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DRAFT AGENDA – OPEN SESSION FY23 BOARD OF GOVERNORS MEETING

Tuesday, January 31, 2023
12:00 pm to 1:00 pm (EST)

1. Opening of the Meeting (Start Time 12:00 pm)

- 1.1. Call to Order
Karen Ohland
- 1.2. Adoption of the Agenda ACTION
- 1.3. President's Remarks (10 minutes) INFORMATION
Karen Ohland
- 1.4. Executive Director/CEO's Remarks (10 minutes) INFORMATION
Tom Costabile
- 1.5. Consent Items for Action ACTION

Identification of items to be removed from Consent Agenda

Consent Items for Action are items the Board is asked to take action on as a group. Governors are encouraged to contact ASME Headquarters with their questions prior to the meeting as it is not expected that consent items be removed from the agenda.

- 1.5.1. Approval of Minutes of October 30, 2022 Meeting
- 1.5.2. Proposed Change to B4.2
- 1.5.3. Proposed Appointments
- 1.5.4. New Society Level Award- Zdeněk P. Bažant Award
- 1.5.5. Changes to Society Policy P-4.4
- 1.5.6. Proposed Changes to By-Law B5.4

2. Open Session Agenda Items

- 2.1. Financial Update (15 minutes) INFORMATION
Bill Garofalo
- 2.2. Climate Change (15 minutes) ACTION
Tom Costabile
- 2.3. Board Discussion of Membership Engagement (10 minutes) INFORMATION
Susan Ipri Brown, Andy Bicos, Wolf Yeigh

3. New Business

4. Open Session Information Items

4.1. Dates of Future Meetings

DATE	DAY	TIME	LOCATION
February 15, 2023	Wednesday	2:00 pm – 3:30 pm	Virtual Information Session
March 6, 2023	Monday	2:00 pm – 3:30 pm	Virtual Information Session
April 19, 2023	Wednesday	12:00 pm – 2:30 pm	Virtual Meeting
May 5, 2023	Friday	2:00 pm – 3:30 pm	Virtual Information Session
June 4, 2023	Sunday	8:30 am – 3:00 pm	St. Louis, MO
June 6, 2023	Tuesday	8:30 am – 3:00 pm	St. Louis, MO

5. Adjournment – Open Session

List of Appendices

- 1.5.2. Proposed Change to B4.2
- 1.5.3. Proposed Appointments
- 1.5.4. New Society Level Award- Zdeněk P. Bažant Award
- 1.5.5. Changes to Society Policy P-4.4
- 1.5.6. Proposed Changes to By-Law B5.4
- 2.2. Climate Change

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: January 4, 2023
BOG Meeting Date: January 31, 2023

To: Board of Governors
From: Committee on Organization and Rules
Presented by: Emily Boyd
Agenda Title: Proposed Change to B4.2

Agenda Item Executive Summary:

The proposed changes to B4.2 reflect the current practices for identifying alternates to the Nominating Committee and for filling vacancies.

Proposed motion for BOG Action:

To adopt changes to By-Law B4.2.

Attachments: Document attached.

B4.2 NOMINATING COMMITTEE

B4.2.1 The Nominating Committee is charged with the responsibility of reviewing and nominating members of broad experience, high standing, and active participation in the work of the Society to the position of Elected Governor specified in Article C4.1.7 of the Constitution. These nominees may be selected from proposals by various units or by individual members in the Society or from the Nominating Committee's own deliberations as it sees fit.

B4.2.2.1 Election to the Nominating Committee takes place at Business Meetings of the Society. At the second Business Meeting of the fiscal year, the President shall present the names of those recommended pursuant to By-Law B4.2.2.3, as applicable, for election to the Nominating Committee. In the event any vacancies occur following that meeting, the President may present the names of those recommended pursuant to By-Law B4.2.2.3, as applicable, for any Nominating Committee vacancies at the first Business Meeting of the new fiscal year. The voting members of the Nominating Committee shall be elected for two years and alternates for one year. Alternates should commit to participate on the Nominating Committee for a three-year cycle. Once the alternate's term is completed, the alternate will automatically move into the position of voting member.

Elected voting members and alternates shall begin their terms at the close of the Business Meeting at which they are elected.

Terms of voting members and alternates will normally end at the close of the Nominating Committee Selection Meeting. However, if the work of a particular Nominating Committee is not finished by that time, terms of that committee will continue until the selection process for which that committee is responsible has been completed.

B4.2.2.2 The Nominating Committee shall consist of ten voting members and five alternates selected by the Senior Vice Presidents. Nominations for open positions for alternates shall be made as provided in By-Law B4.2.2.3 and shall be voted upon at the Business Meetings as provided in By-Law B4.2.2.1.

Deleted: voting members and

Voting members and alternates shall be of the Member or Fellow grade and not currently serving as an officer or as Governor of the Society.

The President may select a Governor to serve as Liaison to the Committee during their Presidential term.

B4.2.2.3 Each sector will develop its own procedures for generating recommendations for alternates of the Nominating Committee. The five Senior Vice Presidents will jointly review all of their recommendations for alternates of the Nominating Committee and select five to be nominated for election to the Nominating Committee pursuant to By-Law B4.2.2.1. The Senior Vice Presidents will provide up to five additional names to fill any vacancies that occur prior to the first Business Meeting of the new fiscal year.

B4.2.2.4 The Nominating Committee shall be assisted by a non-voting group of Advisors

consisting of up to three consenting and available past Presidents who have been out of office for one year or more. These Advisors, invited by the Nominating Committee, will attend all meetings of the Nominating Committee and participate in all its discussions. At the option of the committee, they may also be present during the casting of votes for the slate of nominees, although they shall remain impartial and not communicate to the Nominating Committee their opinions regarding any Proposed Nominee. The functions of this group shall be:

- a. to acquaint the Nominating Committee of the short and long range Society plans;
- b. to make available their experience in, and their knowledge of the requirements for serving as a Governor;

B4.2.3.1 If a voting member is unable to serve, then an alternate will be identified by the Nominating Committee Chair from the pool of alternates.

Deleted: Senior Vice Presidents

B4.2.3.2 A person who has been a voting member of the Nominating Committee for a term or portion of a term which includes more than one Nominating Committee Selection Meeting is eligible to be proposed for a later term as voting member or alternate only if the later term begins one year or more after the ending of the term in which the person served as a voting member.

B4.2.4 No voting member or alternate shall be considered for nomination to become an Elected Governor of the Society during a term on the Nominating Committee, whether or not it is served.

B4.2.5 The names of those elected to serve on the Nominating Committee shall be published by the Executive Director/CEO prior to the end of each year, accompanied by a request for proposals for Elected Governors of the Society to be sent to the Nominating Committee. Any changes to the composition of the Nominating Committee shall be published as soon as possible.

B4.2.6 A vacancy in the Nominating Committee of the Society shall be filled as determined in accordance with B4.2.3.1 and B4.2.2.1.

B4.2.7 Each year, not later than December 1, the Nominating Committee shall submit any proposed changes to the Nominating Committee Operation Guide to the Committee on Organization and Rules for review and recommendation.

