



Associate Society Alliance

MINUTES

**ASHRAE ASSOCIATE SOCIETY ALLIANCE
VIRTUAL MEETING
JUNE 17, 2020**

These minutes were approved by ASHRAE Associate Society Alliance
January 18, 2021.



MINUTES
ASHRAE ASSOCIATE SOCIETY ALLIANCE
Virtual Meeting
17-June-2020

I. Call to Order

The 2020 Virtual Annual Meeting of the ASHRAE Associate Society Alliance (AASA) was called to order at 9:00 am EDT by Chair, Tim Wentz, using the ASHRAE GoToMeeting platform.

II. Approval of Draft Minutes from Orlando

It was moved by Farooq Mehboob and seconded by Vikram Murthy

(1) That the minutes from the 2020-February-3 AASA Meeting in Orlando, Florida be approved; minutes were unanimously approved

III. Introductions

Introductions were made and those in attendance are on the attached list (Attachment A1).

AI 1 Staff to send out Questionnaire to capture updated information

IV. ASHRAE Code of Ethics Commitment

Mr. Wentz read the following statement into the record: *"In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests."*

(Code of Ethics: <https://www.ashrae.org/about/governance/code-of-ethics>)

(Core Values: <https://www.ashrae.org/about/ashrae-s-core-values>)

V. Statement Reaffirming Core Values

It was moved by Sheila Hayter and seconded by Oswaldo de Siqueira Bueno

(2) That the ASHRAE Executive Committee reaffirm the Alliance commitment to the ASHRAE core value related to diversity and inclusivity, as described in the following statement:

As a global organization comprised of 65 HVAC&R industry national associations from around the world, the ASHRAE Associate Society Alliance (the Alliance) celebrates the diverse knowledge and experiences represented by the members of the Alliance associations. This diversity is derived from the cultures, languages, ethnicity, religious backgrounds, and other unique characteristics that define the individuals who participate in the Alliance. It is because of the broad reaching perspectives represented within the Alliance that the Alliance is able to meet its mission to establish a global platform to raise the stature of the HVAC&R industry, related industries, and its science and application, in order to

influence decision-makers in creating a more sustainable world. As such, the Alliance is fully committed to embracing ASHRAE's core values of diversity and nurturing a culture of inclusivity in all of its endeavors.

It was moved by Elsa Yanez and seconded by Farooq Mehboob to amend motion

MOTION (TO AMEND) PASSED. (unanimous voice vote, chair not voting)

Amended Statement Reaffirming Core Values

(2A) That the ASHRAE Executive Committee reaffirm the Alliance commitment to the ASHRAE core value related to diversity and inclusivity, as described in the following statement:

As a global organization comprised of 65 HVAC&R industry national associations from around the world, the ASHRAE Associate Society Alliance (the Alliance) celebrates the diverse knowledge and experiences represented by the members of the Alliance associations. This diversity is derived from the cultures, languages, ethnicity, religious backgrounds, and other unique characteristics that define the individuals who participate in the Alliance. It is because of the broad reaching perspectives represented within the Alliance that the Alliance is able to meet its mission to establish a global platform to raise the stature of the HVAC&R industry, related industries, and its science and application, in order to influence decision-makers in creating a more sustainable world. As such, the Alliance is fully committed to embracing ASHRAE's core values of diversity and nurturing a culture of inclusivity **and respect** in all of its endeavors.

AMENDED MOTION PASSED. (unanimous voice vote, chair not voting)

VI. Introduction of the Leadership Council

An electronic mail ballot election was held and the following Zone Leadership Councilors were elected:

- a. Americas zone – Oswaldo Bueno, ABRAVA (Brazilian Association of Refrigeration, Air Conditioning, Ventilation and Heating)
- b. Africa/Middle East zone – Khurram Malik, PHVACRS (Pakistan Heating, Ventilating, Air Conditioning and Refrigeration Society)
- c. Asia/South Pacific zone – Prof. Noboru Kagawa, JSRAE (Japan Society of Refrigerating and Air Conditioning Engineers)
- d. European zone – Jaap Hogeling, TVVL (Dutch Society for Building Services) and Carlos Lisboa, EFRIARC (Portuguese Association of Engineers of Industrial Refrigeration & Air Conditioning)

AI 2 Staff to send Doodle Pool to set up July meeting date (2nd or 3rd week)

VII. Subcommittee Reports

There were no reports made at this meeting since subcommittees are normally reported on at the Winter Meeting.

