new director but was not successful, though Klaus Pannenbäcker presented on the 9th ICEC World Congress in Milan a collaboration between two German associations DVP (ICEC - MA) and GPM (IPMA - MA) in the field of certification process where they found a lot possibilities for Collaboration though GPM has a Certification process based on ICB in ICRG. In the moment of finishing this report I can only promise to try again to get contact with DVP management and report of the result.

At the end I want to say that ICEC decision to give priority to common global ICEC standard did not bring a crucial result in a form of standard or book though we all know that period of two years is not enough to find a solution acceptable for all ICEC member associations. We have to consider if our former proposal for cooperation and collaboration at least between IPMA and ICEC could give results if we restart our efforts. Namely all mentioned proposals of collaboration are oriented even wider like Ray’s International projects council and many others. Action is needed! ...

Finally I have to apologise myself being not able to come to Sidney, so I wish you a successful work and pleasant meeting.

Thank you!

Andrej Kerin
2018 SECRETARY GENERAL REPORT – PETER SMITH

1.0 Introduction

I am pleased to present my 6th Secretary-General's Report since taking up the position in 2006.

I would like to start by thanking TT Cheung, the ICEC Chair, for his excellent leadership of ICEC during his two year term. TT has provided a valuable platform for ICEC for many years to come with his contributions. These include his leadership in implementing and further developing the ICEC Strategic and Action Plans, the ICEC Young Person Group and his ongoing support and development of the profession across the globe. He has provided myself and the ICEC Secretariat with valuable assistance and support throughout his term.

I would also like to thank the ICEC Administration Manager, Kristy-Lee Gardiner, and all of the ICEC executive officers and regional directors/deputy directors/assistant secretaries for all of their support and valuable contributions over the past two years. This also extends to all ICEC delegates and others who have provided assistance and support to myself and the Secretariat.

2.0 In Remembrance - José Chacon de Assis

On behalf of the ICEC Executive Board and the ICEC community we would like to offer our sincere condolences to José’s wife Sylvia, his family, his many friends and his IBEC colleagues. We were all very shocked to hear the very sad and tragic news about José who was tragically killed in a motor vehicle incident in July 2018.

José has made such a valuable and important contribution to ICEC, IBEC and the development of the Cost Engineering Profession in Brazil and South America generally. We have always greatly valued his contribution and support for ICEC over many years. His work will always be remembered and valued.

But above all he was a very good and kind man. Sylvia and his family were the most important thing to him. We offer our prayers and best wishes to Sylvia and his family during these very difficult times.

He will be sorely missed by us all. May he rest in peace.

3.0 ICEC Secretariat

The ICEC Secretariat continues to be hosted by the Australian Institute of Quantity Surveyors (AIQS). The AIQS have undertaken this role since 2004 and provide considerable administrative, accounting and general support for the Secretariat. The ICEC Administration Manager position forms part of the Secretariat with the manager employed by the AIQS with dual roles as the Executive Assistant to the CEO and the ICEC Administration Manager. ICEC funds the manager role. On behalf of ICEC I would like to duly record my thanks to the AIQS and their Chief Executive Officer (CEO), Mr. Grant Warner, for their invaluable support and assistance.

There have been a number of changes to the manager position during 2016-18. Sally Osborne, the manager since 2015, left the AIQS mid-2017 to follow a new career path. Her position was then filled by a new AIQS employee – Lydia Dickinson. Unfortunately, Lydia only stayed in the job for a few months and left the AIQS in November 2017. The AIQS advertised for a new replacement and appointed Kristy-Lee Gardiner towards the end of January 2018.
The ICEC Secretariat is based in the AIQS headquarters in Sydney, Australia. The contact details are:

International Cost Engineering Council  
Level 6, 65 York Street, Sydney NSW 2000 Australia  
Tel: + 612 9262 1822, Email: kgardiner@aiqs.com, Web: www.icoste.org

4.0 2018 Joint ICEC/PAQS World Congress – Sydney, Australia

The Australian Institute of Quantity Surveyors (AIQS) are to be congratulated for their excellent and very professional hosting, organisation and planning of the joint 11th ICEC World Congress & 22nd PAQS Congress in Sydney.

On behalf of ICEC I would like to thank the AIQS CEO, Grant Warner, AIQS President, Professor Anthony Mills, AIQS Events and Education Manager, Lani Kirby, and the whole AIQS team for all of their hard work and dedication to delivering this event. The target of the organising team was 400 delegate registration and I am pleased to report that this was exceeded to the point that the ‘full house’ sign went up many weeks before the start of the congress.

This all augers well for a tremendous conference and we all look forward to it commencing on Sunday 18 November after the preliminary ICEC and PAQS meetings.

The AIQS will provide an update on the congress preparations to meeting delegates later in the Council Meeting.

5.0 2020 12th ICEC World Congress – Accra, Ghana

The Ghana Institution of Surveyors (GhIS) have been awarded the hosting rights for the 2020 12th ICEC World Congress. The congress will be held in Accra, Ghana but further details on dates are yet to be determined.

More information about the GhIS can be found at: www.ghisonline.org

GhIS delegates will provide an update on the 2020 congress preparations to meeting delegates later in the Council Meeting.

6.0 2022 13th ICEC World Congress – Region 2 (Europe)

The ICEC World Congress is held every 2 years and rotates between each of the 4 ICEC Regions (1. Americas, 2. Europe/Near East, 3. Africa, 4. Asia-Pacific). The 2016 Congress was held in Brazil (Region 1), this year’s congress is being held in Sydney (Region 4) and the 2020 Congress will be held in Ghana (Region 3).

So Region 2 will host the 2022 ICEC World Congress.

DACE (the Dutch Association of Cost Engineers) have put forward an application to host the 2022 Congress in the Netherlands. Robert de Vries, chair of the DACE board and ICEC Region 2 Deputy Director, will present their bid to host the event later in the Council Meeting. This will then be voted on by meeting delegates (Meeting Agenda Item 9).
7.0 2017-18 ICEC Regional Meetings

ICEC holds regional meetings on an annual basis. The following is a list of ICEC regional meetings held during 2017-18. Thanks are in order to all the associations and individuals who hosted, organised and provided financial support for all the meetings and associated activities.

2017

Region 1 – North & South America
4-5 July 2017 - Rio de Janeiro, Brazil.
Held in conjunction with the national Brazil Cost Engineering Day & IBEC Meetings.

