

*The European Voice of Refrigeration,  
Air Conditioning and Heat Pump Contractors*

# ANNUAL REPORT **2025**



# ABOUT AREA

AREA is the European association of refrigeration, air conditioning and heat pump contractors. Contractors are the essential link between end users and manufacturers. They design, install and maintain refrigeration, air conditioning and heat pump equipment using every available solution with complete neutrality towards equipment and refrigerants, in the sole aim of ensuring the highest level of reliability, energy efficiency and cost-effectiveness.

## AREA IN A NUTSHELL

**26** national associations

**22** countries

**13,000** companies

**110,000** people

**€23bn** turnover



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CHILLVENTA

WE'RE PART OF IT!



Nuremberg,  
13–15.10.2026

CONNECTING EXPERTS

# FOREWORD BY THE PRESIDENT

As President of AREA, it is my privilege to introduce our annual report and reflect on a year marked by both challenges and achievements. Throughout 2025 the European refrigeration, air conditioning, and heat pump contracting industry continued to navigate a rapidly evolving regulatory landscape, embrace technical innovation, and strengthen collaboration across borders. Our shared commitment to excellence and unity has been the cornerstone of our remarkable progress.

A major focus this year was the ongoing implementation of the revised F-gas Regulation. Building on the work completed in 2024, AREA has been instrumental in supporting national associations and contractors as they prepare for the new certification schemes. Our Working Groups Refrigerants and Human Capital have worked tirelessly to develop training materials, guidance documents, and facilitate exchanges between

member countries to ensure a smooth transition. Our constructive dialogue with the European Commission further strengthened AREA's role as a trusted partner, providing the industry's practical expertise and contributing to clear, fair, and workable secondary legislation.

Sustainability and digital transformation were also high on the agenda. AREA launched several initiatives aimed at improving energy efficiency, promoting the uptake of alternative refrigerants, and supporting decarbonisation efforts. Members contributed to pilot projects exploring new technologies, such as smart control systems and advanced heat pumps, which are vital for achieving Europe's climate targets. The exchange of best practices and technical know-how through AREA's working group meetings has further strengthened our network and enabled members to stay ahead of regulatory and market developments.



A highlight of the year was our presence at the 21st European Conference UNEP-IIR-AREA-CSG on June 12-13 in Milan, where AREA reaffirmed its leadership in certification and skills development. The event attracted once again a large number of international participants. Moreover, our partnership with World Refrigeration Day was strengthened by signing a Memorandum of Understanding to reinforce our commitment to collaborate. AREA also proudly supported the international network of women in refrigeration (INWIC) by awarding the winner of the Women in Cooling video competition—an initiative that gained significant attention and showcased the diversity and talent within our sector. Encouraging young profes-

sionals and promoting inclusivity remain key priorities for AREA, and we look forward to expanding these initiatives in the coming years.

Another important moment in 2025 was our General Assembly meeting in Istanbul, excellently hosted by our member SOSIAD. The event brought together the majority of our members, who actively contributed to the working group discussions and strategic planning.

Last year also marked a milestone in the growth of our association: AREA welcomed three new members—AIPOR (Portugal), OPSE (Greece), and AGFR (Romania). Their addition strengthens our representation across Europe and enriches our collective expertise, reinforcing AREA's role as the unified voice of refrigeration, air conditioning, and heat pump contractors.

Looking ahead to 2026, AREA is poised to build on its achievements and address emerging challenges with renewed determination. The new EU political cycle presents opportunities to strengthen our advocacy efforts and influence policy developments that impact our sector. We will continue to champion the interests of contractors, promote high standards in training and certification, and facilitate the adoption of sustainable technologies.

