



CAETS Council Minutes

27 June 2019

IVA Conference Center

Stockholm, Sweden

1. Welcome and Introductions

CAETS President Tuula Teeri opened the Council Meeting and welcomed all participants. She extended a special welcome to Jameel Ahmad Khan, representing the Pakistan Academy of Engineering, a newly elected member of CAETS, as well as representatives from New Zealand, Nigeria, and Serbia, whose membership applications were to be considered during the meeting.

2. Approval of Agenda

The meeting agenda was approved as presented.

3. Approval of Council Minutes of 13 September 2018

The minutes from September 2018 were approved as presented.

4. CAETS 2020 Update

Inkyu Lee, NAEK, provided an update on plans underway for CAETS 2020, which will be held at the Four Seasons Hotel in Seoul, South Korea on 22-25 June. The theme of the technical symposium will be 'Smart Society.' Registration will be available approximately March 2020.

5. CAETS 2021 Status Update

Manuel Solanet, ANI, provided an update on plans for CAETS 2021, which will be held in Buenos Aires, Argentina from 20-23 September. The theme of the technical symposium will be 'The Future of Energy'. A video introducing Argentina as well as a summary of the planned lectures for the symposium were shared with the Council.

6. Report from the 24 June 2019 Meeting of the Board

a. 2018 Audit Committee Report

The Secretary/Treasurer reported that the 2018 Financial Audit was completed without issue and that the final report was posted on the website.

b. 2020 Operating Budget

The Secretary/Treasurer reported that the Board had approved the 2020 Operating Budget; the Council concurred.

The Secretary/Treasurer also summarized Board discussions regarding the CAETS website, Discussion Groups, CAETS Statements, and CAETS Strategy.

It was noted that individual member academies will be invited to provide content that will be shared via the public portion of the website under a 'Resources' tab that will be created, and that over the coming months a forum capability will be established in the members-only portion to facilitate collaboration in support of CAETS activities.

Additionally, a procedure for the initiation and organization of CAETS Discussion Groups/Committees will be developed for initial consideration by the Board.

Approved 15 October 2020



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For CAETS 2019, a two-part approach will be employed for post-meeting communications. Shortly after the event, IVA will prepare and post a 'Reflections' paper that summarizes key themes and topics from the technical symposium; this material will also be featured on the CAETS website. Over the succeeding months, IVA will draft a formal statement for Council consideration; Council members will be invited to identify a topic that they believe should be included.

The Board also appointed a small group that will develop a five-year CAETS Strategic Plan with three components: Organizing CAETS to develop and execute a plan; membership development; and strategies to achieve CAETS objectives (as delineated in the Bylaws). Members include: Tuula Teeri, Oh-Kyong Kwon, Sanak Mishra, Hugh Bradlow, David Thomlinson, and Friedrich Wu. Secretary/Treasurer Ruth David will support the effort. The intent is to provide a draft for Council review/comment well in advance of the June 2020 meeting so a final document is available for Council consideration during the annual meeting.

7. Report of the Secretary/Treasurer

a. Rotation Schedule

An updated Rotation Schedule was provided with the meeting materials and posted on the website; it was noted that changes were necessary because two academies opted not to nominate Board Members for the 2020-2021 cycle. Japan and Mexico agreed to nominate candidates to fill those slots. Academies that will be invited to nominate members for the 2021-2022 cycle include Germany, Belgium, Denmark, and Pakistan.

b. 2021 Dues Schedule

It was reported that the dues schedule will remain unchanged for 2021.

c. Future CAETS Meeting Schedule (meeting updates will be provided via the website)

- i. CAETS 2020: Seoul, Korea – June 22-25
- ii. CAETS 2021: Buenos Aires, Argentina – September 20-23
- iii. CAETS 2022: Paris, France – date TBD but likely in March

8. Administrative Actions

- a. Approval of Rotation Schedule – Members approved the schedule.
- b. Approval of 2021 Dues Schedule – Members approved the schedule
- c. Election of Board Members for 2020-2021 – The Council elected Manuel Solanet, Argentina, as President-Elect, and new Board Members Hideaki Koizumi, Japan; David Thomlinson, United Kingdom; Jose Albarran, Mexico; and Peter Mascher, Canada.