Region 2 – Europe & Near East
17 November 2017 – London UK (Mott MacDonald Office, 10 Fleet Place, London)
This was preceded by:
15 November - IET/ACostE Project Controls Network Prestige Lecture presentation by Cranfield University on the "Future of Cost Engineering", London
16 November - World Project Controls Expo – Emirates Stadium, London

Region 3 – Africa
2 November 2017, Kampala, Uganda
The Region 3 meeting was held in conjunction with the Africa Association of Quantity Surveyors (AAQS) General Assembly and African Cost Congress hosted by the Kenyan Institute of Quantity Surveyors and the Africa Association of Quantity Surveyors from 2-3 November 2017

Region 4 – Asia Pacific
23 July 2017 – Vancouver, Canada
The Region 4 meeting will be held in conjunction with the 21st Pacific Association of Quantity Surveyors (PAQS) Congress and PAQS Annual Board Meeting held from 22-25 July 2017.

2018

Region 1 – North & South America
Two Region 1 meetings were held this year (one in North America and the other in South America).
The North America Region 1 meeting was held on 8 February 2018 in conjunction with the AACE Western Winter Workshop in Indian Wells, California, USA.
The South America Region 1 meeting was held by the Brazilian Institute of Cost Engineering (IBEC) in conjunction with their national Brazil Cost Engineering Day & IBEC Meetings. This was held on 6-7 August in Sao Paulo, Brazil.

Region 2 – Europe & Near East
A special Region 2 meeting will be held just prior to the ICEC/PAQS Congress in Sydney, Australia on Saturday 17 November 2018.

Region 3 – Africa
Discussions are currently taking place on the venue/date for the ICEC Region 3 meeting. No further details are available at this stage.

Region 4 – Asia-Pacific
The Region 4 meeting will be combined with the PAQS Annual Board Meeting just prior to the ICEC/PAQS Congress in Sydney, Australia on Saturday 17 November, 2018
8.0 ICEC 2016-18 Skype Meetings

The ICEC Executive and Regional Officers held a number of regular Skype meetings to augment the regional meetings. The Skype meetings were held to discuss various matters and to develop plans and projects. We are also looking into other technological tools to improve electronic communication within the ICEC executive and the ICEC community generally.

We would welcome suggestions from any ICEC members who have experience/expertise in using and evaluating various web-based meeting software programs, online discussion boards and various social media.

9.0 New ICEC Member Associations

ICEC accepted the Institution of Surveyors Uganda (ISU) as a full member of ICEC effective as at 27 May 2018. We welcome the ISU to the ICEC membership and the council meeting and look forward to collaboration between ICEC, the ISU and all ICEC member associations. Details about the institution can be found at: http://www.surveyorsofuganda.org/

Two further applications have been received recently and will be presented later in the council for voting on by meeting delegates (Meeting Agenda Item 7). The applications are from:

- Pertubuhan Ukur Jurutera Dan Arkitek Puja (Brunei) Surveyor Division
- Indonesian Association of Quantity Surveyors (IQSI)

Membership Certificates will be presented to new ICEC members during the ICEC/PAQS congress following the ICEC/PAQS meetings.

10.0 Cooperative Agreements with Other Associations

ICEC continues to look at opportunities for formal agreements with kindred associations. We currently have the following formal agreements:

**International Federation of Surveyors (FIG)**
ICEC & FIG have a Memorandum of Agreement that was signed in 1999. Details of the agreement can be found at: http://www.icoste.org/about/fig/#more-44/about/

**International Project Management Association (IPMA)**
ICEC & IPMA have a Protocol Agreement that was signed in 1994. Details of the agreement can be found at: http://www.icoste.org/about/ipma/#more-43

**Royal Institution of Chartered Surveyors (RICS)**
ICEC & the RICS have a Memorandum of Co-Operation (MOC) that was signed on 27 June 2012 during the 8th ICEC World Congress in Durban, South Africa. Details of the agreement can be found at: http://www.icoste.org/wp-content/uploads/2011/10/MOC-RICS-ICEC.pdf

**The Pacific Association of Quantity Surveyors (PAQS)**
The MOC was signed at the PAQS Congress & Region 4 Meeting in Hong Kong in June 2014. Details of the agreement can be found at: http://www.icoste.org/wp-content/uploads/2011/10/Memorandum-of-Cooperation_PAQS_ICEC-9Jun2014.pdf

**The Africa Association of Quantity Surveyors (AAQS)**
The MOC was signed at the ICEC World Congress in Milan, Italy in October 2014.

ICEC is currently exploring the possibility of signing an MOC with the European Committee of Construction Economists (CEEC). Details of the CEEC can be found at: https://www.ceecorg.eu/
11.0 ICEC Member Association & MOC Associations – Congresses/Events

The ICEC Calendar on the ICEC Website provides details of congresses and events being held by our member associations and associations that we have Memorandum of Co-operations (MOCs) with. This can be found at: http://www.icoste.org/category/meetings/. The main events during 2017-2018 have included:

May 29-June 2, 2017 – FIG Working Week, Helsinki, Finland.
11-14 June, 2017 – AACE International Annual Meeting, Orlando, Florida, USA.
5-7 September, 2017 – 30th IPMA World Congress , Astana, Kazakhstan.
2-3 November, 2017 – AAQS General Assembly & Africa Cost Congress, Kampala, Uganda
4-5 December, 2017 – Centre for Excellence in Project Management (CEPM) 25 Yr Jubilee Global Symposium, New Delhi, India.
8-11 February 2018 – AACE International 57th Annual Western Winter Workshop, Hyatt Indian Wells, California, USA.
24-27 June, 2018 – AACE International Conference & Expo, San Diego, California, USA.
10-11 December, 2018 – Centre for Excellence in Project Management (CEPM) 26th Global Symposium, New Delhi, India.

12.0 ICEC Officers: 2016-18

The following ICEC Executive Officers served for the 2016-18 term:

ICEC Executive Board
ICEC Chair TT Cheung (Hong Kong)
Senior Vice-Chair Kwadwo Osei-Asante (Ghana)
Administrative Vice-Chair Gianluca di Castri (Italy)
Administrative Vice-Chair Julie Owen (USA)
Technical Vice Chair Professor Angelo do Valle (Brazil)
Secretary-General Dr Peter Smith (Australia)
Advisory Board Chair Roger Batten (United Kingdom)
Immediate Past ICEC Chair Dr Alexia Nalewaik (USA)

ICEC Region Directors
Region 1 Paulo Dias (Brazil)
Region 2 Alec Ray (United Kingdom)
Region 3 Kofi Obeng Ayirebi (Ghana)
Region 4 Eugene Seah (Singapore)

ICEC New Director Positions
Research Director Dr Alexia Nalewaik (USA)
ICEC/IPMA Director Andrej Kerin (Slovenia)
Middle East Director Madhu Pillai (Saudi Arabia)
ICEC Region Deputy Directors

