DRAFT

M I N U T E S
CRC 2022
6th CHAPTER REGIONAL CONFERENCE
BUSINESS MEETING

Hosted by Spain Chapter
September 10th, 2022
Saturday 08:00 – 19:30 CET

TABLE OF CONTENTS

CRC 2022 BUSINESS MEETING

Tabla de contenido

1 CALL TO ORDER / OPENING REMARKS 1

2. REVIEW OF AGENDA 3

3. ADDRESS OF CRC GENERAL CHAIR 3

4. ADDRESS OF DRC 3

5. APPROVAL OF MINUTES 3

6. ACTION ITEMS 3

7. RECOGNITION TO CURRENT REGIONAL OFFICERS. WELCOME TO NEW OFFICERS 3

9. ADDRESS OF SOCIETY STAFF 4

9. ADRESS OF OTHER GUESTS 4

10. REGIONAL REPORTS 4

11. CHAPTER REPORTS 7

12. CHAPTER MOTIONS AND RESOLUTIONS 13

13. OLD REGIONAL OPERATING FUND 16

14. Q&A SOCIETY OFFICERS&STAFF 16

15. NEW BUSINESS. RECOMMENDATIONS 16

16. ANNOUNCEMENTS 16

17. FUTURE CRC 2023 17

18. ADJOURNMENT 17

1 CALL TO ORDER / OPENING REMARKS

Chair Andrés Sepúlveda called the meeting to order at 08:15. He welcomed all members, guests and staff to the Region XIV CRC 2022 Business Meeting and thanked them for their attendance, time and commitment.

. Code of Ethics and Diversity Commitments

Andrés Sepúlveda reminded the attendees of ASHRAE's Code of Ethics to be followed during all CRC 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 interest."

He shared also the ASHRAE's Diversity Statement, with the strong commitment to eliminating all forms of discrimination and social injustice through all levels of the society:
"ASHRAE is committed to providing a welcoming environment. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We proactively pursue and celebrate diverse and inclusive communities understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all people regardless of age, gender, ethnicity, physical appearance, thought styles, religion, nationality, socio-economic status, belief systems, sexual orientation or education."

Applicable ASHRAE Manuals and Guidelines

Andrés Sepúlveda asked the participants to review the latest version of key resources available for managing our operations and conducting CRC´s at the ASHRAE Webpage: the *ASHRAE Manual for Chapter Operations* (review date June 21) the *ASHRAE Manual for Region Operations* (review date January 21), the *CRC Guidelines* (review date Feb 22) and *CRC Best Practices*.

. Appointment of Recording Secretary

Andrés Sepúlveda appointed Nancy España Ces as the recording secretary and asked all the participants whether there were any objections to record the proceedings. None objected.

b. Roll Calls and Introductions

Andrés Sepúlveda asked Nancy España Ces to conduct the roll call of the Chapter Delegates & Alternates, to confirm quorum, and the Region XIV Officers Society Officers and Staff.

MEMBERS PRESENT

SOCIETY OFFICERS	Farooq Mehboob, Society President
	Ginger Scoggings, President Elect
	Jeff Littleton, Executive Vice President

Region XIV Officers

Andrés Sepúlveda, DRC
Bratislav Blagojevic, ARC, Regional Nom. Com. Alternate
Ioan Silviu Dobosi, RMCR
Eduardo Maldonado, Regional Nom. Com. Member
Mahroo Eftekhari, RVC CTTC
George Pantelidis, RVC GA
Triantafyllos Triantafyllopoulos, RVC MP
Aleksandar Andjelkovic, RVC SA
Joshua Vasudevan, RVC YEA
Liviu Drughean, Reg. Treas. and Refrigerant Chair
Serafin Graña, Regional Historian
Ana Pérez-Bustamante, Regional Res. Promotion
Nikos Giannitsanos, Regional Comm./WebMaster

Chapter Delegates/Alternates

Cyprus	Nicholas Zachopoulos, Delegate
Danube	Gratiela Maria Turlea, Delegate
Hellenic	Petros Dalavouras, Delegate
	Costas Balaras, Alternate
Ireland	Conor Murray, Delegate
	Conor Deane, Alternate
Israel	Benjamin Hershkovits, Delegate
	Avi Menashe, Alternate
Portugal	Isabel Sarmento, Delegate
	Jose Luis Alexandre, Alternate
Spain	Ignacio Gómez-Cornejo, Delegate
	Mar Serna, Alternate
UK Midlands	Saziye Azlik Dickson, Delegate
	Joshua Vasudevan, Alternate
UK London&South East	Patrick Prendergast, Delegate
	Ljubomir Jankovic, Alternate

Other guests

Dimitris Charalambopoulos
Nikoletta Develexon
Benny Hershkovitz

The quorum of voting members was reached.

Ethics Review Board Members

Eduardo Maldonado took the floor to share the names of the nominated members of the Ethis Review Board for this SY:

- Delegates: Serafin Graña (Portugal Chapter) and Bravislav Todorovic (Danube Chapter).
- Alternate: Zivojin Perisic (Danube Chapter).

2. REVIEW OF AGENDA

Andrés Sepúlveda reviewed the agenda and asked the participants to propose any change, additions or comments. No changes, additions or comments were requested.
Bratislav Blagojevic was appointed to track Action Issues and Recommendations and Ioan Silvio Dobosi as Assistant Regional Chair.

3. ADDRESS OF CRC GENERAL CHAIR

Andrés Sepúlveda reminded the attendees that Mónica del Fresno was appointed and would act as Region XIV CRC 2022 General Chair.

4. ADDRESS OF DRC

Andrés Sepúlveda said that the ingredients of the CRC Business Meeting Agenda were covered in detail during the Regional Executive Committee Planning and the Orientation Session. He also explained that reporting discussion and voting were the main drivers of the meeting.
Then, Andrés Sepúlveda proceeded to remind everyone the rules of the voting process: each Chapter had just one vote through the Delegate or in her/his absence the Alternate.
Nikos Gianitsanos and Israel Chapter were recognized for being the first ones to submit their respective reports.
Mr Sepúlveda requested the society, staff, regional and Chapter Officers to make their reports available for presentation as well as their motions ready for presentation, discussion and voting. To facilitate the voting process, motions needed to be clearly exposed at the beginning and the Delegates or Alternates should show their agreement or disagreement saying; in favor, against or abstention.