B4.2.8 A special nominating committee may be organized by one percent of the corporate membership of the Society in good standing certifying to the Executive Director/CEO in writing their joint intention to organize such a committee.

B4.2.9 Within two weeks following the close of the second Business Meeting of the fiscal year, the Nominating Committee shall deliver to the Executive Director/CEO in writing the names of its nominees for Elected Governor to be filled at the next election, together with the written consents of the nominees.

B4.2.10 The names of nominees for Elected Governor proposed by the Nominating

Committee and any other special nominating committee shall be published by the Executive Director/CEO immediately after the receipt of the report of the Nominating Committee or the special nominating committee.

B4.2.11 Names of any nominees presented by any special nominating committee must be in the hands of the Executive Director/CEO by the first Tuesday in August of each year and must be accompanied by the written consent of each nominee.

Deleted: B4.2.12 Any member of the Society or any organized unit of the Society may propose and is encouraged to propose, directly to the Nominating Committee, nominees for the Board of Governors.

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: January 4, 2023
BOG Meeting Date: January 31, 2023

To: Board of Governors
From: Committee on Organization and Rules
Presented by: Emily Boyd
Agenda Title: Proposed Appointments

Agenda Item Executive Summary:

Proposed appointments reviewed by the COR on January 4, 2023.

Proposed motion for BOG Action:

To approve the attached appointments.

Attachments: Document attached.

JANUARY 2023 PROPOSED APPOINTMENTS TO ASME UNITS

Internal Unit	Nominee	Appointment Position/Title	Appointment Term/Category	Appointment Type	History
Committee on Honors	J. N. Reddy	Member-at-Large	July 2023 – June 2026	Reappointment	Chair, Computing in Applied Mechanics, Timoshenko Medal Committee
Committee on Honors	Howard Walker	Member-at-Large	July 2023 – June 2026	Reappointment	Chair, Solar Energy Division, Frank Kreith Energy Award Committee
Standards and Certification Sector	Helen Mearns	Member-at-Large	February 2023 – June 2026	Initial	Nominating Committee, Board on Nuclear Codes and Standards

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: December 16, 2022

BOG Meeting Date: January 31, 2023

To: Board of Governors

From: Committee on Honors

Presented by: Leila Persaud

Agenda Title: New Society Level Award

Agenda Item Executive Summary: *(Do not exceed the space provided)*

The Committee on Honors at its November 17, 2022, meeting approved the establishment of the Zdeněk P. Bažant Award.

Proposed motion for BOG Action:

To accept the Committee on Honors recommendation to establish the Zdeněk P. Bažant Award.

Attachment: Yes

August 15, 2022

To: ASME Committee on Honors

From: Executive Committee of the Applied Mechanics Division of the ASME

Subject: Proposal to establish the ASME Zdeněk P. Bažant Medal.

Dear Honors Committee Members,

Please consider the enclosed proposal to establish the ASME Zdeněk P. Bažant Medal, in accordance with society policy P-3.2, revised February 2014. This award is intended to honor major achievements and sustained impact in the field, and is unique in that it is the only ASME award, at Society level, to honor a midcareer researcher in the field of mechanics.

The purpose of this memorandum is to seek approval from the ASME Committee on Honors for the establishment of the Zdeněk P. Bažant Medal, to be sponsored by individual donors.

Background

Born and educated in Prague (Ph.D. 1963), Zdeněk P. Bažant joined Northwestern in 1969, where he has been W.P. Murphy Professor since 1990 and simultaneously McCormick Institute Professor since 2002, and Director of Center for Geomaterials (1981-87). He was inducted to NAS, NAE, Am. Acad. of Arts & Sci., Royal Soc. London, the national academies of Austria, Japan, Italy, Spain, Canada, Czech Rep., Greece and India, and Academia Europaea. He is a honorary Member of ASME and received the ASME Medal. Also: Austrian Cross of Honor for Science and Art I. Class from President of Austria; 7 honorary doctorates (Prague, Karlsruhe, Colorado, Milan, Lyon, Vienna, Ohio State); ASME Timoshenko, Nadai and Warner Medals; ASCE von Karman, Freudenthal, Newmark, Biot, Mindlin, TY Lin and Croes Medals; SES Prager Medal; Outstanding Res. Award from Am. Soc. for Composites, etc. He published 650+ papers and nine books—on Scaling of Structural Strength, Creep in Concrete Structures, Inelastic Analysis, Fracture and Size Effect, Stability of Structures, Concrete at High Temperature, Creep & Hygrothermal Effects, Probabilistic Mechanics, and Quasibrittle Fracture Mechanics. He is one of the original top 100 ISI Highly Cited Scientists in Engrg. Current H-index: 140, citations: 86,000 (Google). In 2019 Stanford U. weighted citation survey (see PLoS), he was ranked no.2 in Engineering worldwide.

We propose that the name of this award be the ASME Zdeněk P. Bažant Medal.

Need for such an Award

Currently, ASME has no other award, at Society or Division level, to honor a midcareer researcher in the field of applied mechanics. This award is meant to honor a midcareer researcher's contributions to the teaching, practice, and research of applied mechanics.

The field of applied mechanics is particularly important to mechanical engineers and to ASME. In fact, ASME publishes two important journals (*Journal of Applied Mechanics*; *Applied Mechanics Reviews*) due to the significant interest in the field. ASME has several society-level lifetime achievement awards (e.g., Timoshenko Medal, Drucker Medal, Koiter Medal), and a division-level young investigator award (i.e., Hughes Award) in mechanics. As the average age of the senior and junior awardees is ~60 and ~37 years old, respectively, it seems necessary to establish a midcareer award in the field of mechanics; this is timely and aligned to Society goals.

Description of the Award

We intend this Society-Level Award to recognize outstanding individuals who have made significant contributions to the field of mechanics through research, practice, teaching and/or outstanding leadership. The Award will take the form of a \$5,000 honorarium, a medal, and a \$750 travel supplement and certificate. If the Committee deems it warranted, the Award will be presented to at most one individual annually.

Financial Provisions

The individual donors are prepared to provide \$150,000 to the ASME Foundation to manage and bestow the award in collaboration with the Committee on Honors. The administrative fee will be periodically reviewed and determined by the Board of Directors of the ASME Foundation, not to exceed 5% of net asset value.

Nominating Committee

The Zdeněk P. Bažant Medal Committee shall consist of the five members of the Applied Mechanics Division Executive Committee, the five most recent past chair of the Applied Mechanics Division Executive Committee, and the five most recent Zdeněk P. Bažant Medalists to serve five-year terms. The chair of the Applied Mechanics Division shall serve as chair of the Zdeněk P. Bažant Medal Committee.

The Award Committee of the Zdeněk P. Bažant Medal (AC-BM) shall review and consider all nominations submitted by September 15 annually. If the Committee finds that the award is warranted, the AC-BM may recommend up to one nominee annually to the Committee on Honors by March 1 for consideration of an award.

The Award will recognize significant contributions to the field of mechanics through research, practice, research, teaching and/or outstanding leadership.

This letter is written in name of the Executive Committee of the Applied Mechanics Division of the ASME and signed by the vice chair.

A handwritten signature in cursive script, appearing to read "Marc Hill".