External Relations
Region 1- José Chacon de Assis (Brazil) (In Remembrance & Appreciation)
Region 2- Alan Bartrop (United Kingdom)
Region 3- Michael Olayema Shonubi (Nigeria)
Region 4 – Julie Cruz (The Philippines)
Marketing
Region 1- Aldo Mattos (Brazil)
Region 2- Sean Regan (Europe/USA)
Region 3- Jeffery Aful (Ghana)
Region 4 – Keith Yim (Hong Kong)
Standards/Professional Development
Region 1- José Calix (Honduras)
Region 2- Robert de Vries (The Netherlands)
Region 3- Dr Charles Mbelede (Nigeria)
Region 4 – Goh Ngan Hong (Singapore)
Academic Forums/Research
Region 1- Diana Bula (Colombia)
Region 2- Robert de Vries (The Netherlands)
Region 3- Njeri Wachira Towey (Kenya)
Region 4- Professor Anthony Mills (Australia)
ICEC Region Assistant Secretaries
Region 1- Heitor Luz (Brazil)
Region 2- To Be Advised
Region 3- Osei Agyemang Badu (Ghana)
Region 4- Zhang Xianwan (China)

ICEC Ambassadors
Dr Alexia Nalewaik  ICEC Chair 2014-16
Carsten Wredstrøm  ICEC Chair 2012-14
Murtala Oladapo  ICEC Chair 2010-12
Peter Cox  ICEC Chair 2008-10
Ginette Basak  ICEC Chair 2006-08
Basie Verster  ICEC Chair 2004-06
Dennis Lenard  ICEC Chair 2000-02
Allen Hamilton  ICEC Chair 1998-2000
Christopher Walker  Inaugural ICEC Chair 1976-1980
Ong See Lian  RICS Global Pres 2011-12, PAQS Chair 2003-05, RISM Pres 2003-04
Adesh Jain  IPMA Chair 2007-08, IPMA Pres 2008-09, PMA-India Hon Nat Pres

On behalf of ICEC I would like to thank all of these officers for their work during the 2016-18 term.

13.0  ICEC Officer Nominations – 2018-20

Nominations from the ICEC Nomination Committee for the 2018-20 ICEC officer positions will be put forward later in this council meeting (Meeting Agenda Item 22).

These nominations will be voted on by meeting delegates.
14.0 2016-18 ICEC Committees

The following committees were approved at the 2016 ICEC Council Meeting as part of the ICEC 2016-18 Action Plan. These will be presented later in the council meeting for discussion and revision for the 2018-20 term (Meeting Agenda Item 13).

1. Develop written policies & procedures for ICEC
   - Write policies & procedures for the biennial World Congress & administrative generally
   - Team leader: Alexia Nalewaik

2. Establish a baseline Body of Knowledge for cost engineering & quantity surveying
   - Update existing global inventory of Professional Standards/Best Practices
   - Create baseline ICEC Body of Knowledge (in collaboration with IPMA)
   - Team leaders: F Sam Griggs and Andrej Kerin

3. Develop action items for maximizing Memorandums of Understanding and Cooperative Agreements, with a focus on research
   - IPMA, FIG, RICS, PAQS, WFEO, KL Pact
   - Team leader: Angelo Valle

4. Upgrade the ICEC website
   - Team leader: Peter Smith

5. Maintain and grow ICEC membership
   - Identify existing organisations that are not ICEC members
   - Promote the formation of new member organisations in areas underserved by ICEC
   - Team leader: Madhu Pillai

6. Significantly increase marketing of ICEC
   - Identify corporate sponsors & investigate advertising on the ICEC website & Roundup Newsletter
   - Develop regional activities in conjunction with regional board meetings
   - Team leaders – Peter Smith & Eugene Seah

7. Develop a strategy for the participation of younger members in ICEC activities
   - Team leaders: TT Cheung & Eugene Seah

8. Update the online journal
   - Team leaders: Alexia Nalewaik & Peter Smith

9. Improve the Bi-Annual Roundup Newsletter
   - Team leader: Peter Smith

10. Integrate research and education programmes into ICEC activities
    - Team leader: Peter Smith

11. Coalition Member of International Construction Measurement Standard
    - Team leader: Alexia Nalewaik

12. Continue efforts toward development and implementation of United Nations Strategy
    - Includes Central Product Classification (CPC) with ECOSOC and the WTO
    - Team leaders: Murtala Oladapo & HH Kwan
15.0 2018 ICEC Distinguished International Fellow (DIF) Award

Nominations

The ICEC Distinguished International Fellow (DIF) award was introduced in 2002 and represents the highest honour that ICEC can bestow on an individual. It recognizes individuals who have made significant contributions to ICEC and to the association or institute of which they are a member for a period of years.

The specific award criteria states that to be eligible for the award a person must:

- Have held a significant volunteer position in both ICEC and a member association or institute;
- Have had significant involvement over a period of several years in both ICEC and a member association or institute; and
- Must have made a significant contribution to the development of the cost management profession.

Previous DIF award winners can be found on the ICEC website at:

http://www.icoste.org/awards/recipients/#more-18

Nominations for the DIF awards will be put forward later in the council meeting and voted on by meeting delegates (Meeting Agenda Item 21).

16.0 2018 Ken Humphreys Young Student/Practitioner Paper Award

The Ken Humphreys Young Student/Practitioner Paper Award was established in 2006 in recognition of Dr. Humphreys' service as ICEC Secretary-General from 1976 until 2006. The award is open to students or young practitioners under 36 years of age and involves the submission of papers through ICEC member associations. The award program is held every 2 years in conjunction with the biennial ICEC World Congresses and the awards are presented at these Congresses. A total of 3 awards are available – one for each of the categories of Cost Engineering, Quantity Surveying & Project Management.

Details of the 2018 Ken Humphreys Young Student/Practitioner Paper Award will be presented later in the council meeting (Meeting Agenda Item 19).

17.0 2018 Jan Korevaar Best Congress Paper Award

The ICEC Jan Korevaar Outstanding Congress Paper Award was introduced in 1992 to recognize the best paper presented at each ICEC World Congress. The award was created in memory of Jan Korevaar, Executive Director of the Dutch Association of Cost Engineers (DACE) and was the Assistant Secretary of ICEC for many years.

Details of the 2018 Jan Korevaar Best Congress Paper Award will be presented later in the council meeting (Meeting Agenda Item 20).

18.0 2018 ICEC Chair & Region Awards

The ICEC Chair and Region Awards are presented at each biennial ICEC World Congress to recognise significant contributions to the work of the Council over the preceding two years.

Details of the 2018 ICEC Chair and Region Awards will be presented later in the council meeting (Meeting Agenda Item 21).
19.0  ICEC Projects & Initiatives

ICEC continues to implement a range of projects and initiatives to help develop the project cost management profession on a global scale. The following provides an overview of some of the main projects.

ICEC Glossary Project

ICEC Admin Vice-Chair Gianluca di Castri has initiated a project to develop a global multi-lingual glossary for quantity surveying / cost engineering terms through the input of all ICEC associations and other kindred associations. The glossary shall have definitions of terms with translations in as many languages as possible with relevant notations for any semantic differences between the languages. The glossary framework has been identified and ICEC Region 2 member associations will be asked to contribute to the glossary.