5. APPROVAL OF MINUTES

The minutes from the September 25th, 2021 CRC Business Meeting that was held virtually were circulated to all members and are also available on Basecamp. No comments were received.
Mr Sepúlveda called for a motion to approve the minutes.
The CRC meeting minutes from September 25th, 2021, were approved.

6. ACTION ITEMS

Andrés Sepúlveda commented that all action items passed with exception of the fourth action item.

7. RECOGNITION TO CURRENT REGIONAL OFFICERS. WELCOME TO NEW OFFICERS

Mr Sepúlveda thanked current regional leaders for their commitment welcomed new regional leader Joshua Vadusevan.
He asked leaders to prepare the handover to the new officers as soon as the nominations are made public and to secure a smooth transition.

9. ADDRESS OF SOCIETY STAFF

President Elect Ginger Scoggins shared the presentation *Proposed BOD Composition & Leadership Structure.* The committee goal was to investigate the leadership structure and therefore, to improve ASHRAE's operational efficiency, to provide a framework that can better support our global footprint, to facilitate better support of our grassroots, to facilitate our members personal development to promote a more diverse and inclusive BOD, to promote more use of ASHRAE's products and services, and to facilitate better collaborations with industry partners.

President Elect shared four proposed options: Keeping the Board as it is, editing the makeup of Planning and Finance Committee, modifying the Board as proposed by the Streamlining Ad-Hoc and revising the structure of the ASHRAE to include Districts.

In case of including Districts, each one shall consist of 2 to 4 Regions and will be chaired by a District Director (DD), who will sit on the ASHRAE Board of Directors. The District Leadership will consist of the District Director and Regional Chairs (currently DRC) within the District boundaries. The DRC and RMCR will be merged into a new role which will be defined as Regional Chair (RC).

9. ADRESS OF OTHER GUESTS

No special requests were made.

10. REGIONAL REPORTS

DRC Report

Mr Sepúlveda highlighted the need to booster the participation of European members to become more relevant and to have a stronger impact in Europe.

He also mentioned the importance of reviewing those members who haven´t renewed their membership in the last years and see if it is possible to get them back.

Mr Sepúlveda indicated that the Chapter representatives can invite Regional Leaders to particiapte in their meetings, identifying the areas where they need more support and plan technical sessions with the attendance of the DL´s and coordinate their visits.

It is crucial to have passion to participate and being involved in ASHRAE TC´s too. Chair Sepúlveda finished his presentation commenting the importance of looking for opportunities to generate revenues at regional level and to find sponsors.

Regional RVC-SA Report

Prof. Dr. Aleksandar Anđelković shared that the goals are the following: encouraging the study of HVAC&R, promoting careers in the HVAC&R industry, introducing ASHRAE student membership, supporting existing ASHRAE student branches and encouraging the development of new ASHRAE student branches, promoting grant and design competition programs and promoting math and science to K-12 students and describe how the study of math & science can lead to an exciting career in engineering.

More application is needed in Design Competition and Undergraduate Program Equipment Grants. More nominations are needed for the awards. By August 2022 there were 211 student members, 46 new students since August 2021.

Prof. Dr. Anđelković shared the following web resources: Student Membership & Meetings, Student Branches, Career Resources, K-12 & College Resources, Chapter Mentorship Program and Student Activities News & Awards.

Membership Promotion Regional Report

Alkis Triantafyllopoulos congratulated the Chapters for increasing their members. Recruitment and retention paid off and there are good results.
There were Chapter visits to London, Loughborough, Spain, Cyprus and Ireland. The opportunities identified are assisting members at large to join their local chapters (mostly in UK), increasing the ASHRAE awareness in Europe and serving the members locally in Europe with more chapters. The main challenge is to create chapters to countries where Members are there and they are not being served from ASHRAE.
He asked for the involvement of incoming leaders.

Regional Report – RP

In terms of achievements, Daniel Coackley highlighted the Workshop held on the 24th August, with 17 attendees, that covered RP guidance, training and resources, and the Regional RP Awards 2021-2022. He asked the attendees to check if their RP Chairs for 2022-2023 were uploaded on their Chapter CIQ.
The objectives are establishing a RP Strategy Guidance for Region XIV and launching a European Outreach Campaign. Among the main challenges, sponsorship and funding continues to be difficult and as opportunities he highlighted the relevance of ASHRAE Technical Resource and the increased attendance and engagement at Chapter meetings.
Regarding advice for incoming leaders, he pointed out that it is important to communicate goals as early as possible, to share regular updates (every 2-3 months) and to raise awareness for potential fundraisers.

CTTC Report

Prof. Mahroo Eftekhari indicated that from July 2022 ALL DL can be arranged to take place in person. There are new DL topics available. PAOE are mostly good for CTTC activities in most chapters. 18 people participated in CTTC Training Workshop.
The opportunities identified are DL Chapter Visits preferably Multi-Chapter Visits, paying attention to the Tech Hour Program and Webinars for your Chapter Meetings, Technology Awards Competition and Refrigeration Awards. The biggest achievement and challenge in 2021-2022 was the Regional Technology Awards Competition.
Prof. Eftekhari shared the following advice for incoming leaders: to encourage participation in e-Learning courses, to plan HVAC Training Courses in Europe, to continue promoting the Regional Technology Awards Competition and Refrigeration Awards.

Regional Government Affairs Report

George Pantelidis shared that the workshop held vitual the 25th July 2022 presented GA chairs' responsibilities, the corresponding PAOE and ways to make meetings with governmental bodies efficient.

The main challenges are increasing the Region's role, chapter chairs involvement and chapter interaction through GA RVC.

Regional RVC-YEA Report

Joshua Vasudevan shared that the main achievements are LeaDRS participant for the Winter Conference 2022, YEA Leadership Digital 2021 Participants and ASHRAE Ireland Chapter's successful ASHRAE CIBSE Mentorship Program. The activities carried out were YEA Leadership International (Oct 27-30th 2022), YEA Leadership Weekend 2.0, Awards – (Developing Leader, Individual Excellence, Inspirational Leader) and HVAC Design Scholarship. As of June 2022, 17.68% of ASHRAE members are YEA which is 2.15%. There is a total of 94 YEA members in Region XIV. YEA CRC Workshop was attended by 13 participants.