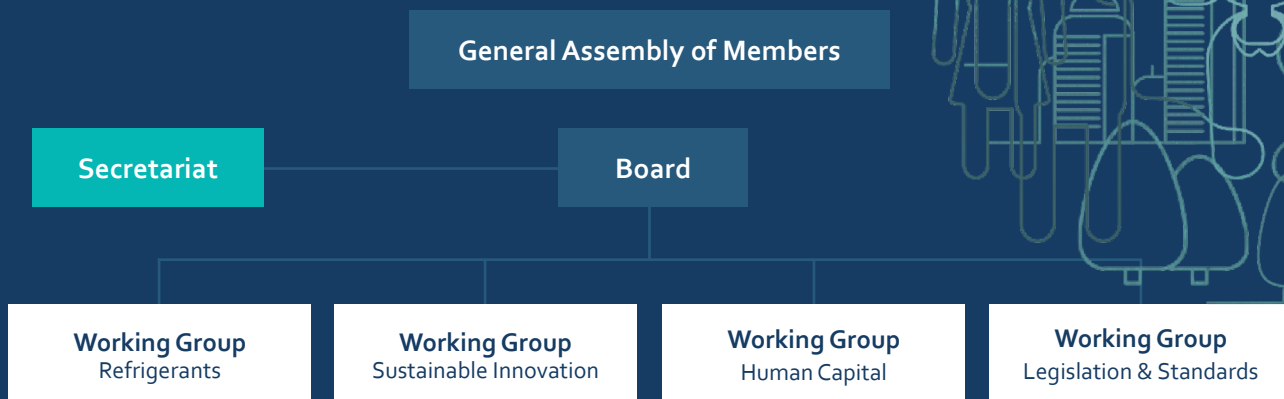
Our strategic vision for 2026 and beyond will guide our work, ensuring that AREA remains at the forefront of industry transformation and innovation.

*Coen van de Sande  
AREA President*



# ORGANISATION

## WORKING BODIES



### Synthetic refrigerants

- F-gases
- Ozone depleting substances
- HFOs

### Natural refrigerants

- Ammonia
- Hydrocarbons
- CO<sub>2</sub>

**Chair:** Zohar Tzur  
(NVKL, Netherlands)

**Vice-Chair:** Viktor Ölen  
(SKVP, Sweden)

### Energy & decarbonisation

- Renewable energy
- Energy efficiency
- EPBD

### Environment & Circular Economy

- Ecodesign
- WEE
- Resource efficiency

**Chair:** Dimitris Tairis  
(HUGAS, Greece)

**Vice-Chair:** Alfredo Oliveira  
(Apirac, Portugal)

### Promotion

- Inclusive workforce
- Societal purpose
- Career development

### Skills

- Projects (Real Alternatives, RDL, U-kitar...)
- Standards (EN 13313...)
- Upskilling
- Education schemes

**Chair:** Thanos Biris  
(HUGAS, Greece)

**Vice-Chair:** Stepan Stojanov  
(SCHKT, Czech Republic)

### Standards

- EN378
- IEC product standards
- SO 22712

### Legislation

- Pressure equipment directive
- ATEX for workers
- Occupational safety
- National developments

**Chair:** Declan Fitzmaurice  
(IRI, Ireland)

**Vice-Chair:** Blanca Gómez  
(CNI, Spain)



**Coen van de Sande**  
*NVKL, Netherlands*  
President



**Stepan Stojanov**  
*SCHKT, Czechia*  
Vice-President



**Marco Buoni**  
*ATF, Italy*  
Past President with a special mandate  
“International Affairs”

## BOARD OF DIRECTORS



**Thanos Biris**  
*HUFGAS, Greece*  
Treasurer



**Espen Rønning**  
*VKE, Norway*  
Board member



**Grzegorz Michalski**  
*KFCh, Poland*  
Board member



**Seamus Kerr**  
*IRI, Ireland*  
Board member

# INTERNAL AFFAIRS

## 2025 MEETINGS

In 2025, AREA members came together in two vibrant cities — Istanbul in the spring and Brussels in the autumn — for a year marked by renewed collaboration, strategic alignment, and meaningful sector-wide exchange.

### Spring in Istanbul:

Hosted by SOSIAD, our Turkish member, the Spring Meeting on 22–23 May brought delegates to the CVK Park Bosphorus Hotel for two days of concentrated work and warm hospitality. The working groups set the tone for the year ahead: discussions ranged from ecodesign and energy-labelling developments, to skills initiatives, F-gas implementation, and PFAS restrictions.

The General Assembly included a memorable highlight as two new associations — **AIPOR** (Portugal) and **OPSE** (Greece) — were welcomed as new members, strengthening our network and reinforcing our mission to support Europe’s HVACR community.

### Autumn in Brussels:

The Autumn Meeting on 16–17 October took place at AREA’s new home on Avenue des Arts 56, right in the EU quarter.

Throughout the sessions, one message was clear: the role of the installer has never been more central. From decarbonisation to energy efficiency, from the safe handling of alternative refrigerants to the deployment of new technologies, installers remain the backbone of Europe’s HVACR transition.