ICEC Baseline Body of Knowledge Project

ICEC Immediate past chair, Alexia Nalewaik, has been leading an ICEC project to create a baseline ICEC Body of Knowledge (in collaboration with the International Project Management Association). A draft has been prepared and will be circulated to ICEC Region 4 and PAQS members for feedback and input.

ICEC Global Standards Project

ICEC continues to develop an Inventory of global Best Practice and Standards for Project Cost Management that is available on the ICEC website at http://www.icoste.org/category/resources/.

ICEC would like to work with ICEC member associations to further develop this inventory. The overall objective is to provide a single source inventory on the ICEC website that provides best practices and standards (or links to such) from around the world. It is envisaged that this will provide a valuable information source for the global profession.

ICEC Global Sources of Published Project Cost Information

ICEC is developing an Inventory of links to sources of project cost information published around the world. The objective is to build up a comprehensive list of published cost information from as many countries around the world as possible (with web links). This will include information published by commercial publishers, governments, professional associations and private industry firms. As with the Global Standards project, ICEC would like to work with ICEC member associations to contribute to this inventory. The overall objective is to provide a single source inventory of published cost information on the ICEC website.

ICEC Global Professional Network Project

ICEC Admin Vice-Chair Gianluca di Castri has also initiated a project to further develop a global professional network for quantity surveyors and cost engineers. This network was founded in 2014 and now has approximately 800 members. It can be accessed at: https://www.linkedin.com/groups/3419960.

ICEC Business Directory Project

ICEC Chair, TT Cheung, is leading an initiative to develop a global ICEC business directory of quantity surveying/cost engineering firms in collaboration with member associations and other kindred associations such as PAQS (who have previously developed a business register).
ICEC Global Comparative Research Project

ICEC Immediate Past-Chair and ICEC Research Director, Alexia Nalewaik, and ICEC Secretary General, Peter Smith, are working on developing a research framework for international comparative research in the fields of quantity surveying, cost engineering, project controls and project cost management. The objective is to more effectively utilize the vast ICEC international network and bring together academics/practitioners/researchers for this purpose.

ICEC Young Person Group Project

ICEC continues to look at ways to encourage participation by students and younger professionals. ICEC Chair, TT Cheung, and Region 4 Director, Eugene Seah, are working on developing an ICEC Young Persons group and Mentoring Scheme. This is being done in collaboration with PAQS, IPMA and other kindred associations that have developed successful young person groups.

ICEC International Cost Management Journal (ICMJ)

The ICEC International Cost Management Journal (ICMJ) is a peer reviewed on-line journal that features a collection of the best papers and articles that have been previously published in conference proceedings and journals produced by ICEC and ICEC member associations. It is a perpetual journal which allows papers to be submitted and included at any time. The ICMJ provides a great opportunity for ICEC member associations to acknowledge high quality contributions to their publications and conference proceedings. The journal effectively contains the ‘best of the best’ papers published around the world by member associations. It provides a single-source means of publishing high quality papers produced worldwide in the fields of Cost Engineering, Quantity Surveying, Project Controls and Project Cost Management.

International Roundup Newsletter

The ICEC International Roundup Newsletter is published twice a year in March and October. ICEC would like to invite Region 2 members to contribute to the newsletter as it provides an excellent means of promoting your activities.

International Construction Measurement Standard (ICMS)

ICEC continues to support the development of the International Construction Measurement Standard (ICMS). ICEC would like to congratulate the ICMS Coalition for the remarkable development of the Standard and the launch of the standard at the Vancouver PAQS Board Meeting and Congress in July this year.

20.0 ICEC 2016-18 Financial Report

The ICEC Financial Report for the 2016-18 term is provided in a separate attachment to this report.

Peter Smith
ICEC Secretary General
ICEC Financial Report for 2014-16

to be distributed at the Council Meeting
ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

ITEM 7

New ICEC Members

a. **Applications:**
   - Institution of Surveyors Uganda (ISU) - Application approved 27 May 2018
   - Pertubuhan Ukur Jurutera Dan Arkitek Puja (Brunei) Surveyor Division - Application received (for voting)
   - Indonesian Association of Quantity Surveyors (IQSI) - Application received (for voting)

b. Possible New ICEC Members & New Member Strategies – General Discussion

c. Associations that have left ICEC – Proposal to reinstate membership
ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

ITEM 8

Reports – ICEC Member Associations
8.1 REGION 1

a) AACE International – United States
b) CICH (Colegio de Ingenieros Civiles de Honduras / College of Civil Engineers Honduras)
c) CIQS (Canadian Institute of Quantity Surveyors)
d) GOGRC (Venezuela - Grupo OFC Guia de Costos)
e) IBEC (Instituto Brasileiro de Engenharia de Custos)
f) SMIEFC (Sociedad Mexicana de Ingeniera Economic, Financiera de Costos)
8.2 REGION 2

a) ACostE (Association of Cost Engineers - United Kingdom)
b) AICE (Associazione Italiana d'Ingegneria Economica)
c) CAPQS (Cyprus Association of Professional Quantity Surveyors)
d) DACE (Nederlandse Stichting Voor Kostentechniek)
e) DVP (German Association of Project Managers in the Construction Industry & Real Estate Economy)
f) GTE / MKK (GTE Cost Engineering Club)
g) CICES (Chartered Institution of Civil Engineering Surveyors) – United Kingdom
h) PMA (Projekt Management Austria)
i) PMG (Project Management Greece)
j) RACE (Romanian Association of Cost Engineering)
k) SPPR (Spolocnost pre projektove riadenie / Project Management Association of Slovakia)
l) SMaP (Association Francaise pour l’avancement du Management de Projet / Project Management Association of France)
m) SPR (Spolocnost pro projektové rízení / Czech Association of Project Management)
n) VSF (Verkefnastjornunarfelag Islands / Project Management Association of Iceland)
o) ZPM (Slovenian Project Management Association)
8.3 REGION 3

a) ASAQS (Association of South African Quantity Surveyors)

b) GHIS (Ghana Institution of Surveyors Quantity Surveying Division)

c) INQS (Institute of Namibian Quantity Surveyors) (Associate Member)

d) IQSK (Institute of Quantity Surveyors of Kenya)

e) MAQS (The Mauritius Association of Quantity Surveyors) (ICEC Associate Member)

f) NIACE (The Nigerian Institute of Appraisers and Cost Engineers)

g) NIQS (Nigerian Institute of Quantity Surveyors)

h) SAPCI (Southern African Project Controls Institute)

i) ISU (Institution of Surveyors Uganda)
8.4 REGION 4

a) AIQS (Australian Institute of Quantity Surveyors)

b) ACES (Australian Cost Engineering Society)

c) BSIJ (Building Surveyor’s Institute of Japan)

d) CECA (China Engineering Cost Association)

e) FIQS (Fiji Institute of Quantity Surveyors) (ICEC Associate Member);

f) HKIS (Hong Kong Institute of Quantity Surveyors)

g) IPMSL (Institute of Project Managers of Sri Lanka)

h) IQSSL (Institute of Quantity Surveyors of Sri Lanka)

i) PICQS (Philippines Institute of Certified Quantity Surveyors)

j) RISM (Royal Institution of Surveyors, Malaysia)

k) NZIQS (New Zealand Institute of Quantity Surveyors)

l) PMAI (Project Management Associates – India)

m) SISV (Singapore Institute of Surveyors and Valuers, QS Division)
ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