Historian Report

Serafin Graña commented that, although a call was made at CRC 2020 for Chapters to create a Historian Office or a Historian Committee, very little had happened: only Danube and Portugal responded to this appeal.

He shared a brief memory of Region XIV since its creation in 2017 and asked for the help and contributions of all participants to create a history of each Chapter in a narrative format and in chronological order.

Mr Graña also reviewed ASHRAE's bookstore: *An Illustrated History of ASHRAE* and *Adventures in Heat & Cold*.

Treasurer Report

Liviu Drughean informed that as of 30th June 2022 the ending balance is $35,316.

The auditing committee was formed by the DRC in order to provide an independent proof-checking into the treasurer's transactions. It comprises of the following members: Isabel Sarmento (Portugal Chapter), Mahroo Eftekhari (UK Midlands Chapter) and Donal Finn (Irish Chapter).

The following was also informed in detail: Andrés Sepúlveda (Region XIV DRC) was also informed in detail.

The auditing committee and the DRC were informed and they approved on the 17th os August, 2022 the economic balance.

Regional CC Report

Nikolaos Giannitsanos informed about the status of social media channels. There are 293 followers and 250 friends on Facebook, 136 followers on Twitter and 262 connections and 206 followers on LinkedIn. All social media channels have an increased rate. Regarding the website, Nikolaos stated that ASHRAE Region XIV is a world interest website. There is an increase of visitors flow from Asia. It appears that it has dedicated users that visit the website in order to learn about the upcoming events near them. Visitors are floating from all 3 social media that are connected on the website. It complies with GDPR.

Goals for 2022-2023 include LinkedIn page followers to be equal to LinkedIn friends, a grow audience in Instagram, connection with all Chapters, Sections and Student Brunches of Europe and worldwide, more Chapters to communicate their Conferences and Events through the ashrae.eu website, the newsletter launch, continually improve Security and an increase of visitors flow to the website.
To achieve these goals Mr Gianitsannos invited all participants to Invite LinkedIn friends to like and follow the page, upload all the seminars and events that Chapters or sections are organizing to the Region XIV website, advertise the page by ASHRAE Region XIV members in their own Facebook and LinkedIn profiles, invite people relevant to the building and HVAC industry and invite Technical Universities, Chapters, Sections and Student Brunches of Europe and worldwide.

Regional Resource Promotion Report
Ana Pérez Bustamante presented recently published items available at ashrae.org/bookstore and forthcoming ASHRAE publications. She also presented the E-Learning tools, convenient and on-demand courses for individuals or groups, ASHRAE Certification to validate job competency and ASHRAE Learning Institute Training for the chapters.
She finished her presentation, sharing the HVAC Design and Operations Training, a key resource to gain knowledge and understanding to improve building performance.

11. CHAPTER REPORTS

Cyprus Chapter
Nicholas Zachopoulos presented the Cyprus report.
The main achievements for the chapter were the Technical Presentation carried out at TEPAK University in Limassol, an Online Technical Presentation on Energy Audit Process by Distinguished Lecturer Fabio Clavijo and an Online Technical Presentation on Exhaust Duct Design by Distinguished Lecturer Pat Brooks.
The main opportunities going forward are returning to in person technical events, holding social events for members and good result in attracting new sponsors. Increasing volunteers from the existing members and increasing member numbers, especially young engineers and students, were the faced challenges. Ideas to increase ASHRAE relevance in the area are developing technical events with DL participation and making Universities aware of research opportunities with ASHRAE. Ideas to grow membership in the area are recruiting student members, holding technical seminars and having social events.
To approach industry market leaders it would be convenient to invite them to attend and sponsor Technical Events. DEI needs to be improved from the YEA and student base growth. Currently all members are male.
Participation and volunteering in events will bring forward new leaders.

Danube Chapter
Gratiela Maria Turlea took the floor to present Danube report.
Membership promotion contacting affiliate and associate members for grade advancements and personally, informing members about chapter meetings and encouraging them to participate more actively. Research promotion: To achieve

the goal like we have done before, this challenge depending a lot of the next period, if will be a non-pandemic one or not
COVID 19 Pandemic mainly influenced all activities of GAC. The significant efforts and engineering knowledge were engaged to prevent virus infection and to provide healthy work environment. Every country had its own strategy and policy against COVID 19. There are 8 student branches: Belgrade, Serbia / Bucharest, Romania/Nis, Serbia/Novi Sad, Serbia / Zagreb, Croatia/ Budapest, Hungary (no members)/ Ss. Cyril and Methodius University-Skopje, North Macedonia (no members)/ Split, Croatia (no members). The main challenges are to encourage new students to join ASHRAE during the COVID circumstances and online lectures, to encourage students to stay active over several years and to join YEA after graduation. YEA are 2% of actual chapter membership.
Danube Chapter is registered through the Romanian Associations (AFCR, AIIR and AGFR) and Serbian (KGH – Serbian Society of HVAC engineers) national HVAC Societies (those organizations are established as non-profit national professional organizations). The main financial resources are industry and company sponsors and voluntary Chapter membership fees. The Chapter's financial condition good over the past few years, mainly because of contribution of national Societies and voluntary work of ASHRAE members
There are excellent relations with Romanian and Serbian HVAC national societies
Plans for 2022-2023: chapter meetings will be held during 53rd KGH Congress in December and one in Timisoara in April 2023, hopefully in person, usual activities at the Chapter level but hybrid/online (people who are able can attend in person, online option), attending Winter and Annual meetings and DL, Students Competitions, Scientific Meetings, Technical Workshops, etc.