ASME ZDENĚK P. BAŽANT MEDAL PROPOSED RULES OF AWARD

Form of award

A \$5,000 honorarium, a bronze medal, a certificate, and a \$750 travel supplement to attend the award ceremony in accordance with Committee on Honors policy.

Achievement recognized

The Zdeněk P. Bažant Medal is conferred in recognition of an individual who has made significant contributions to the field of mechanics through research, practice, teaching and/or outstanding leadership. Contribution to research must not be missing.

Limitations

Within 20 years from the terminal degree at the time of the nomination deadline (i.e. September 15).

Nominations

Nominations from individuals, ASME members and Technical Committees. Members of the Award Committee (see below) shall refrain from nominating or writing support letters. Members of the Zdeněk P. Bažant Medal committee are not eligible to receive the award.

The Awards Committee of the Zdeněk P. Bažant Medal (AC-BM) shall review and consider all nominations submitted by September 15 annually.

If the AC-BM finds that the award is warranted, the AC-BM may recommend up to one nominee annually to the Committee on Honors by March 1 for consideration of an award.

Nominating Committee

The Zdeněk P. Bažant Medal Committee shall consist of the five members of the Applied Mechanics Division Executive Committee, the five most recent past chair of the Applied Mechanics Division Executive Committee, and the five most recent Zdeněk P. Bažant Medalists to serve five-year terms. The chair of the Applied Mechanics Division shall serve as chair of the Zdeněk P. Bažant Medal Committee.

Nomination deadlines

September 15 to the Executive Committee of the Applied Mechanics Division
March 1 to the Committee on Honors.

Funding

\$150,000 to be deposited with the ASME Foundation



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	January 4, 2023
BOG Meeting Date:	January 31, 2023
To:	Board of Governors
From:	Committee on Organization and Rules
Presented by:	Emily Boyd
Agenda Title:	Changes to Society Policy P-4.4

Agenda Item Executive Summary:

A modification is being made to Society Policy P-4.4 to allow an individual to serve on more than one Standing Committee of the Board of Governors.

Proposed motion for BOG Action:

To approve changes to Society Policy P-4.4

Attachment(s): Society Policy changes.

SOCIETY POLICY

APPOINTMENT OF ASME VOLUNTEER PERSONNEL TO NON-ELECTED POSITIONS

I. PREFACE

- A. Successful accomplishment of ASME objectives, and hence its standing in the eyes of the profession and the public, depends in large measure on the quality of the work of the Society's units and its volunteers.
- B. It is the responsibility of those charged with nominating personnel to units of the Society to seek out members of ASME who both are motivated to serve and are able to accept the responsibilities involved.
- C. This Policy relates to the nomination and appointment of non-elected volunteer positions.
- D. Society Policy P-4.3, Qualifications of ASME Officers and Governors and Requirements of Service, covers the positions of Officers and Governors.
- E. Society Policy P-15.11, Diversity and Inclusion, states in part, "ASME shall dedicate time and resources to ensure the active participation as well as leadership opportunities of talented individuals from all segments of society."
- F. By-Law B5.2.4.1 states in part, "The Committee on Organization and Rules, under the direction of the Board of Governors, shall have responsibility for ensuring that the Society is organized and supplied with qualified leadership to serve the current and anticipated future needs of the membership ..."
- G. Constitution Article C4.1.1 states in part, "In the discretion of the Board of Governors, up to two members-at-large, who need not be members of the Society, each appointed by the vote of a majority of the Entire Board of Governors (each, an "Appointed Governor") upon their determination that the size of the Board of Governors may be fixed at thirteen or fourteen, as the case may be, to include a seat for the proposed appointee and that the proposed appointee has demonstrated substantial philanthropic support of the Society's mission and sustained engagement with the field of engineering."

II. PURPOSE

- A. To provide guides for selection and nomination of appointed volunteers relative to requirements of the position and term of service.
- B. To provide the procedure leading to appointment.

III. POLICY

- A. Sector Council, Board, or Committee Members.
 - 1. Qualifications

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- a. A full understanding of the purposes and objectives of the unit.
 - b. Experience, judgment, and motivation closely related to the work of the specific unit on which they are serving.
 2. Governors shall not serve as a member of any other unit except as specified in the By-Laws.
- B. Standing Committees Reporting to the Board of Governors
 1. Committee on Organization and Rules, Committee on Finance, Committee on Honors, Diversity and Inclusion Strategy Committee, and Volunteer Orientation and Leadership Training Academy.
 - a. A full term on these committees is defined as three years; partial year terms are permitted. The combination of partial and full terms cannot exceed six years.
 - b. Additional service beyond six consecutive years will be permitted only after the passage of at least two years or in the event of ex-officio service.
 - c. In the event of a nomination for more than one Past President to serve on the committee, a statement must accompany the nomination setting forth specific reasons why this appointment is in the best interest of the Society. The term of the appointment is one year and must be approved by the Board of Governors, taking into consideration the feedback from the Committee on Organization and Rules.
 - d. An individual shall not serve on more than one Standing Committee Reporting to the Board at the same time unless service on one or both of them is in an ex-officio capacity. An individual may serve on two Standing Committees Reporting to the Board of Governors at the same time if recommended by the Committee on Organization and Rules and approved by the Board of Governors if documentation is provided addressing any potential conflicts of interest for serving on the two committees.
 2. Audit Committee, Committee on Executive Director Evaluation and Staff Compensation and Executive Committee
 - a. The President shall nominate incoming first year Elected Governors for appointment by the Board for service on the Audit Committee and Committee on Executive Director Evaluation and Staff Compensation, as specified in By-Laws B5.2.6.2 and B5.2.9.2.

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1. Unless otherwise specified in this policy, the term of office of a member of a sector, board, council or committee is specified in the respective Operation Guide.
2. Unless otherwise specified in this policy, individuals who have completed one or more terms of service to a unit may be reappointed for an additional term.
 - a. If the total continuous service in that position does not exceed two full terms, then the justification for reappointment shall be similar to the justification for the original appointment.
 - b. In the event of a reappointment for which total service would exceed two full terms, a statement must accompany the nomination setting forth specific reasons why this appointment is critical to the well-being of the unit, and the exceptional circumstances involved.

E. Membership

1. All members of
 - a. standing committees reporting to the Board of Governors,
 - b. sector councils,
 - c. boards,
 - d. standing and special committees under committees, sector councils and boards,
 - e. technical division and sub-division executive committees
 - f. and all Society representatives to joint activitiesshall be members of ASME.
2. Exceptions are permissible in those cases where non-members may be needed to serve on various technical committees and sub-committees or working groups to bring special skills to the task or to represent related organizations. When such non-members of ASME are nominated, the reasons for so doing must be set forth in making the proposal.
3. Appointed Governors are not required to be members of ASME.

F. Inter-Sector Committees

The procedure for appointments to such committees is the same as to any regular board or committee.

G. Appointment and Nominating Responsibilities

1. The Operation Guide of each unit shall define members of the nominating committee for their unit. In addition, each guide will list positions, including the qualifications (e.g., knowledge and skills) necessary for such positions, and terms of

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office required. Each nominating committee will provide suitable candidates for consideration at least six months prior to commencement of the term.