A key milestone of the General Assembly was the warm welcome extended to **AGFR** — the General Association of Refrigeration Technicians in Romania — who would officially join AREA on 1 January 2026.

The meeting concluded with a convivial dinner on Brussels’ Grand Place, sponsored by Danfoss, celebrating a successful year of shared progress and reinforcing the bonds across the AREA network.

## NEW OPPORTUNITY TO JOIN AREA AS OBSERVING PARTNER



We are delighted to announce the exciting new opportunity to join AREA as an Observing Partner. By becoming an Observing Partner, organisations will join a unique network of peers where they can:

- Connect with Europe’s RACHP contractors and organisations active in the sector.
- Receive key updates on European policy and regulation that impacts our industry.
- Gain insights that help you to stay up to date on industry trends.

The brochure is available on [our website](#).

# WORKING GROUPS

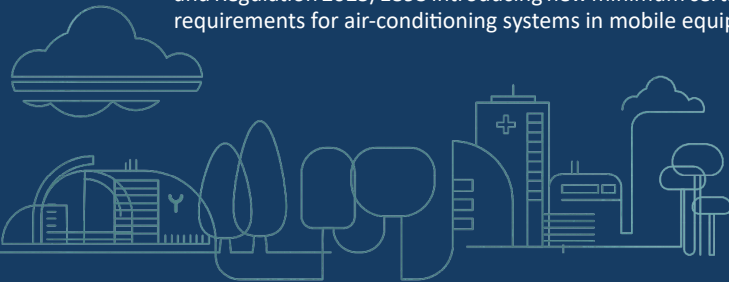
## Refrigerants

In 2025, the AREA Working Group on Refrigerants supported members in the implementation of the revised F-gas Regulation and facilitated the exchange of national enforcement experience.

A central priority was the rollout of Implementing Regulation 2024/2215, establishing minimum requirements for the issuance of certificates at national level. The working group also monitored other implementing acts, including on leak checks (1516/2007) and Regulation 2025/1893 introducing new minimum certification requirements for air-conditioning systems in mobile equipment.

To reinforce enforcement and market integrity, the working group adopted a dedicated [position paper on illegal trade of refrigerants and uncertified work](#), setting out the principal challenges and recommendations and calling on EU institutions and Member States to take swift action in support of the European RACHP contracting sector.

Throughout the year, members also continued to follow developments in the PFAS restriction process considering its potential huge impact on refrigerants.



## Sustainable Innovation

Throughout 2025, the Working Group on Sustainable Innovation maintained a proactive focus on key policy files and developments concerning energy efficiency and decarbonisation. One of the most remarkable contributions of the Sustainable Innovation Working Group was the publication of AREA's [position paper](#) on the upcoming "Heating and Cooling Strategy", a communication by the European Commission expected for adoption in May 2026, aimed at providing recommendations for a cost-effective transition towards fossil fuel-free technologies. AREA's position highlights that energy security and grid reliability are critical to decarbonising heating and cooling, alongside increased installer capacity and streamlined financial frameworks to enable affordable heat pump deployment.

In line with the adopted annual work plan, the working group monitored the progress on the reviews of the Regulation on the ecodesign requirements for air heating products, cooling products, high temperature process chillers and fan coil units, and of the Regulation on professional refrigeration, respectively known as

ENER LOT 21 and ENTR LOT 1. The working group contributed to the stakeholder consultation specifically addressed to installers and repairers run by the research consultancy VHK on behalf of the European Commission. Members had the opportunity to comment on circularity aspects, access to spare parts, causes of failures, and energy efficiency of the products in the scope of the review (among which: high-temperature process chillers, air conditioner rooftop units, variable refrigerant flow systems, and data centres).

In addition, AREA rejoined the informal gathering on indoor air quality (EIQ gathering), where the main purpose is promoting the integration of indoor air quality in relevant EU and national legislation and standards, placing emphasis on the implementation of the Energy Performance of Building Directive (EPBD). In this context, AREA cosigned the prestigious [Global Pledge for Healthy Indoor Air](#) at the inaugural High-Level Side Event on indoor air quality at the UN General Assembly of September 2025.