VIII. Review and Discussion of new AASA Map

- a. There were recommended changes
 - i. There are four associations in Brazil and only three are shown
 - ii. Cannot read country names on map
 - iii. More clarity on geographic zones – perhaps geographic outline of zones
 - iv. Russia to move to Europe? – Question for Councilors
 - v. Add AiCARR to map (Italy)
 - vi. Map should be fixed with respect to Turkey
- b. Use and publishing of map will be referred to Farhan Mehboob (Webpage Subcommittee) for inclusion on website

AI 3 Staff to make updates and corrections to map

IX. Open Discussion – Creating a new Manual of Operations (MOP)

Draft document attached (survey results will be included in document). Leadership Council to discuss the need for a Reference Manual.

X. How do we meet the AASA Mission with the new structure?

- a. Background Statement - *“Building on AASA’s 60+ year history of cooperation we propose to further advance the mission of AASA, which will require robust debate, a forging of consensus and generating action plans to address technical issues that serve humanity. Areas of cooperation and collaboration between AASA members will be identified to produce jointly sponsored research projects, harmonized responses and synergistic education/training and other mutually beneficial initiatives. The AASA will provide a platform to foster effective and fruitful exchanges of ideas and information between members in a structured manner.*
- i. Which task groups should be formed first? -Review survey results
 - 1. New survey on topics – Lets members choose which is most important
 - 2. Climate Change and Global Warming topics are too general
 - 3. Needs more time to consider
- ii. What are the expectations of the task groups?
 - 1. What can the AASA do? – Carlos
- iii. What are the outcomes of the task groups and how should they be measured?
 - 1. Consider investment decisions to motivate people to invest in clean industries
- iv. How could the work of the task groups enhance member activities?
 - 1. Knowledge for policy discussions?
 - 2. Technical solutions?
 - 3. Others?

XI. Engaging the AASA between meetings

Linked In works well internationally, but not favored. Basecamp is common among other ASHRAE committees and will work well depending on what you want to do.

XII. Presentations by Associate Societies

ISHRAE – Richie Mittal, President

XIII. Other Business

XIV. Next Meeting

Leadership Council – TBD (mid-July)

ASHRAE 2021 Winter Conference – Chicago, Illinois, USA

Monday, 25 January, 2021

XV. Adjournment

Meeting adjourned at 12:48 pm EDT by Chair, Tim Wentz

AASA Annual Meeting Attendees

Summary

Meeting Date

June 17, 2020 8:40 AM EDT

Meeting Duration

250 minutes

Details

Name

| Name | Email Address |
|---------------------------------|-------------------------------|
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marija todrorovic
marija todrorovic
大塚雅之