2. The nominating responsibility can be achieved through direct nominations by the unit or by unit confirmation of nominating subcommittee recommendations.
3. In the case of the standing committees reporting to the Board of Governors, the members of each unit shall have nominating responsibility.

IV. PROCEDURE

A. Appointments Requiring Approval by the Board of Governors

1. The Committee on Organization and Rules shall be responsible for reviewing proposed nominations to the Board of Governors and providing a statement to the Board as to whether the nomination helps to ensure that the Society is supplied with:
 - a. qualified leadership to serve the current and future needs of the membership;
 - b. the active participation, as well as leadership opportunities, of talented individuals from all segments of the Society
2. The statement from the Committee on Organization and Rules shall be provided prior to the appointments made by the Board of Governors, including all members of sector councils except for the position of senior vice president and chairs of the sector committees.
3. All nominations for appointments specified in IV.A.1 shall be submitted to the Committee on Organization and Rules on a special nomination form. Staff members may sign the form on instructions from the sector or committee and on its behalf.

B. Appointments Delegated to the Sectors

Appointments to boards and committees under a sector are made by that sector's council.

C. Nominations for Appointments Delegated to the Sectors

1. Procedures for nominations will be included in each sector's operation guide.
2. Units of the Society may find it beneficial to call on other units to provide recommendations for unit membership when needed expertise may be available from that area of the Society. Procedures for this option should be included in the operation guides of units.

D. The nominee shall express their intent to serve for the entire appointment term involved.

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- E. The nominee shall sign a statement of understanding of and compliance with Society Policies P-15.7 (Ethics), P-15.8 (Conflicts of Interest), P-15.9 (Policy Against Discrimination (Including Discriminatory Harassment– Members), P-15.14 (Code of Conduct) and P-14.6 (Society Name, Logo, Seal ...).
- F. Appointed members who consistently do not attend meetings, reply to correspondence or carry out assigned tasks may be replaced at any time by the appointing unit using the above procedures.

Responsibility: Committee on Organization and Rules

Adopted: May 9, 1968

Revised: June 16-17, 1970
June 18, 1975
April 28, 1978
December 1, 1978
June 25, 1980
March 21, 1984
(editorial changes 3/85)
November 21, 1985
(editorial changes 6/87)
September 8, 1988
(editorial changes 4/89)
(editorial changes 9/89)
June 14, 1995
(editorial changes 1/96)
(editorial changes 9/98)
(editorial changes 3/01)
November 16, 2001
June 1, 2005
June 8, 2008
June 14, 2009
(editorial changes 7/12)
(editorial changes 3/13)
(editorial changes 8/13)
(editorial changes 8/14)
(editorial changes 6/17)
June 3, 2018
June 5, 2019
January 22, 2020
April 19, 2022

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: January 4, 2023
BOG Meeting Date: January 31, 2023

To: Board of Governors
From: Committee on Organization and Rules
Presented by: Emily Boyd
Agenda Title: Proposed Changes to By-Law B5.4

Agenda Item Executive Summary:

The proposed changes to B5.4 reflect the merger of two advisory bodies: the Energy and Environmental Standards Advisory Board (EESAB) and the Board on Strategic Initiatives (BSI). The merged group will be the Technical and Strategic Advisory Board (TSAB).

Proposed motion for BOG Action:

To approve for first reading changes to By-Law B5.4.

Attachments: Document attached.

B5.4 STANDARDS AND CERTIFICATION SECTOR

- B5.4.1.1 The Standards and Certification Sector, under the direction of the Board of Governors, is responsible for the activities of the Society relating to codes and standards, including related conformity assessment programs. The Standards and Certification Sector will maintain a current Sector Operation Guide that will contain operational details of the Standards and Certification Sector that are not in these By-Laws.
- B5.4.1.2 The Standards and Certification Sector shall be led by a Council on Standards and Certification (CSC) that consists of the following voting membership: a Senior Vice President as Chair; two Vice Chairs; no more than twelve members-at-large; the Chairs for the following Boards: Standardization and Testing, Nuclear Codes and Standards, Pressure Technology Codes and Standards, Safety Codes and Standards, Conformity Assessment and Hearings and Appeals. ~~and the Energy and Environmental Standards Advisory Board~~ The nonvoting membership of the Council shall ~~consist of~~ include the ~~Associate Executive Director and the Managing Directors, Standards and Certification, Senior Managing Director of Standards and Engineering Services, Managing Director of Standards and Engineering Services, Senior Director of Standards Operations, and Senior Director of Engineering Operations.~~
- B5.4.1.3 The incoming Senior Vice President of Standards and Certification shall be nominated by the Council on Standards and Certification from among its past or present Board Chairs and members-at-large for appointment by the Board of Governors for a term of three years. In the event that a past or present Board Chair or member-at-large is not available from the Council on Standards and Certification, then the Council shall defer to the Board of Governors for the Senior Vice President selection. Board Chairs who have been elected to a term that extends more than one year into a new term of the Senior Vice President of Standards and Certification are not eligible to become the Senior Vice President.
- B5.4.1.4 The twelve members-at-large and the CSC Vice Chairs shall be appointed by the Board of Governors, as recommended by the Council on Standards and Certification. The term of each member-at-large and CSC Vice Chairs shall be three years, with the terms of one-third of the members-at-large ending at the close of the second Business Meeting of the fiscal year.

B5.4.2.1 The following Boards will report directly to the Council on Standards and Certification: Board on Standardization and Testing, Board on Nuclear Codes and Standards, Board on Pressure Technology Codes and Standards, Board on Safety Codes and Standards, Board on Conformity Assessment, ~~Energy and Environmental Standards Advisory Board~~, Board on Council Codes and Standards Operations, Technical and Strategic Advisory Board ~~Board on Strategic Initiatives~~, and the Board on Hearings and Appeals.

B5.4.2.2 The Boards on Standardization and Testing; Nuclear Codes and Standards; Pressure Technology Codes and Standards; Safety Codes and Standards; and Conformity Assessment shall supervise the development of codes and standards within their respective charters, including the development of conformity assessment criteria for applicable codes and standards. The Board on Conformity Assessment shall also supervise the administration of conformity assessment programs. ~~The Energy and Environmental Standards Advisory Board shall coordinate initiation of new Standards and Certification products and services addressing global energy and environmental needs.~~ The Board on Council Codes and Standards Operations shall approve on behalf of the Council, matters of procedures and personnel, and shall advise the Council on operational matters, including honors, information services, legal considerations, continuous improvement, and planning. The Technical and Strategic Advisory Board, under the direction of the Council on Standards and Certification, will consider and evaluate products and services and make recommendations to the relevant Boards and business units while collaborating with the Strategy Office. ~~The Board on Strategic Initiatives shall advise the Council on trends, implications, strategic issues and planning.~~ The Board on Hearings and Appeals shall be a forum for appeals resulting from grievances related to procedural due process in codes, standards, accreditation, registration, and certification activities.