# Human Capital

The publication of the framework communication “Union of Skills” in early 2025 brought vocational training and education again at the centre of the European Commission’s agenda. Its implementation includes valuable opportunities for the Working Group on Human Capital to foster and engage on key issues concerning upskilling and reskilling, as the RACHP is notably recognised by the Commission as one of the sectors most affected by EU-wide skills shortages. Throughout 2025, the Human Capital Working Group monitored closely the developments concerning the proposal for a Regulation on an EU Talent Pool, the now adopted amendment to the European Social Fund +, as well as the negotiations on the rollout of a European degree label project. For AREA members, a single

European degree in the field of refrigeration engineering is a great opportunity for ensuring that safety and training standards are more harmonised across EU Member States.

In late 2025, the Human Capital and Sustainable Innovation Working Groups joined forces to set-up the “AREA Digitalisation Task Force” to explore the impact of digitalisation in the RACHP sector. The goal of this task force is to analyse the role of AI and data-driven emerging technologies, clarify roles and liabilities for installers and repairers, and highlight opportunities for the sector. The project will culminate in the publication of guidelines targeted at contractors, installers, and repairers.

# Legislation and Standards

2025 marked a period of great activity for the Legislation and Standards Working Group. The enquiry stage (i.e. public consultation) of the review of the four parts of the European Standard EN 378 “Refrigerating systems and heat pumps — Safety and environmental requirement” took place from 3 July to 25 September 2025. The most critical aspects remained flammability and leaks, including calculation.

The working group contributed to this important review with the publication of the [AREA Information Bulletin](#). The document has the purpose of advising AREA members and contractors on the relevance of the EN 378 standard for the refrigeration and heat pump industry and on the procedures to participate in the enquiry process.

In addition to this, the working group continued to monitor other national and EU developments on standardisation, such as compliance with the ATEX Directive, and the state of play of the implementation of the Pressure Equipment Directive and of the review of EN 14276 “Pressure Equipment for Refrigerating Systems — General requirements”.



# NEWS & EVENTS

## WOMEN IN COOLING VIDEO COMPETITION

Organised by AREA in cooperation with World Refrigeration Day, the Women in Cooling Video Competition 2025 marked the third edition of an initiative dedicated to celebrating women's expertise across the refrigeration, air conditioning and heat pump (RACHP) sector.



The competition featured two categories:

**Category A – RACHP Best Practice Mastery:** Technical operations such as installation, commissioning, leak testing, refrigerant charging, repair, and other hands-on tasks. This was won by Chloe Jennings from the United Kingdom. Recognised for her exemplary demonstration of practical RACHP skills, Chloe impressed judges with her confident handling of refrigeration procedures and clear commitment to best practice.

**Category B – RACHP Design Excellence:** A “day in the life” style look at RACHP system design, analysis, diagnostics or optimisation, including CAD work and practical application. This was won by Hannah Romberg, Katharina Breuer and Anna Halle from Germany. This trio stood out for their thoughtful and highly competent approach to engineering design, reflecting strong analytical and diagnostic capabilities.

Across both categories, the winning videos highlighted not only technical knowledge but also communication skills and a clear understanding of safety, sustainability and innovation – qualities essential to the future of the RACHP sector.

## MOSTRA CONVEGNO EXPOCOMFORT

AREA is pleased to announce the release of the [closing press release](#) for [Mostra Convegno Expocomfort](#) (MCE) 2026. Over 1,600 exhibitors and 120,000 visitors demonstrated the strong engagement of the stakeholders across the HVAC+R value chain, confirming the MCE status as the top international networking platform for the civil and industrial plant engineering, air conditioning, renewable energy, and water sectors.

AREA looks forward to connecting once again with the community at the next edition, from 7–10 March 2028 in Milan. Mark your calendars and save the date!



# PROJECTS

## REAL Alternatives: A New Life. A Milestone in Harmonising HVAC/R Training in Europe



On February 24, the much-anticipated “Real Alternatives: Train-the-Trainers Week” commenced at IKKE’s state-of-the-art training center, one of the largest and most advanced RACHP institutes in Europe.

Organised in collaboration with ATF and IKKE, this intensive training program brought together expert trainers from several EU Member States, including Croatia, Czech Republic, Ireland, Poland, Romania, Slovakia, and Sweden.

The program focused on the use of low-GWP alternative refrigerants, covering flammable refrigerants, carbon dioxide, and ammonia—core components of the Real Alternatives project. Expert trainers representing national associations are being equipped with a standardised teaching methodology designed to ensure a unified approach to training across Europe. This initiative is crucial in harmonising alternative refrigerant training,

aligning closely with the requirements of the new Implementing Regulation (EU) 2215/2024.