Number of Attendees **Meeting ID**
63 244-412-717

| Join Time | Leave Time | Time in Session (minutes) |
|------------------|-------------------|----------------------------------|
| 12:03 PM | 12:49 PM | 46 |
| 8:49 AM | 12:49 PM | 239 |
| 9:06 AM | 11:14 AM | 128 |
| 9:53 AM | 12:08 PM | 135 |
| 12:17 PM | 12:50 PM | 32 |
| 8:59 AM | 10:24 AM | 85 |
| 8:47 AM | 12:51 PM | 243 |
| 9:03 AM | 12:01 PM | 178 |
| 8:56 AM | 12:49 PM | 232 |
| 8:59 AM | 12:50 PM | 230 |
| 8:50 AM | 12:49 PM | 238 |
| 8:52 AM | 10:54 AM | 121 |
| 8:57 AM | 9:21 AM | 24 |
| 9:21 AM | 12:45 PM | 203 |
| 8:58 AM | 9:53 AM | 54 |
| 10:58 AM | 12:49 PM | 110 |
| 9:01 AM | 12:49 PM | 228 |
| 9:45 AM | 9:54 AM | 8 |
| 8:54 AM | 12:51 PM | 236 |
| 8:56 AM | 10:30 AM | 94 |
| 9:03 AM | 11:33 AM | 149 |
| 11:39 AM | 12:49 PM | 70 |
| 8:47 AM | 12:20 PM | 212 |
| 8:55 AM | 12:51 PM | 235 |
| 9:06 AM | 9:09 AM | 3 |
| 9:29 AM | 11:44 AM | 135 |
| 10:05 AM | 12:50 PM | 165 |
| 8:46 AM | 10:05 AM | 79 |
| 9:00 AM | 9:07 AM | 6 |
| 9:18 AM | 9:55 AM | 36 |
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| 8:50 AM | 10:33 AM | 102 |
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| 11:01 AM | 12:13 PM | 72 |
| 8:55 AM | 12:09 PM | 193 |
| 8:56 AM | 12:49 PM | 232 |
| 11:22 AM | 11:54 AM | 31 |
| 10:22 AM | 12:32 PM | 129 |
| 8:43 AM | 12:49 PM | 246 |
| 8:40 AM | 8:46 AM | 5 |

| | | |
|----------|----------|-----|
| 8:59 AM | 12:49 PM | 229 |
| 8:54 AM | 9:27 AM | 33 |
| 9:29 AM | 10:06 AM | 37 |
| 10:08 AM | 10:23 AM | 15 |
| 10:45 AM | 12:21 PM | 96 |
| 10:29 AM | 10:45 AM | 16 |
| 10:27 AM | 10:28 AM | 1 |
| 8:41 AM | 9:04 AM | 23 |
| 9:06 AM | 9:11 AM | 4 |
| 9:12 AM | 9:31 AM | 19 |
| 9:33 AM | 9:38 AM | 5 |
| 8:57 AM | 12:50 PM | 233 |
| 9:00 AM | 12:49 PM | 229 |
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| 8:59 AM | 10:35 AM | 95 |
| 8:56 AM | 10:50 AM | 114 |
| 11:05 AM | 11:08 AM | 3 |
| 10:52 AM | 11:03 AM | 11 |
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| 8:53 AM | 12:49 PM | 236 |
| 8:49 AM | 12:49 PM | 239 |
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| 8:54 AM | 12:49 PM | 234 |
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| 8:52 AM | 12:50 PM | 237 |
| 8:57 AM | 12:49 PM | 231 |
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| 10:01 AM | 10:02 AM | 1 |
| 9:04 AM | 12:49 PM | 224 |
| 9:01 AM | 12:51 PM | 229 |
| 8:40 AM | 12:09 PM | 208 |
| 8:40 AM | 12:51 PM | 250 |
| 8:59 AM | 12:49 PM | 229 |
| 8:59 AM | 12:05 PM | 186 |
| 8:57 AM | 12:49 PM | 232 |
| 8:54 AM | 10:13 AM | 78 |
| 10:23 AM | 12:49 PM | 146 |
| 9:16 AM | 12:08 PM | 171 |
| 8:47 AM | 9:59 AM | 71 |
| 8:40 AM | 8:46 AM | 5 |
| 8:57 AM | 10:24 AM | 87 |
| 10:35 AM | 12:08 PM | 93 |
| 12:14 PM | 12:50 PM | 36 |
| 8:40 AM | 10:28 AM | 107 |

AASA Member Map



AASA Member Key:



AASA Americas

| | | | | | | | |
|----------------|---|---------------|---|---------------|---|---------------|--|
| AAF | Association of Air Conditioning and Refrigeration of Argentina | ASBRAV | South Brazilian Association of Refrigeration, Air Conditioning, Ventilation & Heating | DITAR | Cooling & Air Conditioning Technical Division of Chile | APVARC | Peruvian Association of Ventilation, Air Conditioning, Refrigeration & Heating |
| ABRAFAC | Brazilian Facilities Association | SBCC | Brazilian Society of Contamination Control | ACAIRE | Colombian Air Conditioning & Refrigeration Association | | |
| ABRAVA | Brazilian Association of Refrigeration, Air Conditioning, Ventilation & Heating | CCHRYC | The Chilean Chamber of Refrigeration & Climatization A.G. | ATEAAR | Technical Association of Air Conditioning & Refrigeration | | |



AASA Africa-Middle East

| | | | | | | | |
|-------------|--|----------------|--|-------------|---|---------------|---|
| BSE | Bahrain Society of Engineers | ISHRAE | Indian Society of Heating Refrigeration & Air Conditioning Engineer | OEAB | Order of Engineers & Architects Beirut | SAIRAC | South African Institute of Refrigeration & Air Conditioning |
| ESME | Egyptian Society of Mechanical Engineers | IRSHRAE | Iranian Society of Heating, Refrigeration and Air Conditioning Engineers | OEAT | Order of Engineers & Architects Tripoli | TTMD | Turkish Society of HVAC & Sanitary Engineers |