B5.4.2.3 The Boards on Standardization and Testing; Nuclear Codes and Standards; Pressure Technology Codes and Standards; Safety Codes and Standards; and Conformity Assessment shall each consist of a Chair; one or more Vice Chairs, and a membership, as determined by the Council on Standards and Certification. ~~The Energy and Environmental Standards Advisory Board shall consist of a Chair, a Vice Chair, and a membership, as determined by the Council on Standards and Certification.~~ The Board on Council Codes and Standards Operations shall consist of a Chair, Vice Chair, and a membership, as determined by the Council on Standards and Certification. The Chair of the Board on Council Operations shall also serve as a Vice Chair of the Council on Standards and Certification. The Chair of the Board on Hearing and Appeals shall serve as the Vice Chair of the Board on Council Operations. The Technical and Strategic Advisory Board ~~Board on Strategic Initiatives~~ shall consist of a Chair, Vice Chair, and a membership, as determined by the Council on Standards and Certification. The Chair of the Technical and Strategic Advisory Board shall also serve as a Vice Chair of the Council on Standards and Certification. The Board on Hearings and Appeals shall consist of a Chair, and ~~a~~ membership as determined by the Council on Standards and Certification.

Deleted: the Vice Chair, Operations of the Council on Standards and Certification as Chair, the Chair of the Board on Hearings and Appeals as Vice Chair, and a membership, as determined by the Council on Standards and Certification.

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Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	January 10, 2023
BOG Meeting Date:	January 31, 2023
To:	Board of Governors
From:	William Garofalo, Chief Financial Officer
Presented by:	William Garofalo
Agenda Title:	Financial Update

Agenda Item Executive Summary:

A financial update will be provided.

Proposed motion for BOG Action:

None

Attachment(s):

None



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	January 3 rd , 2023
BOG Meeting Date:	January 31 st , 2023
To:	Board of Governors
From:	Anand Sethupathy, Managing Director, Strategy & Programs
Presented by:	Anand Sethupathy, Managing Director, Strategy & Programs Iana Aranda, Director, Engineering Global Development Tom Kurfess, ASME Board of Governors
Agenda Title:	Review and Approval of Revised Climate Position Statement

Agenda Item Executive Summary:

During the October 30th, 2022 Board Meeting, version 8 of the Climate Position Statement was reviewed by the Board. After receiving feedback from the Board and other attendees of the Oct. 30th meeting, the Board decided that the Climate Position Statement would be shared with Sector leaders for additional feedback. Over the period of Oct. 30th to Dec. 15th, version 8 was shared with Sector leaders from TEC, MDE, S&C, PAO and SECD. A survey was distributed to collect feedback. The quantitative results of the survey and the key comments/revisions have been incorporated into the attached version of the Climate Position Statement. During this session, we will review the feedback from the sector leaders and call for a vote on adopting the attached final revision as the official climate position of ASME.

Proposed motion for BoG action:

Whereas, the ASME Board of Governors agrees that the attached version of the Climate Position Statement is supported by the Board of Governors and is ready for publication by ASME as the official Climate Position Statement of ASME.

Attachment(s):

**Revised Climate Position Statement – V10
PPT Deck with Feedback from ASME Community on V8 of the Climate Position Statement**

Edit 9

DRAFT: ASME Climate Position Statement

Since 1880, ASME has convened engineers, other experts, and leaders of all kinds to take on society's biggest and most technical challenges. Today, humanity is facing one of its largest challenges ever: climate change.

The scale and complexity of this challenge is unprecedented. A changing climate threatens the stability and sustainability of economies, ecosystems, and communities globally. In the coming decades, climate change will claim a role in every problem that engineers face, and climate action must play a part in every solution.

Engineers possess the tools and training critical to generating and implementing sustainable solutions in ways that benefit all of humanity. A member-focused organization, ASME occupies a unique position as a global standard-bearer, educator, and influencer across sectors, industries, and borders. At ASME, we believe that engineers have both an opportunity and the responsibility to support and lead in global action mitigating climate change.

ASME Approach to Climate Action

Engineers are distinctly positioned to create and advance climate change mitigation, adaptation, and resilience technologies and strategies. Leveraging our track record as a neutral convener and provider of unbiased expertise, ASME will continue to facilitate the enabling environment for consensus-building around technical, science-based solutions. Specifically, ASME will leverage its leadership in innovation and technology, workforce development, and policy to catalyze urgent outcomes.

In executing this approach, ASME will:

- Support the global consensus of climate science and the Intergovernmental Panel on Climate Change (IPCC)'s target, currently limiting global warming to 1.5 degrees celsius above pre-industrial levels
- Enable engineers in accelerating the drive towards net-zero emissions and a carbon negative future
- Facilitate communication on climate policy among government, industry, and academia—leveraging ASME's successful history of providing nonpartisan expertise to policymakers
- Develop and engage the international engineering workforce that meets our present and future climate challenges
- Align ASME's sustainability and climate strategy to the United Nations' Sustainable Development Goals
- Reassess our goals and approach as new facts and realities arise

ASME is building from a strong foundation, given our ongoing support of the key technologies—and the talent—needed to mitigate or reverse climate change. We understand that our approach to climate action requires engagement with and the coordination of a wide variety of stakeholders, and we acknowledge that our profession is on a continual journey to ensure adequate representation and access. This further underscores the importance of ASME's ongoing work to address the related and critical issues of diversity, equity, and inclusion within the engineering community.

Climate action is the work of generations, and ASME aspires to remain a constant in turbulent times. Engineers are natural problem solvers, with the tools and training needed to find and implement sustainable climate action for the benefit of all humanity. We invite all engineers and technical professionals to join ASME in building a sustainable future.

ASME & Climate Change: Position and Strategy

Board of Governors Meeting
January 31, 2023

ASME Climate Position Statement

The external-facing Position Statement serves to clearly message ASME's position on climate action, sets the tone and course for action.

Not the detailed implementation plan but rather the starting point and orientation.

Based on key guidelines

1 **Credible based on science, global, industry, and workforce trends - not politics**

2 **Recognizing and communicating what ASME is already good at, including existing climate-related initiatives**

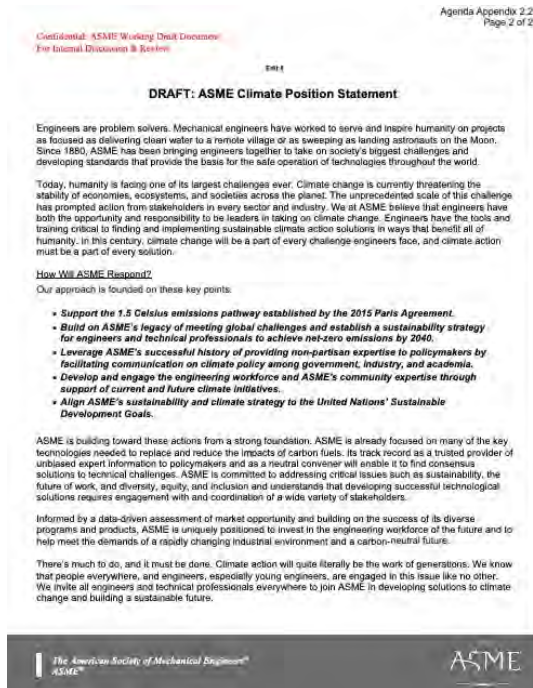
3 **Amplify existing and future initiatives and provide strategic direction to unlock organizational growth through coordinated climate action**