ITEM 9

ICEC World Congresses
ICEC World Congresses

a. 10th World Congress 2016 overview - Region 1 - Rio de Janeiro, Brazil
   (Angelo Valle)

b. ICEC/PAQS World Congress 2018 update - Region 4 - Sydney, Australia
   (Anthony Mills/Lani Kirby)

c. 12th World Congress 2020 - planning - Region 3 - Accra, Ghana
   (Osei Asante/ Kofi Obeng Ayirebi / Michael Frimpong)

d. 13th World Congress 2022 bid - Region 2 - Bid by DACE (Dutch Association of Cost Engineers)
ITEM 10

ICEC Initiatives & Strategic Directions – ‘Think Tank’ Discussions
ICEC Initiatives & Strategic Directions – ‘Think Tank’ Discussions

a. Current/Future Industry Directions & Needs of ICEC Member Associations
   - Global industry trends & impact on professional associations
   - Issues/challenges/opportunities currently faced by ICEC member associations
   - Strategies/initiatives being implemented by ICEC member associations
   - Feedback on how ICEC can provide greater value & assistance for ICEC member associations

b. International Comparative Research – ICEC Network
   - Research network groups
   - eg. QS/CE Practices Evolution/Comparisons, 5D BIM Implementation, Project Cost Overruns, etc.

c. ICEC Global Collaboration
   - International Construction Measurement Standards Coalition
   - International Ethics Coalition
   - United Nations
   - World Federation of Engineers (WFEO)
   - MOC Associations (PAQS, AAQS, RICS, FIG, IPMA)

d. ICEC Website Inventory (‘One Stop’ Shop for Global Sources of Cost Related Information)
   - Sources of Published Cost Sources (National, Regional & Global)
   - QS/CE/Project Controls Standards/Best Practices
   - ICEC International Cost Management Journal (ICMJ)
   - Project Cost Management Baseline Body of Knowledge
   - Project Cost Management Glossary of Terms
   - Certification & CPD Programs by ICEC Member Associations
   - Training programs & seminars by ICEC Member Associations
   - Project Cost M’ment Seminars/Congresses (National/Regional/ Global)
   - ICEC Member Country Contacts

e. ICEC Communications
   - ICEC Website
   - ICEC Global Professional Network Project (Linked In)
   - Social Media
   - Web based meeting platforms (Skype, etc)
   - Smart technology/software
   - International Roundup Newsletter
   - Promotional Materials
   - ICEC Information Kit

f. ICEC Income Generation
   - ICEC Business Register
   - Advertising/Sponsorship Revenue
   - Individual membership
   - Other potential sources of income
g. ICEC Accreditation Program for Member Association Certification and CPD Programs
   - Current status & further development
   - Promotion of international recognition/endorsement

h. Emerging Nations/Professional Associations in Project Cost Management
   - Overview (eg. Russia, Iran, Indonesia, etc.)
   - Strategies to support these nations/associations

i. ICEC Regional Structure
   Discussion on current ICEC regional structure & possible new regions
   - Middle East
   - Eastern Europe
   - South/Central/North America
   - Africa/North Africa

j. ICEC Officer Positions & Roles
   - Discussion on possible New Director positions
   - Discussion on positions and roles generally

k. Other ideas and suggestions
   Open Forum
ITEM 11

ICEC Young Member (Rising Professionals)
Group

TT Cheung
ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

ITEM 12

ICEC Governance Structure – Update & Strategic Directions
ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

ITEM 13

ICEC Action Plan 2018 - 2020
Proposed ICEC Action Plan 2016-2018

1. Develop written policies & procedures for ICEC
   a. Write policies & procedures for production of the biannual World Congress
   b. Other administrative policies & procedures as required
   c. Team leader: Alexia Nalewaik
      i. Team members:

2. Establish a baseline Body of Knowledge that includes both cost engineering and quantity surveying
   b. Update global inventory of Professional Standards/Best Practices
   c. Create baseline ICEC BoK
   d. Use the ICEC baseline to map the Body of Knowledge against that of IPMA
   e. Team leader: F Sam Griggs and Andrej Kerin
      i. Team members:
         ii. IPMA team members: Klaus Pannenbaecker, Brane Semolic

3. Develop action items for maximizing Memorandums of Understanding and Cooperative Agreements, with a focus on research
   a. IPMA
   b. FIG
   c. RICS
   d. PAQS
   e. WFEO
   f. KL Pact
   g. Team leader: Angelo Valle
      i. Team members: Alexia Nalewaik

4. Upgrade the ICEC website
   a. Team leader: Peter Smith
      i. Team members: Alexia Nalewaik, ICEC Secretariat

5. Maintain and grow ICEC membership
   a. Identify existing organisations that are not ICEC members
      i. Three PAQS members
   b. Promote the formation of new member organisations in areas underserved by ICEC
   c. Focus on keeping existing members
      i. DVP (Germany), BSIJ (Japan)
   d. Team leader: Madhu Pillai
      i. Team members: Peter Smith
6. **Significantly increase marketing of ICEC**
   a. Identify corporate sponsors
   b. Enable ads in the published ICEC Roundup and the website
   c. Develop regional activities in conjunction with regional board meetings
   d. Develop more professional-looking promotional materials
   e. Team leader: TBD
      i. Team members: Alexia Nalewaik, Eugene Seah

7. **Develop a strategy for the participation of younger members in ICEC activities**
   a. Team leaders: Eugene Seah and Andrew Brady
      i. Team members: To be determined

8. **Update the online journal**
   a. Team leader: Peter Smith
      i. Team members: Alexia Nalewaik, ICEC Secretariat

9. **Improve the Bi-Annual Roundup Newsletter**
   a. Team leader: Peter Smith
      i. Team members: Alexia Nalewaik, ICEC Secretariat

10. **Integrate research and education programmes into ICEC activities**
    a. Identify network of academicians and researchers
    b. Identify support from universities
    c. Create a list of coursework providers
    b. Team leader: Peter Smith
    c. Team members: Gianluca di Castri, Dr. Paul Ho, Njeri Wachira Towey

11. **Coalition Member of International Construction Measurement Standard**
    a. Team leader: Alexia Nalewaik
    b. Team members: TT Cheung, Kwadwo Osei-Asante, Robert Pearl, Teoh Wooi Sin, HH Kwan, Murtala Oladapo, James Arrow, Ong See Lian

12. **Continue efforts toward development and implementation of United Nations Strategy**
    a. Includes Central Product Classification (CPC) with the Economic and Social Council (ECOSOC) and World Trade Organisation (WTO)
    b. Team leader: Murtala Oladapo, HH Kwan
    c. Team members: TT Cheung, Kwadwo Osei-Asante, Femi Onashile, Peter Cox, Ong See Lian
ITEM 14

Region Workshops –

Saturday 17 November 2018
ITEM 15

Memorandums of Cooperation (MOCs)
ITEM 16

International Construction Measurement Standards (ICMS)

Update
ICEC Region Meetings Held During 2017 - 2018

2017

Region 1
4-5 July 2017 - Rio de Janeiro, Brazil.
Held in conjunction with the national Brazil Cost Engineering Day & IBEC Meetings.