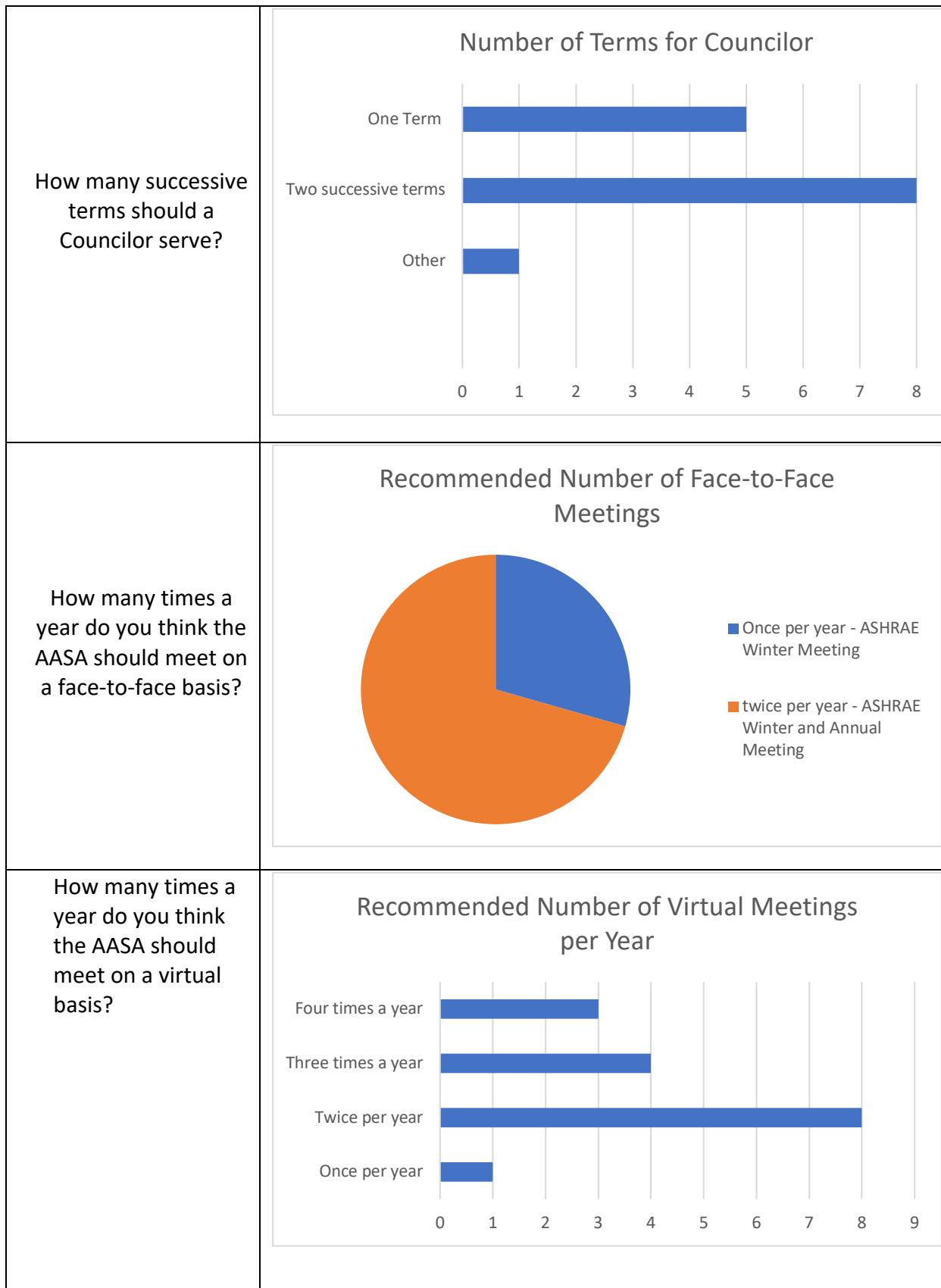
AASA Asia – South Pacific

| | | | | | | | |
|---------------|--|---------------|---|---------------|---|---------------|--|
| AIRAH | Australian Institute of Refrigeration Air Conditioning & Heating | JSRAE | Japan Society of Refrigerating & Air Conditioning Engineers | PGBI | Philippine Green Building Initiative | KIAEBS | Korean Institute of Architectural Environment & Building Systems |
| CAR | Chinese Association of Refrigeration | SHASE | Society of Heating, Air Conditioning & Sanitary Engineers of Japan | PSME | Philippine Society of Mechanical Engineers, Inc. | SAREK | Society of Air Conditioning & Refrigeration Engineers of Korea |
| CCHVAC | China Committee of HVAC | IRHACE | Institute of Refrigeration, Heating & Air Conditioning Engineers of New Zealand | PSVARE | Philippine Society of Ventilation, Air Conditioning & Refrigeration Engineers | | |