Hellenic Chapter
Petros Dalavouras presented the Hellenic report.
The main achievements 2022-2023 were to maintain the high quality of our seminars, the participation of the chapter even in the webinars and their members. Chapter members participate in shaping codes and regulations in Greece. Moreover, ASHRAE Society HVAC Trainers Alkis Triantafyllopoulos and George Pantelidis held 2 Official ASHRAE Training courses – HVAC Training 1 & 2 and NTUA Student Branch was awarded the 2nd place for their participation in "Integrated Sustainable Building Design" competition at the winter conference in Las Vegas
Main opportunities going forward: decarbonisation, circular economy, reaching out to other engineering fields besides Mechanical engineers, cooperation with public sector, new targets and goals at a state level and climate change resilience. Faced challenges were to maintain the leading role and to continue offering technology transfer to Greek engineers despite the COVID outbreak, to provide sponsors the required market exposure, to increase the amount of money collected for Research and Promotion, to motivate and support students and young engineers, to attract more people to identify the value of certification and to offer support by organizing specific training sessions and to organize educational visits. Plans for 2022 2023 include making Chapter activities Hybrid (in person/online), expanding ASHRAE Membership, all events and seminars offered to remain free of charge to participants, offering knowledge and opportunities to students, young engineers and the professionals looking to

expand their horizons, planning to organize ASHRAE trainings in Athens, increasing chapter's participation in shaping codes and regulations in Greece and the amount of money collected for Research and Promotion. Partnership with local authorities and local universities, as well as participation in European Programs are the ideas shared to increase ASHRAE relevance in the area. Some ideas to grow membership is to demonstrate Membership value on social media, to reach out to lapsed members, to offer exclusive events to members and to ask feedback from current members.

Ireland Chapter

Connor Murray shared the mission of the Chapter "To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields" and highlighted the need for hybrid events as well as the focus of the Chapter on Mentorship (YEA).
Mentorship programme has been the star of the year with Mick Swedker's vist and Toronto trip. Good membership growth as a result of Mentorship programme and focus on Online COVID events with DLs - attracting new interest and members. There has been a strong student growth with 4 branches (vs3 in 2021) and YEA membership – the future of ASHRAE.

The main challenges and plan for 2023 include an slow return to live events, putting resources into website and promotion and falicitating participants with online access with a live stream or recording of events where appropriate. Other initiatives of the Chapter are attending Winter and Summer ASHRAE US conferences, organizing CRC 2023 in Ireland and the possibility of carrying on YLI in Ireland 2023 or 2024.
There's been a consistent growth in average attendance over the past three years, regarding the promotion of ASHRAE Technical Resources.
The Ireland Chpater has continued to liaise with partner organisations (IEI and CIBSE) to outreach national committee on ventilation standard for IAQ (COVID). The Chapter has shaed events with non ASHRAE membership also. The Chapter currently has three student branches UCD, NUIG and MTU (formerly CIT) and Cork. The main challenges are expanding membership and sustaining it, the transition of student to YEA and developing mass and capability to compete in design competitions. The main challenges regarding YEA are converting students to YEA through mentorship program, adding value to YEA members by providing experienced ASHRAE members as mentors and the link in with Student Activities and provide YEA with online manuals.The Chapter has an strong web and social media presence, with significant increase in followers since COVID, due to virtual presence (e.g. recorded webinars)

Registered as a Limited Company - last annual accounts were filed 30 June 2021. The Chapter encountered some bank issues when treasurer left - difficulty in transferring authorisation of physical branch account. The main source of revenue is Industry sponsors (25 sponsors in 2021).

Israel Chapter

Benjamin Hershcovich took the floor to present the Israel Chapter report.

Face to face and virtual platforms, enabled to continued the Chapter's activity at full scale.There were 88 members at the end of the third quarter, 5 new members. The growth goal was achieved. Regarding Chapter Technology Transfer, there have been 9 web events with more than 100 participants, including lectures on building IAQ, F gas refrigerants new European and Israeli regulations, VRF system, Hyperscale Data Centers, Fire safety. Two events were open for region (lectures were in English). The Chapter has developed a Young engineers' course (81hours) , twice a year, with 32 participant per course.The Israel Chapter collaborate and participates with the ministry of Economics and industry, Energy and Environment and the Finance Committees. Moreover, Energy and Economy Ministers will attend Eilat conference and deliver Awards of Merit to two Society members for their lifetime achievement. Eight students from Ariel university joined the SEEEI and will participate at Eilat conference, with all expenses and hotel accommodation covered by the society. Regarding YEA, Young Engineers under 30 years old, receive free membership. YEA get a 25% discount on the society's HVAC training courses.
Plans for 2022-2023 are Eilat electricity 2022 (open for all ASHRAE members), to continue the young engineer's course twice a year and a 2-3 year region open meeting, to develop and increase the chapter involvement in GA and Israeli Energy codes, Decarbonization, net zero energy new buildings and the updated new regulations, and prepare the chapter to 2024 Jerusalem CRC event.

Portugal Chapter
Isabel Sarmento presented the report of the Portugal Chapter.
There has been a fresh start to normality also with face-to-face events.
The main opportunities going forward are to retake the Annual Seminar Climatization Day, to collaborate with AVAC-R national and international associations (EFRIAC, FAIAR, CIBSE, INWIC, NBI) and with with official entities to improve national legislation and proposing measures concerning an effective energy transition and carbon neutrality, as well as to attract Students and YE to the Chapter.
Retake at least 4 ASHRAE events/year, the promotion of ASHRAE in Portuguese engineering schools and create an information network among the YEA are the main plans for 2022-2023.
Ideas to increase ASHRAE relevance in the area are the close relationship with the Portuguese Engineers Association (Ordem dos Engenheiros) and with another professional associations (such as EFRIARC and FAIAR) and the joint organization of the various events.
Ideas to increase ASHRAE Membership in the area are the romotion of ASHRAE at every event organized by the Chapter and other events and into the Portuguese engineering schools in order to increase new students branch. There is also the initiative to develop a program of activities that sensitize students to the HVAC&R sector and develop professional qualifications in them.
Ideas to increase membership participation are to improve YEA networking, organizing out-of-the-box activities (sporting events and team-building activities) and no inscription fee for student and Symbolic inscription fee for YE participation in Chapter events.