Principles of the ASME Climate Position Statement

The climate position statement principles align ASME's climate action to international science-based initiatives and research on the future of the mechanical engineering field

Core principles presented in draft of ASME Climate Position Statement V8

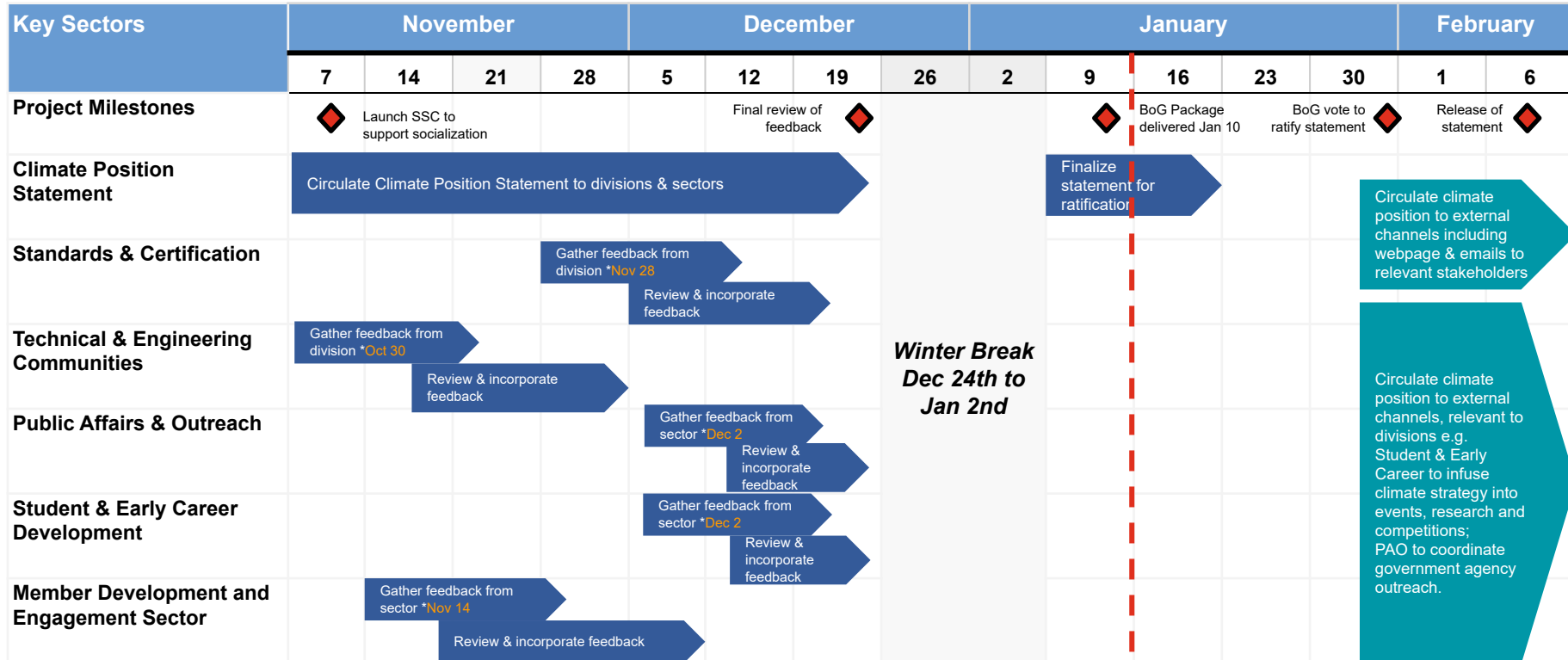
- 1 Support the 1.5 celsius emission pathway
- 2 Achieve net-zero emissions by 2040
- 3 Facilitate climate communication between key stakeholders
- 4 Align ASME's sustainability & climate strategy to UN SDGs
- 5 Develop and engage the engineering workforce to support current and future climate initiatives



Climate Position Statement V8 Socialization Strategy

Socialized across key ASME leadership to gauge its alignment with ASME’s vision & operations before ratification and release.

 Internal Comms
 External Comms



FEEDBACK & ANALYSIS

Comments were coded and themes were identified surrounding parts of the statement that respondents felt needed improvement

Detailed methodology and findings available in ASME Climate Action Survey Analysis Report v0.6 prepared on Jan 3, 2023

As of December 18, 2022 - responses to survey received from the following:

Technical Divisions:

Aerospace, Advanced Energy Systems, Applied Mechanics, Bioengineering, Clean Energy, Computers & Information in Engineering, Dynamic Systems & Control, Electronic & Photonic Packaging, Energy Systems, Gas Turbine Technology Group, Heat Transfer, Internal Combustion Engines, Information Storage & Processing Systems, Management, Manufacturing Engineering, Nuclear Engineering, Ocean Offshore and Arctic engineering, Petroleum, Power, Pipeline Systems, Pressure Vessels & Piping, Rail Transportation, Tribology

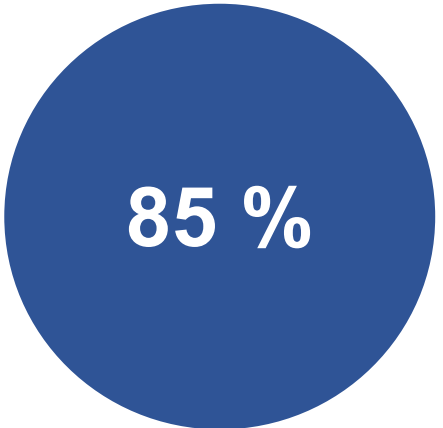
Sectors:

Engineering for Global Development
International Gas Turbine Institute
Standards & Certification
Public Affairs & Outreach
Student & Early Career Development
Member Development & Engagement

Total Number of Respondents: 54

Climate Position Statement Feedback Analysis

Climate Position Statement V9 was drafted taking into account the most common critiques of V8 to build consensus



... of 54 respondents agreed with the general sentiment behind the climate position statement

Source: ASME Climate Action Survey Analysis Report v0.6. Detailed data available in Appendix.