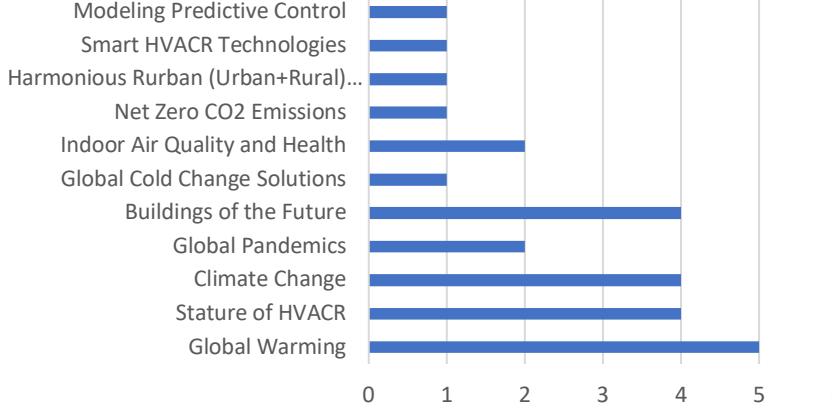


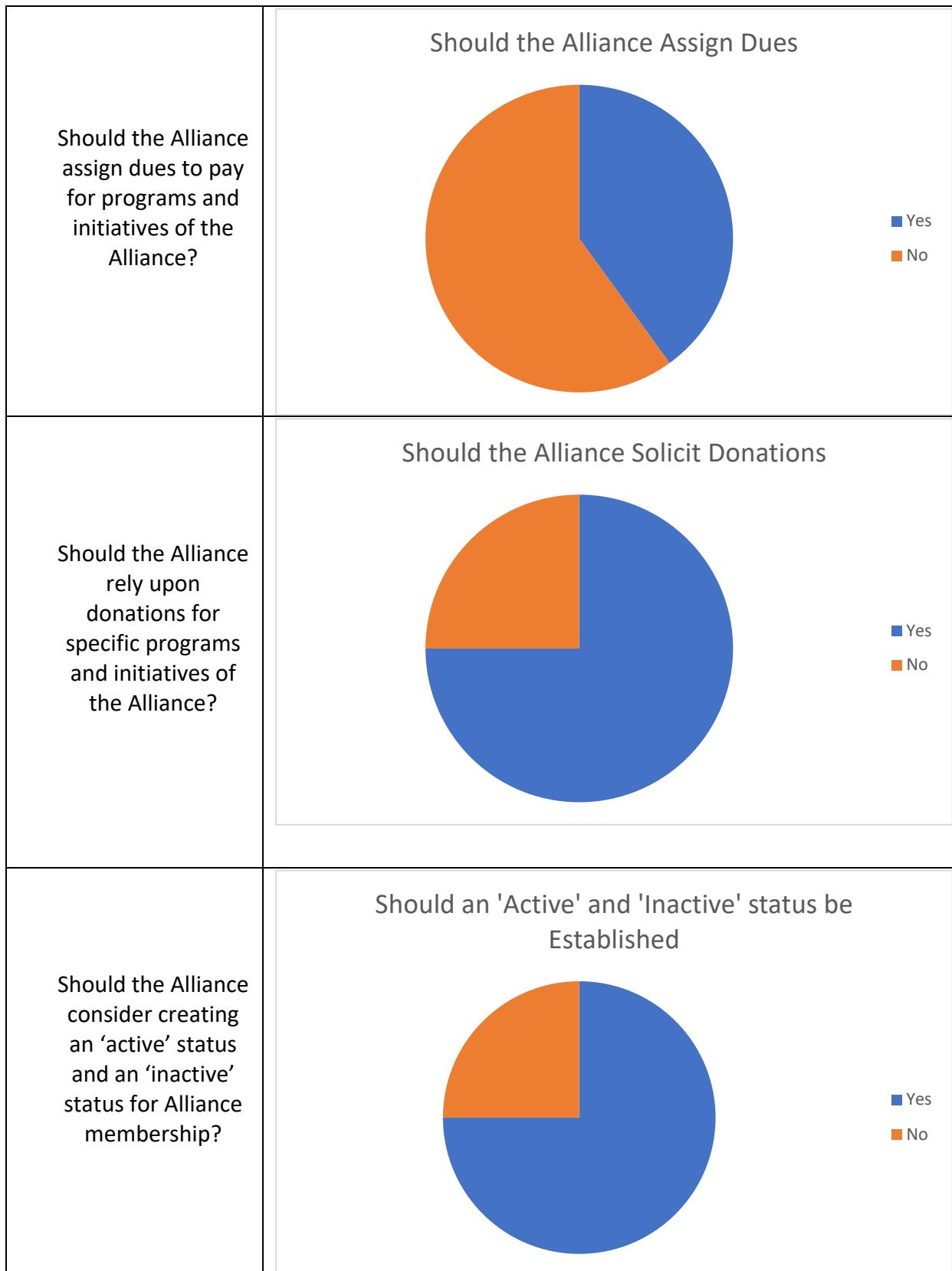
AASA European

| | | | | | | | |
|---------------|---|-----------------|---|----------------|--|----------------|--|
| OEKKV | Austrian Cold & Climatic Association | IIR | International Cold Institute | TVVL | Dutch Society for Building Services | KGH | Serbian Society of HVAC&R-KGH |
| ATIC | Royal Association of Heating, Ventilation, Air Conditioning & Related Systems | GARCAENG | Georgian Association of Refrigerating, Cryogenic & Air Conditioning Engineers NGO | NORVAC | Norwegian Society of HVAC Engineers | SSTP | Slovak Society of Environmental Technology |
| STP | Society of Environmental Engineering | DKV | German Cold & Climatic Association | PZITS | Polish Association of Sanitary Engineers & Technicians | SITHOK | Slovenia Society of Refrigeration Heating & Air Conditioning Engineers |
| DANVAK | Danish Society of Heating, Ventilation and Air Conditioning Engineers | TEE | Technical Chamber of Greece | EFRIARC | Portuguese Association of Engineers of Industrial Refrigeration & Air Conditioning | ACTECIR | Catalan Association of Tech Energy Air Conditioning & Refrigeration |
| DRA | Danish Refrigeration Association | ETE | Epitestudomanyi Egyesulet | AFCR | Romanian Association for Refrigeration & Cryogenics | ATECYR | Spanish Tech Association of Air Conditioning & Refrigeration |
| FINVAC | Finnish Association of HVAC | ICEVAC | The Icelandic Heating, Ventilating & Sanitary Association | AGFR | Romanian General Association of Refrigeration | SWEDVAC | Swedish Society of Heating & Air Conditioning Engineers |
| LIVI | Society of Building Services and Energy Engineers | AHGWT | Association of Heat, Gas & WaterTechnology | ABOK | Russian Association of Engineers HVAC, Heat Supply & Building Thermal Physics | SWKI | Swiss Society of Heating & Air Conditioning Engineers |
| AICVF | French Association of Heating and Ventilation Engineers | KNVK | Royal Dutch Association of Refrigeration | | | IOR | The Institute of Refrigeration |
| | | LITES | Lithuanian Thermotechnical Engineers Society | | | | |