The Chapter has promoted technical seminars dedicated to innovative solutions and equipment inviting companies in the HVAC&R sector to make their presentation, with the aim to approach industry market leaders in the area.
Isabel Sarmento highlighted the importance of disseminating through the different communication channels of the Chapter ASHRAE's commitment to ensure Diversity, Equity and Inclusion, to improve DEI in the Chapter.
The Chapter has renewed BOG and commited the new elements to the aim of ASHRAE.

Spain Chapter
Ignacio Gómez-Cornejo presented the report of the Spain Chapter.
The main 2020-2022 of the Chapter were 2 technical conferences (in person), 1 workshop (in person) with UVa SA, 1 virtual relevent project conference, 1 Society Theme Conference, 1 Trade Show and 1 virtual collaboration with AFEC Association.
The faced challenges are YEA Members & Sponsors more involved in CTTC Committees, hybrid events to keep the good attendance ratio of virtual conferences, collaboration with key industry players, translating ASHRAE Technical Resources, the Universidad de Valladolid-Student Branch, 20 new YEA members, reaching more than 3.000 followers on LinkedIn and the increase of the number of sponsors with 4 new incorporations (Carrier, Stulz, Grundfos and ACIX). Plans for 2022-2023 include new workshops across main metros in Spain, beyond Madrid, new Students Branches in some important universities, the increase of the number of members, GA, special consideration to sponsors, taking care of their patronage as ever and the boost the relationship with some important institutions and organizations with whom the Chapter already keeps a collaboration agreement.
Ideas to increase ASHRAE relevance in the area are warm welcoming to new members and member retention actions to keep tracks of membership cancellations, “Connect a Colleague” &“Benefits of Being an ASHRAE Member” as regular campaigns in the monthly newsletter and Social Media and
encouraging the incorporation of new members through sponsors and member recruitment after Technical Conferences. Some ideas to grow membership in the area are to boost it through workshops, to encourage it through SB workshops and to carry out interviews with old members, speaking about their experience belonging ASHRAE. Ideas to increase membership participation are encouraging members to participate on some of the committees, focusing on each field of HVAC through LinkedIn posts or Newsletter, making a recall about the openness of ASHRAE in regards to the participation and welcoming of any one of its members or making surveys about new ideas to present about different topics: smart grid and HVAC, energy storage, H2 and HVAC, etc.
Some initiatives shared to approach market leaders in the area are inviting them to workshops related with their industry sector, fostering some kind of courses or seminars related with specific topics, searching fields where ASHRAE was an important pioneer in industry and inviting the community to debate some standards (let’s say related with IAQ or Building Energy or Commissioning).
Ideas to improve the Chapter are fostering participation of those collectives included in DEI, to workshops, seminars and roundtables, interviews and/or podcasts with some belonging to some DEI collective in order to express their thinking and opinions, some particular post on DEI to be published through

newsletters, some column or article, or even spreading some article or post from the ASHRAE Journal to be launched on social media and the normalization on this topic by the way of facts: e.g. adding new members in committees, BoG, etc

UK London and South East Chapter

Patrick Prendergast presented the London and South East Chapter.
Pathways to Resilient Zero Carbon Cities (RZCC-2021) is the main activity of the Chapter. There have been discussions for the formation for a single UK ASHRAE Chapter – UK Midlands, UK London and South East. Some reasons for the joint venture are a much more streamlined mode of Chapter Operations, more efficient use of resources and Chapter Officers valuable time, a single source of leadership to better serve ASHRAE members within the UK and combining energies to serve members.
There is a new Board of Governor Members and improvements to IT & Comms Infrastructure. New BoG members introduced by Regional Membership Chair to support the Chapter, (Membership Promotion, Student Activities, Government Affairs) – *this additional support has also led to some challenges.*There is a focus on addressing Governance issues including creation of an issues register and improvement plan – Chapter planning to hold AGM and Chapter Elections.
There is also the need to recruit New Board of Governor members to serve in the following areas: Communications, Chapter Events planning, Business Development, Governance, Industry Liaison CIBSE, (via re-structured CIBSE-ASHRAE Group, BSRIA, IMechE, IET).

UK Midlands Chapter

Saziye Azlik Dickson presented UK Midlands report.
Some of the 2020-2022 achievements were winning the ASHRAE BEQ 2022 Competition, creating the Sheffield Student Branch, 3 YEA members participated in YEA Leadership International, a PhD student Competition, HVAC event with ASHRAE presidential visit with over 100 attendees and an increase in PAOE points by 17.6%.
The main opportunities going forward are to create more student branches in the chapter, to increase the participation of students and YEA members in the chapter activity, to promote Smart Start among the graduating students, through YLI and attending conferences increase the presence of chapter at a global level and engaging with the all the stakeholders to take ASHRAE to the theme decarbonization.
The main faced challenges are the competition with UK CPD providers to educate the industry on benefits of joining ASHRAE, attracting M&E designers and contractors / OEMs to attend events, fund raising for RP and graduates leaving and not staying with ASHRAE (Conversion to SmartStart).
Plans for 2022-2023 are carrying out ASHRAE Chapter Scholarship of £1k for Student branches, participating in ASHRAE ISBD / BEQ / HVAC Calculations competition, secured £3k for students to participate in a competition and use ASHRAE standards, student Christmas night out / Hiking/Camping - Social event, ASHRAE Winter Conference 2023, at least 1 YEA member to YEA International Leadership 2022 (Malaysia), GA committee to work with local council, engaging with the Ireland Chapter to learn more about mentorship scheme and joint events with other engineering bodies like CIBSE.

Some ideas to grow Membership are encouraging SmartStart program among students in the student branches, sponsoring new student branches, active engagement with industry and listening to the members to evaluate their needs and customize the local chapter offering. Ideas to increase Membership participation are sponsor members to attend YLI and conferences, to promote Technical committees among the members and to promote ASHRAE awards to the members. To improve DEI there is an appointed Diversity, Equity and Inclusion chair for the chapter and the initiative to organize 2 DEI events one in universities and one in companies.