Region 2
17 November 2017 – London UK (Mott MacDonald Office, 10 Fleet Place, London)

Region 3
2 November 2017, Kampala, Uganda. Held in conjunction with the AAQS General Assembly & African Cost Congress from 2-3 November 2017

Region 4

2018

Region 1
Two Region 1 meetings:
North America - 8 February 2018, Indian Wells, California. Held in conjunction with the AACE 2018 Western Winter Workshop 8-11 February
South America - 6-7 August 2018, Sao Paulo, Brazil. Held in conjunction with the IBEC national Brazil Cost Engineering Day & IBEC International Meetings

Region 2
17 November 2018 – Sydney, Australia. A special Region 2 meeting will be held just after the ICEC Council Meeting in Sydney

Region 3
To be confirmed

Region 4
17 November 2018 – Sydney, Australia. This will be held as part of the PAQS 2018 Annual Board Meeting in Sydney
ITEM 18

ICEC Regional Meetings Planned for 2019 - 2020
ITEM 19

Kenneth Humphreys Paper Award for Young and Student Members
In 2008 ICEC initiated the Kenneth K. Humphreys Outstanding Paper Award in recognition of Dr. Humphreys' service as ICEC Secretary-General from 1976 until 2006. The award is given to students or young practitioners under 36 years of age. The awards are available for the three professional categories which make up the membership of ICEC - Cost Engineering, Quantity Surveying and Project Management.

One award may be given for each of these categories if there are papers deemed suitable for the award.

Only 1 paper was submitted by ICEC Member Associations. The paper was submitted by AACE International.

The Award Selection Committee determined that the paper submitted was of a very high standard and was a very worthy winner of the award.

The award winning paper was:

**Cost Engineering Category**

Author: Brandon Atkins, PE (United States)

Paper Title: The Behavior of Resource Critical Schedules

Submitted by: AACE International

This paper was presented as a technical paper at the 2018 AACE Annual Meeting and received very strong reviews at the meeting.
ITEM 20

ICEC Jan Korevaar Best Congress Paper Award
2018 Jan Korevaar Best ICEC Congress Paper Award

The Jan Korevaar Best ICEC Congress Paper Award was introduced at the 1992 ICEC World Congress to recognize the most outstanding paper presented at each ICEC World Congress. The award was created in memory of Jan Korevaar, Executive Director of the Dutch Association of Cost Engineers and the Assistant Secretary of ICEC for many years.

The AIQS Congress Paper Committee are currently preparing a shortlisting of the best 5 papers submitted based on paper reviewers.

The best paper will then be selected at the end of the Congress after the ICEC Best Paper Award Committee have reviewed both the shortlisted papers and presentations.

It is envisaged that this will be awarded at the Congress Closing Ceremony.
ITEM 21

ICEC 2018 Awards

a. Distinguished International Fellow (DIF) Awards (Nominations for DIF awards are to be presented for vote of official delegates)

b. Chair Award

c. Region Awards

(At the discretion of the Chair, this portion of the meeting may be closed to non-delegates and nominated award recipients)
ICEC Distinguished International Fellow (DIF) Nominations

The DIF award recognises individuals who have made significant contributions to ICEC and to the association or institute of which they are a member for a period of years. The recipients must be nominated to receive the award by an ICEC member association or institute. They must:

1. Have held a significant volunteer position in both ICEC and a member association or institute;

2. Have had significant involvement over a period of several years in both ICEC and a member association or institute; and

3. Must have made a significant contribution to the development of the cost management profession.

The following nominations have been received for the 2018 DIF Awards:

1. Julie Owen (United States – nominated by AACE International)

2. Guenzi Giancarlo (Italy – nominated by AICE)

3. Joseph Olusegun Ajanlekoko (Nigeria – nominated by NIQS)

4. Sr Ki Cheung, Tang (KC) (Hong Kong – nominated by HKIS)

The nomination letters can be found on the following pages. Each of these nominations shall be voted on at the Council meeting - a majority vote in favour of the nomination by eligible voting delegates is required for the Award to be conferred.

Previous recipients of the DIF Award can be found at:

http://www.icoste.org/awards/icec-distinguished-international-fellow-dif-award/#more-316
Attention: ICEC Secretary General Peter Smith
Attention: ICEC Administrative Secretary

Transmitted by Email: peter.smith@uts.edu.au; secretariat@icoste.org

RE: ICEC DIF Nomination for Julie Owen, CCP, PSP, FAACE

AACE International puts forward Julie Owen CCP, PSP, FAACE for nomination of the ICEC Distinguished International Fellows Award. Julie clearly meets the requirements and is most deserving of the Award.

**Significant volunteer position in both ICEC and a member association**

**AACE International:** Julie has served on the Board of Directors as Director Region 6, VP of Regions, and President of AACE. She also was Chair of the Women in Project Controls Task Force, and served as president of the Southern California Section. She has supported multiple task forces and marketing positions, as well as a leader in the international representation in Regions 7, 8, 9, and 10.

Julie was also a leader in development of the Women in Project Controls Task Force, 2010 Leadership Task Force and a leader in sponsoring Regions 7, 8, 9, and 10, as well as a co-author of constitutional amendment for development of international regions.

For her work with AACE International Julie has been awarded Fellows recognition.

**ICEC**

As you are aware she has been an executive Board member for a number of years

**Significant involvement over a period of several years in both ICEC and a member association**

It is considered that above also address this particular criterion. It should be noted that Julie as also been a representative of the Associations of ICEC and AACE in supporting development of the profession as a member to associations such as RICS, CMAA, IPMA, PMI, and Chinese Cost Engineers Association, Dutch Association of Cost Engineer.