... of respondents disagreed

Top 4 Common Critiques of Statement % of Respondents

Top 4 Common Critiques of Statement	% of Respondents
Opposition to 2040 Target	35%
Lack of Action in Position Statement	20%
Opposition to 1.5 celsius emission pathway	18%
Opposition to UN Sustainable Development Goals (SDGs)	13%

Feedback incorporated into Climate Position Statement v9

Climate Position Statement Socialization

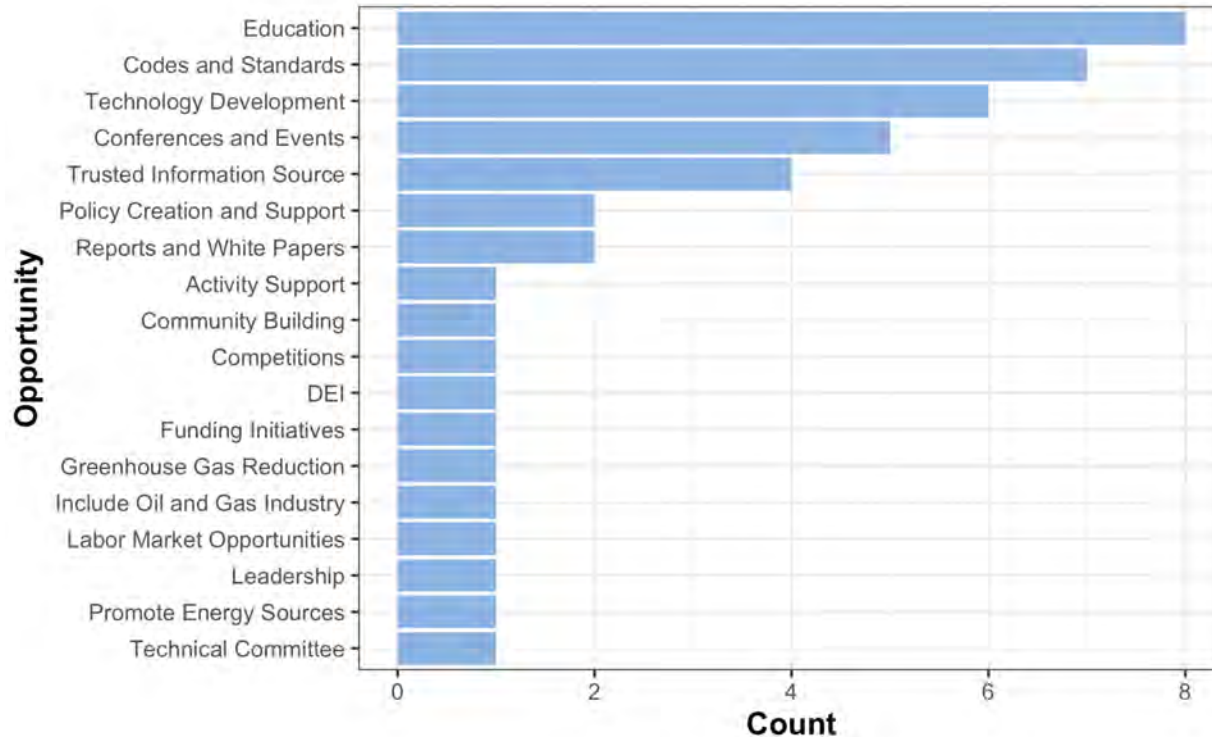
Feedback themes:

1. **Concision / Emphasis:** Concision / Emphasizing a particular point
2. **Implementation:** ASME's plans for implementation
3. **Science:** Claim based on climate science

Issue type	Comment summary	Action Taken	Impact
Context / Introduction	Preamble should be included to focus the position statement and provide context	Add context and aspirational content in the second paragraph after "leaders in taking on climate change":	Places statement in context, while providing community insight
Commitment / Science	UN SDGs and Paris Agreement are unnecessary and overtly political	UN SDGs already supported & integrated throughout ASME's existing portfolio. Align to UN IPCC as the credible governing body.	Builds on demonstrated portfolio. Specifies science-based organization behind a key principle of the statement
Commitment / Science	1.5 degrees warming is unrealistic	Align to UN IPCC target of limiting global warming to 1.5 degrees celsius above pre-industrial levels and acknowledged importance of target reviews to align with scientific findings.	Increases credibility and alignment of statement with scientific evidence and global consensus
Commitment / Science	The 2040 date is unrealistic and is not in conformance with dates used by the Biden administration and most of the world's climate agencies. The use of 2040 will damage ASME's position and will be challenged, mitigating the impact of the statement.	Target date removed. Revised to align with international agreements and acknowledged importance of target reviews to align with scientific findings.	Increases credibility and alignment of statement with scientific communications
Implementation	Statement does not outline any actions that will be taken by ASME.	Emphasize implementation pathways. <i>"Specifically, ASME will approach climate action through the three key initiative themes of policy, workforce and innovation & technology."</i> Signal implementation strategy to come via landing page	Provides implementation focuses to explain next steps more clearly

Interdivision and Sector Meeting Feedback

Volunteer leaders foresee significant opportunities for climate initiatives across ASME anchored to an overarching climate action strategy.



DRAFT: ASME Climate Position Statement

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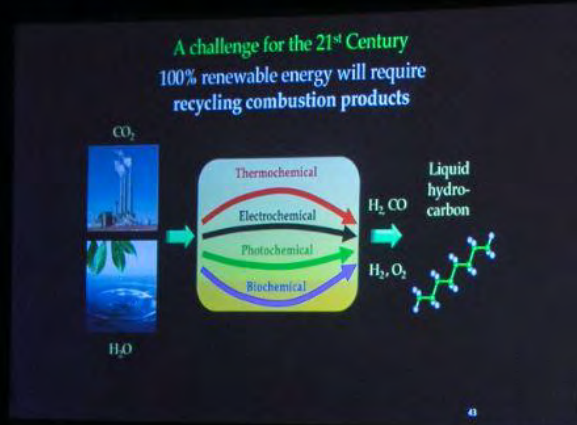
- Support the global consensus of climate science and the Intergovernmental Panel on Climate Change (IPCC)'s target, currently limiting global warming to 1.5 degrees celsius above pre-industrial levels
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VOTE on V9

Thank you for your inputs & time today!