12. CHAPTER MOTIONS AND RESOLUTIONS

Andrés Sepúlveda reminded that chapter motions will be presented by the Delegate and will be discussed and voted on, following Robert's Rules of Order. Voting member count (9) and quorum (50%). Each chapter has a vote; only the delegates vote. The alternate will only vote if the delegate is not in attendance. Voting needs to pass/fail motions: All matters shall be decided by a majority of those voting, with fiscal matters requiring a two thirds majority. The motions will be displaying on the screen and the members have access on Basecamp.
Motion title needs to be read by the chapter submitting it. It needs to move the motion but another chapter needs to second it to enter into discussion. Otherwise, the motion will not be considered.
During the discussion period, when anyone of the delegates/alternates speaks about a motion he/she has to stick to his/her name, chapter and whether he/she speaks in favor or against the motion.
Silviu Dobosi stated that there were 26 Chapter motions to go over.
Andrés Sepúlveda called for a motion to approve the auditing committee and regional Budget. The 2021 audit committee report and regional Budget was approved as presented.

MOTION #1 Society to increase the DL allocations to Region XIV from 8 to 12 in 2023-24.
Cyprus Delegate moved and Portugal seconded.
PASSED (9-0-0)

MOTION #2 Regional Officers to communicate regularly with and visit Chapters if needed, especially newly formed and those low in membership.

Spain Delegate moved and UK Midlands seconded.
PASSED (9-0-0)

MOTION #3 ASHRAE Region XIV will maintain its position in the organizational structure (autonomous entity in the ASHRAE structure) within the future ASHRAE reorganization of the Regions.

Danube Delegate moved and Hellenic seconded.
TABLED

MOTION #4 Each member could not be nominated more than 2 positions like a first choice for Regional Candidates List of CAUCUS meeting.

Danube Delegate moved and UK Midlands seconded.
FAILED (2-4-3)

MOTION #5 Each member to be able to choose the options on how ASHRAE, the Region and the Chapter can make contact.

Hellenic Delegate moved and Midlands seconded.
PASSED (6-0-3)

MOTION #6 ASHRAE need to limit a member's data available for download by chapter and regional officers, to those necessary.

Hellenic Delegate moved and UK Midlands seconded
PASSED (7-1-1)

MOTION #7 According to existing European laws (GDPR), a Member must be notified of the current controller and processor of his personal data.

Hellenic Delegate moved and Midlands seconded.
PASSED (7-0-2)

MOTION #8 A documented consent (with timestamp) must be in place on each member profile that will state if the member wants to share or not the personal data that are provided to ASHRAE.
By adding this option, the amount of data, that the Regional and Chapter Officers can download, can be reduced and the fiscal impact from the unlikely event of data loss to ASHRAE will be also reduced.

Hellenic Delegate moved and Spain seconded.
PASSED (7-0-2)

MOTION #9 According to existing European laws (GDPR), ASHRAE hosting for Region XIV websites must be within the European Union, and ASHRAE must implement this directive.

Hellenic Delegate moved and Cyprus seconded.
PASSED (7-0-2)

MOTION #10 ASHRAE must examine the ways of storing all data of the E.U. citizens within the European
Union borders.

Hellenic Delegate moved and UK Midlands seconded.
PASSED (7-0-2)

MOTION #11 ASHRAE must take into account that Region XIV – EU Regional members and chapters cannot be added to a larger district as this contradicts EU laws.

Hellenic Delegate moved and Cyprus seconded.

PASSED (4-1-4)

MOTION #12 ASHRAE, in order to avoid future legal problems, must fully comply with GDPR rules as soon as possible.

Hellenic Delegate moved and Midlands seconded.

PASSED (5-0-3)

MOTION #13 ASHRAE, to consider bringing back the printed Handbook as a free benefit to membership.

Hellenic Delegate moved and Spain seconded.

FAILED (2-5-2)

MOTION #14 ASHRAE, in collaboration and with the assistance of Region XIV, to re-establish the Brussels office, manned wiith ASHRAE staff.

Hellenic Delegate moved and UK London seconded.

PASSED (4-1-4)

MOTION #15 As the Director and Region Chair (DRC) for our Region is the direct representative of the Region's members to ASHRAE's Board of Directors, the Hellenic Chapter moves that the DRC recognizes and acknowledges the consensus of the Chapters in the Region regarding any position concerning restructuring of ASHRAE's Regions or Board of Directors, and will voice in accordance with this consensus at any proposed actions that may come before the Board of Directors

Hellenic Delegate moved and UK Midlands seconded.

(7-0-2)

MOTION #16 The Irish ASHRAE chapter proposes to host the CRC in 2023 in Ireland.

Ireland Delegate moved and Spain seconded.

PASSED (9-0-0)

MOTION #17 That the society recognizes and approves the Israeli chapter's biannual HVAC training for young engineers and project managers and schedules a CHD exam at the end of the course to benefit participants in having an international accreditation finishing their training.

WITHDRAWN

MOTION #18 The maximum number of years that a person can be Chapter Delegate and Chapter Alternate to be increased to 6 years from the current 2.

Portugal Delegate moved and UK Midlands seconded.

PASSED (7-0-2)

MOTION #19 That ASHRAE stops sending monthly ASHRAE Journal paper versions for each one of its members all around the world.

Portugal Delegate moved and Hellenic seconded.

PASSED (8-0-1)

MOTION #20 Maintain Region XIV as an independent region with its own permanent representative at the ASHRAE BOD, not adopting the proposed ASHRAE new district organization that would join together Region XIII, Region XIV and RAL and result into one single representative at the ASHRAE BOD for all 3 Regions together.

Portugal Delegate moved and UK Midlands seconded.
TABLED

MOTION #21 The CRC 2025 to take place in Lisbon in September.

Portugal Delegate moved and Cyprus seconded.

PASSED (9-0-0)

MOTION #22 The Spain Chapter moves that through some selected translations of some articles and

columns taken from the Ashrae Journal or even papers and some other technical sources, it could be opened the opportunity to publish them through common ways (let's say proper newsletter of each Chapter) within that chapter that want to make it in his language, with the interesting and additional purpose of let to manufacturers and other technical vendors attached somehow to ASHRAE (because of they already are sponsors or have some kind of engagement with ASHRAE region XIV) to include their commercials within the article or paper translated, getting so an interesting revenue that could add to own economical sources of the Chapter. Further, this could mean an additional motivation for sponsors that are attached to ASHRAE.

Spain Delegate moved and Cyprus seconded.