**Significant contribution to the development of the cost management profession**

Julie is an original Fellow of Cost Management for the Guild of Project Controls
The following is an partial list of articles and presentations shows her contribution to the profession:

Initial AACE Developer and Certification Trainer of PSP

- Implementation of a PMO at Los Angeles Metro
- Panel Discussion: The Great Debate CPM Scheduling - Owners vs Contractors
- Panel Discussion: Capital Project Delivery - Innovation Collaboration Forum
- Planning and Scheduling Introduction to Russian Section AACE
- Enterprise Scheduling and Risk Management at Los Angeles Metro
- CIS Methodology for Integrated Project Controls Methodology
- Organizational Challenges Associated with business process re-engineering
- CIS Utilization of Earned Value Management for monitoring of production facilities

From the above it is evident Julie more than meets the requirements and is well deserving

Regards,

Stephen Revay, CCP, CFCC
Immediate Past President AACE International
To: Dr. TT Cheung (ICEC Chair)
Cc: Dr. Peter Smith (ICEC Secretary-General)

Milan, August 4th, 2018
Our Ref.: A0156/2018

Subject: AICE Proposal for Distinguished International Fellow Awards 2018

With reference to the Distinguished International Fellow Awards to be proposed to the next Full Council Meeting in November, 2018, the Italian Association for Total Cost Management AICE is pleased to submit to your attention the name of its fellow GIANCARLO GUENZI.

Giancarlo has been a very active member of the AICE since its beginning and, due to his activity has been promoted to the fellowship in the nineties. Besides his professional activity, either in Italy and abroad, he has been presenting papers to majority of our seminars in Italy as well as to several ICEC congresses: albeit he has not yet been directly active in any ICEC committee, we believe that he has all the requisites for being nominated for the DIF and then give lustre as well as increase the visibility of our profession.

Attached his summary CV as well as a selection of his papers.

Ready to give any further information you would require.

Best regards

Dott. Emanuele Banchi, DIF ICEC, EIE ICEC / A Presidente AICE
Dear Sir,

NOMINATION FOR 2018 ICEC DISTINGUISHED INTERNATIONAL FELLOW (DIF) AWARD

Your request for nomination of candidates for the 2018 DISTINGUISHED INTERNATIONAL FELLOW (DIF) awards refers.

I write on behalf of the President of The Nigerian Institute of Quantity Surveyors (NIQS) to inform you that we are nominating Mr JOSEPH OLUSEGUN AJANLEKOKO (PPNIQS; M.A.Cost.E, MAPM (UK); FNIM FICIArb;) as the Institute’s sole nominee for the ICEC Distinguished International Fellow (DIF) award, which will be presented at the 2018 ICEC world congress in Sydney, Australia from 18th -20th November, 2018.

The nomination is based on his most distinguished contributions to and exemplary leadership of many National and International bodies of Quantity Surveying such as the NIQS, AAQS, APBN, and as the current President of the CASLE. Mr Ajanlekoko’s illustrious career has seen him making significant contribution to the development of the cost management profession amongst which is being a co-author of the 1st Construction Cost Information Book in Nigeria called “Construction Price Book” in 1992.

Mr Ajanlekoko has participated actively in ICEC programs both as a resource person, leading delegations to attend the 18th Congress in South Africa and volunteering to chair the Local organizing committee of the 2005 joint Triennial conference of ICEC Regional / AAQS/NIQS in Abuja, the only ICEC program to have held in Nigeria.

In recognition of his outstanding involvement over the years in both member associations and our Institute, Mr Ajanlekoko was invited to a reception at Buckingham Palace by her Majesty Queen Elizabeth for his contribution to the Commonwealth Profession in 1999 and also in 2015, by special invitation to a luncheon at St James Palace by the Queen as one of the Commonwealth Leaders of the Profession before CHOGM in Malta.
Consequently, we are strongly recommending him for this award which we believe he is very well qualified to receive. Please find attached his resume detailing his volunteer service in the different Institutions and professional bodies; the offices he held and the period/dates in which he served in the respective capacity are also listed for ease of reference.

Please accept the assurances of the Institute’s esteemed regards

Yours faithfully,

For: The Nigerian Institute of Quantity Surveyors

Adebowale Oyinleye, FNIQS
Secretary General
5 October 2018

Dr Peter Smith
ICEC Secretary General
International Cost Engineering Council (ICEC)
ICEC Secretariat
Level 3, 70 Pitt Street, Sydney NSW 2000
Australia

By Email Only

Dear Dr Smith,

**ICEC 2018 Distinguished International Fellow Award**

The Hong Kong Institute of Surveyors (HKIS) is pleased to submit its nomination of Sr Ki Cheung, Tang for the ICEC 2018 Distinguished International Fellow Award

Sr Ki Cheung, Tang ("KC") is presently the Managing Director of K C Tang Consultants Ltd (Quantity Surveyors: Construction Cost and Contract Consultants) in Hong Kong. His contribution and his devotion of time to the profession are immeasurable. KC has been immensely involved in the improvement of the training qualifying system of graduate surveyors in Hong Kong; the drafting of various standard forms of contract in Hong Kong and mainland China; the promotion of BIM adoption and knowledge sharing in Hong Kong and internationally; and the drafting of the International Construction Measurement Standards.

KC is a dedicated Quantity Surveyor who in his forty years of practice has devoted substantially to the updating and improvement of quantity surveying practice. We consider KC as a suitable candidate for the award. Enclosed the citation for Sr Cheung which briefly summarises his dedication and contribution to the QS profession.

Thank you for your attention.

Yours sincerely,

Sr Dick Kwok
President

Enc
ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

ITEM 22

Election of Officers for 2018 -2020
**Election of ICEC Executive & Regional Officers for 2018-20**

The ICEC Nominating Committee submits the following nominations for consideration for election to the ICEC Executive Board.

Each position on the ICEC Executive and Regional Boards requires a majority vote in favour of the nomination (from the eligible voting Delegates present at the Council meeting) for the nominee to be elected.

**Recommendations for the ICEC 2018-2020 Executive & Regional Boards:**

**Executive Board**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Kwadwo Osei-Asante</td>
<td>Ghana</td>
</tr>
<tr>
<td>Senior Vice-Chair</td>
<td>Gianluca di Castri</td>
<td>Italy</td>
</tr>
<tr>
<td>Administrative Vice-Chair (1)</td>
<td>Aldo Mattos</td>
<td>Brazil</td>
</tr>
<tr>
<td>Administrative Vice-Chair (2)</td>
<td>Eugene Seah</td>
<td>Singapore</td>
</tr>
<tr>
<td>Technical Vice Chair</td>
<td>Angelo do Valle</td>
<td>Brazil</td>
</tr>
<tr>
<td>Secretary-General</td>
<td>Peter Smith</td>
<td>Australia</td>
</tr>
<tr>
<td>Advisory Board Chair</td>
<td>Roger Batten</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Immediate Past-Chair</td>
<td>TT Cheung</td>
<td>Hong Kong</td>
</tr>
<tr>
<td>Research Director</td>
<td>Alexia Nalewaik</td>
<td>USA</td>
</tr>
</tbody>
</table>