9. Report from the Energy Committee

NAEK reported that the 2018 Energy Committee Report has not yet been finalized; acatech is leading this effort. A new project on Clean Energy Technologies is underway and will include



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consideration of how best to integrate intermittent renewable sources into legacy power grids. The related report will be published in digital version only.

10. Discussion Group Report: Engineering Education

Jesse Zhu summarized key points discussed by the group, including specific opportunities for CAETS, and provided a tentative action plan to develop a draft CAETS statement on Engineering Education for consideration in 2020. Presentation charts are available on the CAETS website.

11. Discussion Group Report: Communicating with the Public

Hugh Bradlow reported establishment of a governance structure to include himself as Chair and Lucas Noldus as Vice Chair of a CAETS Communicating with the Public Committee. The group discussed key audiences and outputs, processes in use by individual academies, and opportunities to strengthen CAETS communications, both internally and externally. Presentation charts are available on the CAETS website.

12. Discussion Group Report: Diversity and Inclusion

David Thomlinson summarized the group discussion and advocated that Diversity and Inclusion be established as a core objective for CAETS; it was agreed that this topic would be deferred for consideration during the broader strategic plan formulation. The group intends to gather information regarding efforts relating to Diversity and Inclusion within individual member academies to inform a path forward.

13. Discussion Group Report: Sustainable Development Goals (SDGs)

David Thomlinson observed that engineering is at the heart of the Sustainable Development Goals, which are applicable to developed and developing countries alike, yet few engineering academies are explicitly linking their efforts to the SDGs. He will draft a paper based on the group's discussion and propose next steps for CAETS.

The CAETS meeting adjourned and reconvened in closed session following a break.

14. Membership Application: New Zealand

Ruth David provided a brief summary of the Visiting Committee's trip report, which was included in full with Council Materials; she noted that the Committee recommended election of the Royal Society Te Aparangi as a member of CAETS.

a. Action: Call for vote

Election of the Royal Society Te Aparangi was unanimously approved by CAETS delegates in attendance. Membership is effective upon receipt of a \$2000 contribution to CAETS reserves; initial dues were established at \$1030 beginning in 2020.

15. Membership Application: Nigeria

Ruth David provided a brief summary of the Visiting Committee's trip report, which was included in full with Council Materials; she noted that the Committee recommended election of the Nigerian Academy of Engineering as a member of CAETS.



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a. Action: Call for vote

Election of the Nigerian Academy of Engineering was unanimously approved by CAETS delegates in attendance. Membership is effective upon receipt of a \$2000 contribution to CAETS reserves; initial dues were established at \$1030 beginning in 2020.

16. Membership Application: Serbia

Ruth David provided a brief summary of the Visiting Committee's trip report, which was included in full with Council Materials; she noted that the Committee recommended election of the Academy of Engineering Sciences of Serbia as a member of CAETS.

a. Action: Call for vote

Election of the Academy of Engineering Sciences of Serbia was unanimously approved by CAETS delegates in attendance. Membership is effective upon receipt of a \$2000 contribution to CAETS reserves; initial dues were established at \$1030 beginning in 2020.

17. New Business

No new business was discussed.

18. Presentation of Certificates in Recognition of CAETS Service

President Teeri presented certificates of appreciation to the following individuals:

Lucio Caceres, ANIU (President-Elect, President (2018), Past-President)

Roger McCarthy, US NAE (Board Member 2018-2019)

Lucas Noldus, AcTI.nl (Board Member 2018-2019)

Stane Pejovik, IAS (Board Member 2018-2019)

Istvan Kralik HAE (Board Member 2018-2019)

The Council meeting was adjourned at 4:55 pm.