PASSED (8-0-1)

MOTION #23 The Spain Chapter moves that any Chapter could agree with another Chapter from another Region (let's say in America, DAL, or watever) to create a fraternity link between both chapters for a term (could be from 6 months to one year) in order to exchange background, experience and good practices from BOG or committees.

By this way, creating a schedule of meetings, a plan of actions and naming a responsible from each chapter, this could bring some positive learnings. This could be arranged as per committees or particular actions.

WITHDRAWN

MOTION #24 To restrict access to Chapter CIQs to read only for Regional Officers and make changes traceable.

London Delegate moved and UK Midlands seconded.
PASSED (7-1-1)

MOTION #25 ASHRAE to provide Continuing Professional Development (CPD) certified technical events.
UK Midlands Delegate moved and Hellenic seconded.
FAILED (9-0-0)

MOTION #26 That Region XIV to sponsor 2 YEA Chapter Chairs (YCCs) or co-chairs for the YEA Leadership International (YLI) every year.

UK Midlands Delegate moved and Ireland seconded.
FAILED (1-5-3)

MOTION #27 ASHRAE to provide 10 Distinguished Lecturers (DL) for Region XIV.
WITHDRAWN

MOTION #28 We move that the Region XIV DRC be advised to represent the will of the Region at the streamlining discussions and eventual vote at the next BOD in accordance with the positions expressed by the Region Chapters at CRC 2022.

Hellenic seconded the motion (Motion 15).
PASSED (7-0-2)

13. OLD REGIONAL OPERATING FUND

Liviu Drughean informed that as of 30th June 2022 the ending balance is $35,316.

The auditing committee was formed by the DRC in order to provide an independent proof-checking into the treasurer's transactions. It comprises of the following members: Isabel Sarmento (Portugal Chapter), Mahroo Eftekhari (UK Midlands Chapter) and Donal Finn (Irish Chapter).

Ioan Silviu Dobosi took the floor to discuss the possibility to have a bank account without a legal entity.
Marooh Eftekhari appointed that funds should come from the Chapter, not from the Region. Mr Meehboob highlighted the importance of raising money with the help of sponsorships.

14. Q&A SOCIETY OFFICERS&STAFF

Andrés Sepúlveda invited all participants or guests to ask any questions to the senior Society Officers. Sepúlveda also expressed his gratitude to Society President Farooq Mehboob, President Elect Ginger Scoggings, Executive Vice President Jeff Littleton for attending the 6th European CRC and for their guidance throughout the CRC.

15. NEW BUSINESS. RECOMMENDATIONS

There is a need of volunteers member to support Liviu Drughean in the Refrigeration Committee.
There are two Working Groups: Industry&University WG, (Chair Takis Stapas) and Regional Revenues Generation WG (Chair Alkis Stapas).
Chapter and Regional Leaders must work on PAOE SY 2022-2023 Budget, organizaton streamlining feedback and revisiting Securing Future Presidential iniciatives.
Mr Sepúlveda appointed identifying publications of interest for the region/chapter that could have a more international approach, engaging governmental officials to interact with ASHRAE standards, getting involved in TCs providing feedback from the region/chapter and using ASHRAE's pool of experts to promote ASHRAE standars, as the main challenges and opportunities.

16. ANNOUNCEMENTS

Andrés Sepúlveda announced the following:

- 2022 ASHRAE Building Performance Analysis Conference
  Sep 14 – 16, 2022 | Chicago, IL
- International Building Decarbonization 2022 Conference
  Oct 6-7, 2022| Athens, Greece
- ASHRAE Global Summit
  Oct 10–11, 2022 | Istambul, Turkey
- The Fifth International Conference on Efficient Building Design
  Oct 20–21, 2022 | Beirut, Lebanon
- 2023 ASHRAE Winter Conference & AHR Expo
  February 4-8, 2023 | Atlanta, GA

17. FUTURE CRC 2023

Andrés Sepúlveda announced that the 2023 Region XIV CRC will take place in Galway, in August 2023.

18. ADJOURNMENT

Andrés Sepúlveda congratulated everyone for their great work and active participation during the CRC and reminded the attendees that their challenge is to support and grow the european community.
Andrés Sepúlveda adjourned the meeting at 19:50 CET.

Respectfully submitted,
Nancy España, Recording Secretary
ATTACHMENTS
All the attachments follow in this pdf.

Attachment 1

MEMBERS PRESENT

Society Officers & Staff		
First Name	Last Name	Position
Farooq	Mehboob	Society President
Ginger	Scoggings	President Elect
Jeff	Littleton	Executive Vice President

Region XIV Officers			
First Name	Last Name	Chapter	Position
Andrés	Sepúlveda	Spain	DRC
Bratislav	Blagojevic		ARC
Ioan Silviu	Dobosi	Danube	RMCR
Eduardo	Maldonado	Portugal	Reg. Nom. C.
Mahroo	Eftekhari	UK Midlands	RVC CTTC
George	Pantelidis	Hellenic	RVC GA
Triantafyllos	Triantafyllopoulos	Hellenic	RVC MP
Aleksandar	Andjelkovic	Danube	RVC SA

Joshua	Vasudevan		RVC YEA
Liviu	Drughean	Portugal	Treas. Ref. Ch.
Serafin	Graña	Portugal	Regional Historian
Ana	Pérez-Bustamante	Spain	Res. Prom.
Nikos	Giannitsanos	Hellenic	Reg. Com/Web

Chapter Delegates / Alternates			
First Name	Last Name	Chapter	Position
Nicholas	Zachopoulos	Cyprus	Delegate
Gratiela	Turlea	Danube	Delegate
Liviu	Drughean	Danube	Alternate
Petros	Dalavouras	Hellenic	Delegate
Costas	Balaras	Hellenic	Alternate
Conor	Murray	Ireland	Delegate
Conor	Deane	Ireland	Alternate
Benjamin	Hershkovits	Israel	Delegate
Avi	Menashe	Israel	Alternate
Isabel	Sarmento	Portugal	Delegate
Jose Luis	Alexandre	Portugal	Alternate
Ignacio	Gómez-Cornejo	Spain	Delegate
Mar	Serna	Spain	Alternate
Saziye	Dickson	UK Midlands	Delegate
Joshua	Vasudevan	UK Midlands	Alternate

Patrick	Prendergast	UK London&South East	Delegate
Ljubomir	Jankovic	UK London&South East	Alternate

Quorum was reached.