AASA SURVEY RESULTS

| <p>Which of the following is the best title to use for those groups created to study global issues and report to the Leadership Council? These groups will have a defined purpose and time limit.</p> | <p style="text-align: center;">Name of Group Reporting to Leadership Council</p>  <table border="1"> <thead> <tr> <th>Name of Group</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>Global Impact Solutions Committee</td><td>1</td></tr> <tr><td>AASA Global Task Force</td><td>1</td></tr> <tr><td>Global Task Force or Global Focus Group</td><td>1</td></tr> <tr><td>Working Group</td><td>1</td></tr> <tr><td>Committee</td><td>2</td></tr> <tr><td>Focus Group</td><td>1</td></tr> <tr><td>Work Group</td><td>3</td></tr> <tr><td>Subcommittee of Leadership Council</td><td>3</td></tr> <tr><td>Task Force</td><td>6</td></tr> </tbody> </table> | Name of Group | Count | Global Impact Solutions Committee | 1 | AASA Global Task Force | 1 | Global Task Force or Global Focus Group | 1 | Working Group | 1 | Committee | 2 | Focus Group | 1 | Work Group | 3 | Subcommittee of Leadership Council | 3 | Task Force | 6 | | | | |
|---|--|--------------------------------|-------|-----------------------------------|---|------------------------------------|---|---|---|--------------------------|---|-------------------------------|---|---------------------------------------|---|--|---|------------------------------------|---|--------------------|---|------------------|---|----------------|---|
| Name of Group | Count | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Impact Solutions Committee | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| AASA Global Task Force | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Task Force or Global Focus Group | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Working Group | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Committee | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Focus Group | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Work Group | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcommittee of Leadership Council | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Task Force | 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>What global topic(s) do you think the groups should address? Note, this question is to help identify topics the Alliance may choose to address in the near future. Other topics may be suggested at any time. (check all that apply)</p> | <p style="text-align: center;">Potential Subcommittee topics</p>  <table border="1"> <thead> <tr> <th>Potential Subcommittee Topic</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>Modeling Predictive Control</td><td>1</td></tr> <tr><td>Smart HVACR Technologies</td><td>1</td></tr> <tr><td>Harmonious Rurban (Urban+Rural)...</td><td>1</td></tr> <tr><td>Net Zero CO2 Emissions</td><td>1</td></tr> <tr><td>Indoor Air Quality and Health</td><td>2</td></tr> <tr><td>Global Cold Change Solutions</td><td>1</td></tr> <tr><td>Buildings of the Future</td><td>4</td></tr> <tr><td>Global Pandemics</td><td>2</td></tr> <tr><td>Climate Change</td><td>4</td></tr> <tr><td>Stature of HVACR</td><td>4</td></tr> <tr><td>Global Warming</td><td>5</td></tr> </tbody> </table> | Potential Subcommittee Topic | Count | Modeling Predictive Control | 1 | Smart HVACR Technologies | 1 | Harmonious Rurban (Urban+Rural)... | 1 | Net Zero CO2 Emissions | 1 | Indoor Air Quality and Health | 2 | Global Cold Change Solutions | 1 | Buildings of the Future | 4 | Global Pandemics | 2 | Climate Change | 4 | Stature of HVACR | 4 | Global Warming | 5 |
| Potential Subcommittee Topic | Count | | | | | | | | | | | | | | | | | | | | | | | | |
| Modeling Predictive Control | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Smart HVACR Technologies | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Harmonious Rurban (Urban+Rural)... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Net Zero CO2 Emissions | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Indoor Air Quality and Health | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Cold Change Solutions | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Buildings of the Future | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Pandemics | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Climate Change | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Stature of HVACR | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Warming | 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>AASA currently has three permanent standing committees; Website, Government Affairs and Communications. Which of the following should be a permanent standing committee? (check all that apply)</p> | <p style="text-align: center;">Recommended Standing Committees</p>  <table border="1"> <thead> <tr> <th>Recommended Standing Committee</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>Large Global Insurance (New)</td><td>1</td></tr> <tr><td>Key Private Equity Companies (New)</td><td>1</td></tr> <tr><td>Industry Development and...</td><td>1</td></tr> <tr><td>HVACR Technologies (New)</td><td>1</td></tr> <tr><td>Building Construction (New)</td><td>1</td></tr> <tr><td>Combine Website and Communications...</td><td>1</td></tr> <tr><td>Global Impact Solution Committee (New)</td><td>1</td></tr> <tr><td>Energy Efficiency in HVACR (New)</td><td>1</td></tr> <tr><td>Government Affairs</td><td>4</td></tr> <tr><td>Website</td><td>6</td></tr> <tr><td>Communication</td><td>8</td></tr> </tbody> </table> | Recommended Standing Committee | Count | Large Global Insurance (New) | 1 | Key Private Equity Companies (New) | 1 | Industry Development and... | 1 | HVACR Technologies (New) | 1 | Building Construction (New) | 1 | Combine Website and Communications... | 1 | Global Impact Solution Committee (New) | 1 | Energy Efficiency in HVACR (New) | 1 | Government Affairs | 4 | Website | 6 | Communication | 8 |
| Recommended Standing Committee | Count | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Global Insurance (New) | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Key Private Equity Companies (New) | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Industry Development and... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| HVACR Technologies (New) | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Building Construction (New) | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Combine Website and Communications... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Impact Solution Committee (New) | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Energy Efficiency in HVACR (New) | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Government Affairs | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Website | 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| Communication | 8 | | | | | | | | | | | | | | | | | | | | | | | | |



| <u>Country</u> | <u>Society</u> | <u>Position</u> | <u>Name</u> |
|----------------|----------------|---------------------|-------------------------------------|
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| | | Representative | Prof Roberto R Aguilo, PE |
| | | Chief Staff Officer | Prof Roberto R Aguilo, PE |
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| | | Representative | Mr Anthony Gleeson |
| | | Chief Staff Officer | Mr Anthony Gleeson |
| AUSTRIA | OEKKV | President | Mr Gerhard Neuhauser |
| | | Representative | Mrs Irene Reichert |
| | | Chief Staff Officer | Mr Franz Seyfried |
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| | | Chief Staff Officer | Mr Jaffar Y Alsameikh |
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