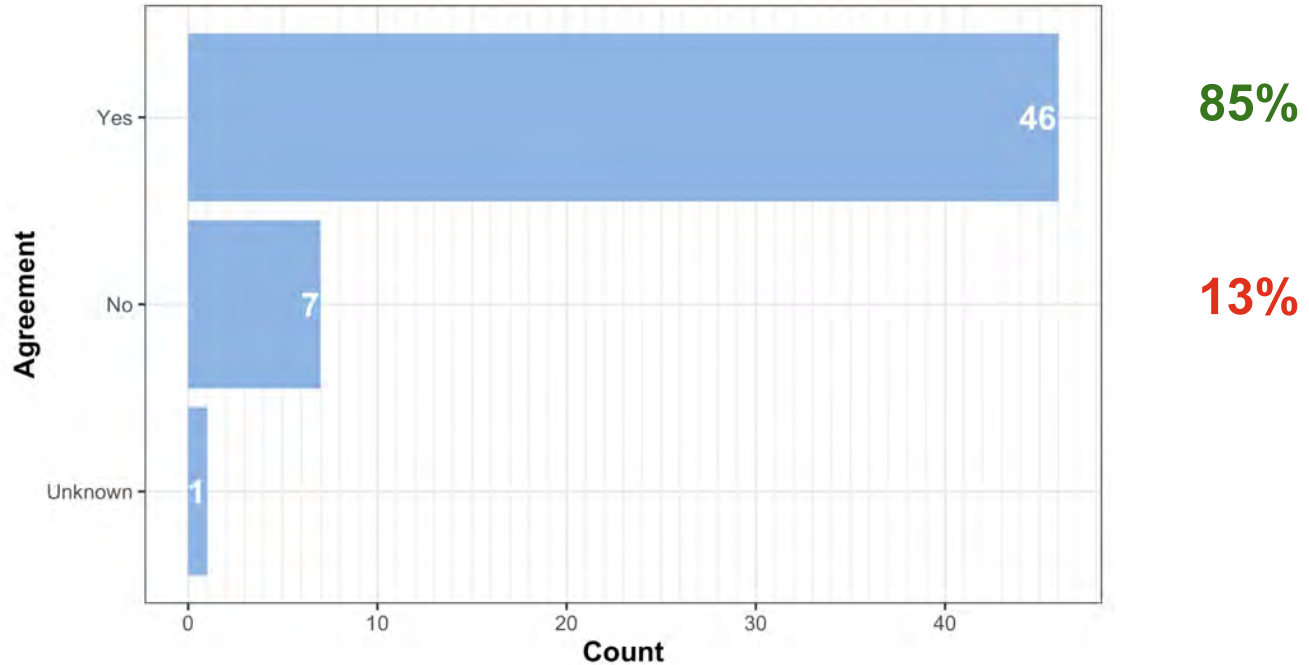


ASME IMECE 2019 Keynote on “Climate Change and Innovative Paths to a Sustainable Future” by Dr. Steven Chu, Nobel Prize in Physics Co-Recipient

Appendix

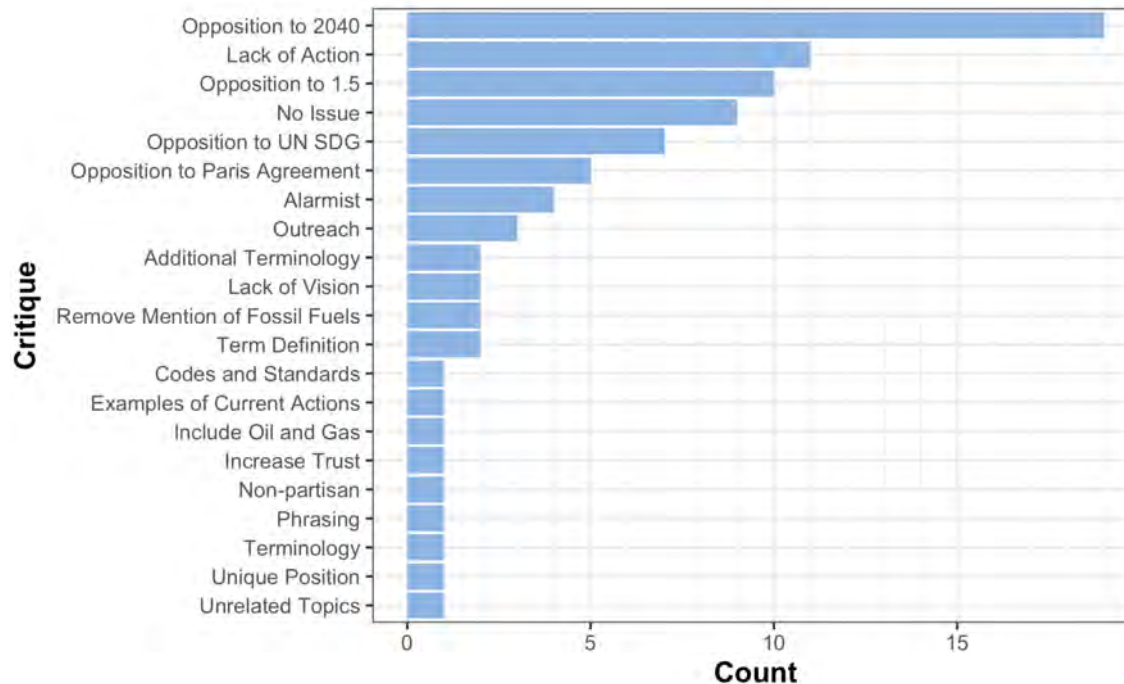
Interdivision and Sector Meeting Poll Results

Do you agree with the general sentiment behind the climate position statement?



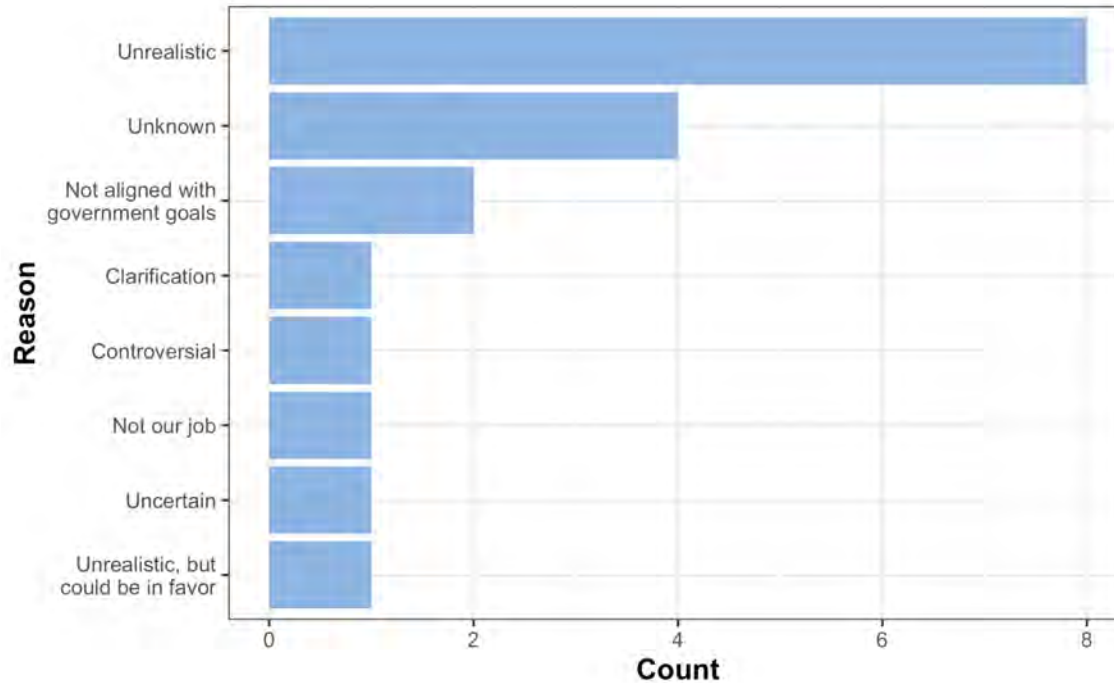
Interdivision and Sector Meeting Poll Results

What critiques do you have of the principles behind the climate position statement?



Interdivision and Sector Meeting Poll Results

What is your rationale for disapproving of the road to 2040?





Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	January 13, 2023
BOG Meeting Date:	January 31, 2023
To:	Board of Governors
From:	Susan Ipri Brown, Andy Bicos and Wolf Yeigh
Presented by:	Susan Ipri Brown, Andy Bicos and Wolf Yeigh
Agenda Title:	Board Discussion of Membership Engagement

Agenda Item Executive Summary:

Governors Ipri Brown, Bicos and Yeigh will provide information on current conversations about membership engagement. While different ideas have been exchanged, they would like to have discussions about what is needed to move the needle in ASME's membership numbers.

Proposed motion for BOG Action: **None**

Attachment(s): **None**