**Regional Board**

<table>
<thead>
<tr>
<th>Region</th>
<th>Director</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Paulo Dias</td>
<td>Brazil</td>
</tr>
<tr>
<td>2</td>
<td>Alec Ray</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>3</td>
<td>Kofi Obeng Ayirebi</td>
<td>Ghana</td>
</tr>
<tr>
<td>4</td>
<td>Keith Yim</td>
<td>Hong Kong</td>
</tr>
</tbody>
</table>

**Recommendations for the ICEC 2018-2020 ICEC Ambassadors:**

**ICEC Ambassadors**

<table>
<thead>
<tr>
<th>Name</th>
<th>Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT Cheung</td>
<td>ICEC Chair 2016-18</td>
</tr>
<tr>
<td>Alexia Nalewaik</td>
<td>ICEC Chair 2014-16</td>
</tr>
<tr>
<td>Carsten Wredstrøm</td>
<td>ICEC Chair 2012-2014</td>
</tr>
<tr>
<td>Murtala Oladapo</td>
<td>ICEC Chair 2010-12</td>
</tr>
<tr>
<td>Peter Cox</td>
<td>ICEC Chair 2008-10</td>
</tr>
<tr>
<td>Ginette Basak</td>
<td>ICEC Chair 2006-08</td>
</tr>
<tr>
<td>Basie Verster</td>
<td>ICEC Chair 2004-06</td>
</tr>
<tr>
<td>Dennis Lenard</td>
<td>ICEC Chair 2000-02</td>
</tr>
<tr>
<td>Allen Hamilton</td>
<td>ICEC Chair 1998-2000</td>
</tr>
<tr>
<td>Christopher Walker</td>
<td>Inaugural ICEC Chair 1976-1980</td>
</tr>
<tr>
<td>Ong See Lian</td>
<td>RICS Global President 2011-12, PAQS Chair 2003-05, RISM President 2003-04</td>
</tr>
<tr>
<td>Adesh Jain</td>
<td>IPMA Chair 2007-08, ICPMA President 2008-09, PMA-India Hon National President</td>
</tr>
</tbody>
</table>
Election of Other ICEC Officers for 2018-20

Special ICEC Directors

The special ICEC Director positions will be discussed and/or nominated after resolutions made earlier in the following Agenda Items

10.i. ICEC Regional Structure - Discussion on current ICEC regional structure & possible new regions (Middle East, Eastern Europe, South/Central/North America and Africa/North Africa
10.j. ICEC Officer Positions & Roles - Discussion on possible new/revised Director positions and discussion on ICEC positions and roles generally

ICEC Region Deputy Directors

The ICEC Region Deputy Director positions are co-opted ICEC officer position nominations that are proposed by the incoming Region Directors in consultation with the ICEC chair and member associations in the particular ICEC Region. They are subject to confirmation by the new ICEC Chair for 2018-20.

The current Deputy Director Positions during the 2016-18 term are:

External Relations
Region 1- José Chacon de Assis (Brazil) (in memoriam)
Region 2- Alan Barltrop (United Kingdom)
Region 3- Michael Olayema Shonubi (Nigeria)
Region 4 – Julie Cruz (The Philippines)

Marketing
Region 1- Aldo Mattos (Brazil)
Region 2- Sean Regan (Europe)
Region 3- Jeffery Aful (Ghana)
Region 4 – Keith Yim (Hong Kong)

Standards/Professional Development
Region 1- José Calix (Honduras)
Region 2- Robert de Vries (The Netherlands)
Region 3- Dr Charles Mbelede (Nigeria)
Region 4 – Goh Ngan Hong (Singapore)

Academic Forums/Research
Region 1- Diana Bula (Colombia)
Region 2- Robert de Vries (The Netherlands)
Region 3- Njeri Wachira Towey (Kenya)
Region 4- Professor Anthony Mills (Australia)

ICEC Region Assistant Secretaries
Region 1- Heitor Luz (Brazil)
Region 2- To Be Advised
Region 3- Osei Agyemang Badu (Ghana)
Region 4- Zhang Xingwang (China)

It is anticipated that most of these officers will continue in their role but these positions will be discussed at the council meeting and scope given for other nominations with the objective of finalizing the positions in early 2019.
ITEM 23

Presentation of Budget and Subscription Fees for 2018 -2020
2018-2020 Subscription Fees

Introduction
ICEC membership fees have remained the same since April 2004.

Whilst there is a need to increase fees for the 2018-2020 term to counter the effects of inflation and to also provide greater scope for ICEC to enhance the level and quality of services to member association, this needs to be balanced against the capacity of member associations to pay increased fees particularly given the contemporary issues facing most ICEC member associations.

Proposal
Therefore it is proposed that there be no change to the ICEC Subscription and Fee Structure for the 2018-20 term.

Accordingly, the proposed ICEC Subscription and Fee Structure for 2018-20 (in A$) is as follows:

<table>
<thead>
<tr>
<th></th>
<th>A$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Membership Fees (Full Members)</td>
<td></td>
</tr>
<tr>
<td>Fee per individual member</td>
<td>0.65</td>
</tr>
<tr>
<td>Fee per organisational member</td>
<td>16.00</td>
</tr>
<tr>
<td>Minimum annual fee</td>
<td>425.00</td>
</tr>
<tr>
<td>Maximum annual fee</td>
<td>10,700.00</td>
</tr>
<tr>
<td>Annual Membership Fees (Associate Members)</td>
<td></td>
</tr>
<tr>
<td>Fee per individual member</td>
<td>2.00</td>
</tr>
<tr>
<td>Fee per organisational member</td>
<td>20.00</td>
</tr>
<tr>
<td>Minimum annual fee</td>
<td>100.00</td>
</tr>
<tr>
<td>International World Congress &amp; Forum Fees</td>
<td></td>
</tr>
<tr>
<td>International World Congress - Fee per delegate</td>
<td>55.00</td>
</tr>
<tr>
<td>ICEC Endorsed Forums - Fee per paid delegate</td>
<td>20.00</td>
</tr>
<tr>
<td>ICEC Endorsed Forums - Maximum forum fee</td>
<td>5,700.00</td>
</tr>
<tr>
<td>Annual Certification/CPD Program Fees</td>
<td></td>
</tr>
<tr>
<td>Fee per certified individual</td>
<td>2.85</td>
</tr>
<tr>
<td>Maximum certification fee</td>
<td>2,500.00</td>
</tr>
</tbody>
</table>
The proposed ICEC Budget for 2018-20 will be distributed at the Council Meeting
ITEM 24

Any other business
ITEM 25

Next full Council Meeting
ITEM 26

Closing Remarks by the New ICEC Chair
ICEC
INTERNATIONAL COST ENGINEERING COUNCIL

ITEM 27

Adjournment