Other Guests	
First Name	Last Name
Dimitris	Charalambopoulos
Nikoletta	Develexon
Dimitrios	Tsilipiras
Ahmetit	Gokson
O. Murat	Eranoglu
Carlos	Farto

Attachment 2

CRC 2022
Business Meeting

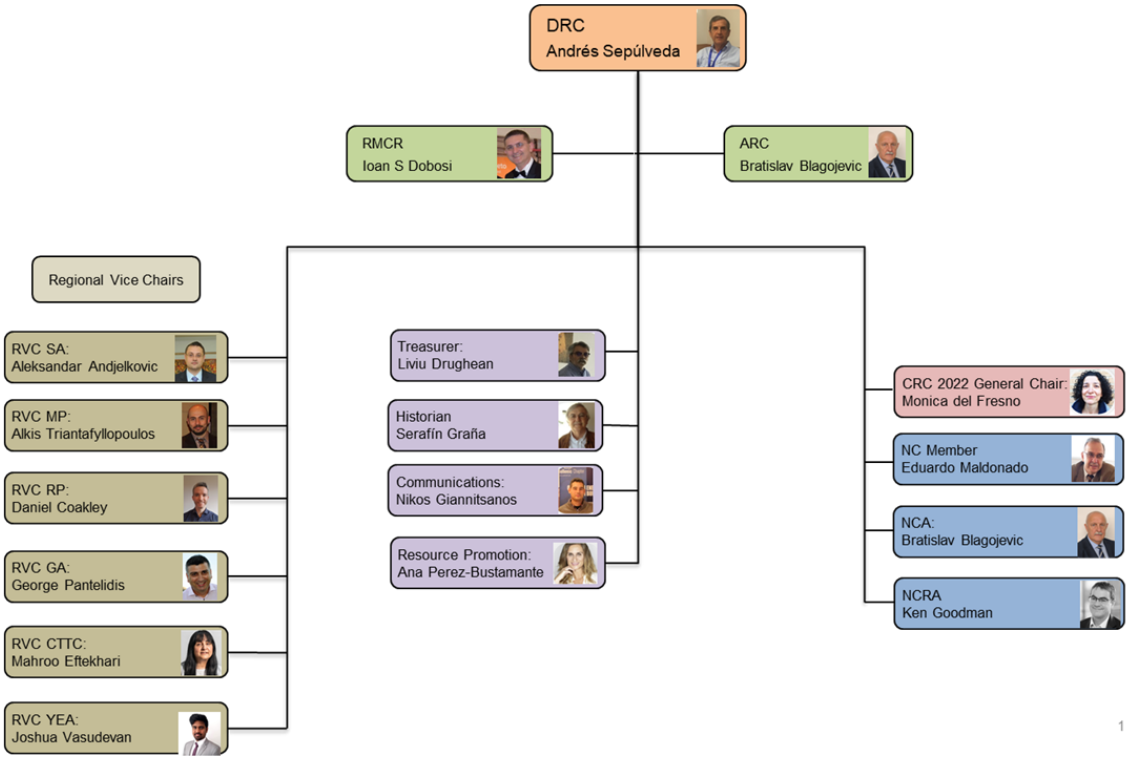
Eurostarts Suites Mirasierra,
MADRID
Saturday, September 10, 2022
08:00 to 19:30

AGENDA

1. CALL TO ORDER & OPENING REMARKS – Sepúlveda
   a. Code of Ethics and Diversity Commitments
   b. Applicable ASHRAE Manuals and Guidelines
   c. Appointment of Recording Secretary
   d. Roll Calls and Introductions
2. REVIEW OF AGENDA – Sepúlveda
3. ADDRESS OF CRC GENERAL CHAIR – del Fresno
4. ADDRESS OF DRC – Sepúlveda
5. APPROVAL OF MINUTES – Sepúlveda
6. ACTION ITEMS - Sepúlveda
7. RECOGNITION TO CURRENT REGIONAL OFFICERS.
   WELCOME TO NEW OFFICERS – Sepúlveda
8. ADDRESS OF SOCIETY OFFICER – Scoggings
9. ADDRESS OF OTHER GUESTS
10. REGIONAL REPORTS – Regional Officers
11. CHAPTER REPORTS – Chapter Delegates / Alternates
12. CHAPTER MOTIONS & RESOLUTIONS – Delegates / Alternates
13. REGIONAL OPERATING FUND–Drughean
14. Q&A SOCIETY OFFICERS & STAFF
15. NEW BUSINESS-Sepúlveda
16. ANNOUNCEMENTS – Sepúlveda
17. FUTURE MEETINGS (Society & Region) – Sepúlveda
18. ADJOURNMENT

Attachment 3

2022-2023 Region XIV Officers



Contact information available on the web: **https://ashrae.eu/region-xiv/**

Attachment 4

2022 CHAPTER DELEGATES AND ALTERNATES

Constantino Zeniou, Delegate, Cyprus Chapter
Nicholas Zachopoulos, Alternate, Cyprus Chapter
Gratiela Maria Tarlea, Delegate Danube Chapter
Marko Ignatovic, Alternate Danube Chapter
Petros Dalavouras, Delegate Hellenic Chapter
Costas Balaras, Alternate Hellenic Chapter
Conor Murray, Delegate Ireland Chapter
Conor Deane, Alternate Ireland Chapter
Benjamin Hershkovits, Delegate Israel Chapter
Avi Menashe, Alternate Israel Chapter
Isabel Sarmento, Delegate Portugal Chapter
Jose Luis Alexandre, Alternate Portugal Chapter
Ignacio Gómez-Cornejo, Delegate Spain Chapter
Mar Serna, Alternate Spain Chapter
Saziye Azlik Dickson, Delegate UK Midlands Chapter
Joshua Vasudevan, Alternate UK Midlands Chapter
Prendergast Patrick, Delegate UK London & South East Chapter
Ljubomir Jankovic, Alternate UK London & South East Chapter