Simultaneously, the Real Alternatives Stakeholder Meeting gathered over 20 associations and training institutes that are key partners in the project. In a year marked by significant changes in certification, this meeting reaffirmed the importance of the Real Alternatives initiative, first launched in 2017 with EU funding.

By standardising training and certification processes, Real Alternatives is paving the way for a future where HVAC/R professionals across Europe are better equipped to handle emerging technologies and meet evolving regulatory demands.

For more information on the project, please visit the [Real Alternative website](#).

## REAL Alternatives Train-the-Trainer and Stakeholder Meeting

From 6 to 10 October, a new Train-the-Trainer event was held at PROZON in Warsaw, Poland. Trainers from seven different countries (Greece, Italy, Portugal, Romania, Sweden, Slovakia and Turkey) gathered to take part in an intensive week of training sessions focused on flammable refrigerants, carbon dioxide, and ammonia. The event provided a valuable opportunity for trainers to exchange experiences, align teaching methodologies, and strengthen their technical knowledge on the safe and efficient use of alternative refrigerants. Moreover, these joint Train-the-Trainer sessions play a crucial role in ensuring that all national training providers maintain a consistent, high-quality approach when delivering the REAL Alternatives materials across Europe.

In addition to the training session, on 6 October, PROZON also hosted the REAL Alternatives Stakeholder Meeting, where representatives from the various National Leads met to discuss the future development of the project. During the discussions, the partners have agreed on the importance of further expanding the training content on ammonia systems, responding to the needs of European technicians as countries prepare for the national implementation of the EU Implementing Act 2024/2215.

The meeting also provided the occasion to welcome two new members to the REAL Alternatives network: LCETB from Ireland,

joining as a new National Lead, and INSU AB from Sweden, joining as an Official Training Provider. Both events reflect the continued commitment of the REAL Alternatives partnership to support the safe, sustainable, and skill-based transition towards lower-GWP refrigerants across Europe and beyond.



# INTERNATIONAL AFFAIRS

## AREA AND WRD SIGN MEMORANDUM OF UNDERSTANDING

During the 21st European Conference on the Latest Technologies in Air Conditioning and Refrigeration, held in Milan and organised by Centro Studi Galileo and UNEP, Coen van de Sande, President of AREA and Stephen Gill, Founder of World Refrigeration Day (WRD) signed a Memorandum of Understanding (MoU) to strengthen collaboration on public awareness, sustainability, and inclusion in the refrigeration and air conditioning sector.



The MoU sets out a shared commitment to promote the role of cooling in everyday life and its contribution to the ecological transition. The two organisations will work together on public campaigns, educational outreach, and training programs, with the goal of increasing understanding of sustainable cooling solutions and their societal impact.

A central pillar of the agreement is the promotion of diversity in the HVACR workforce. The MoU includes measures to foster gender equality and support underrepresented groups.

Through this strategic partnership, AREA and WRD aim to give greater visibility to the professionals behind cooling technologies and to highlight their critical role in health, comfort, food security, and climate action.

## GENDER EQUITY IN HVAC: AHR EXPO HOSTS DISCUSSION ON MALE ALLYSHIP

The AHR Expo in Orlando featured a panel discussion addressing gender equity in the HVAC industry, focusing on the role of male allies in supporting and advancing women in the sector. The session, which took place on 10 February, included key speakers like Marco Buoni (Past President of AREA) and Yosr Allouche, Director General of the International Institute of Refrigeration (IIR), alongside other industry professionals.

With growing awareness of the need for diversity in technical industries, the session highlighted the impact of mentorship, workplace policies, and industry-wide initiatives in fostering

professional growth for women. The discussion aimed to provide insights into best practices that companies and individuals can adopt to support a more balanced workforce.

A graphic for a panel discussion titled "Stronger Together: How Male Allies Help Advance Women in HVAC". It features seven headshots of speakers arranged in two rows. The top row includes Yosr Allouche (IIR), Marco Buoni (Past President of AREA), Kristin Gallup (Center Enterprises), and Mikala Gossard (AHR). The bottom row includes Steve Gill (World Refrigeration Day), Colleen Keyworth (Online Access), and Madi Sakandi (IIR). The text "Presented by International Network of Women in Cooling (INWIC)" is at the bottom right.

**Stronger Together:  
How Male Allies  
Help Advance  
Women in HVAC**

Presented by International Network  
of Women in Cooling (INWIC)

Yosr Allouche  
IIR

Marco Buoni  
Past President of AREA

Kristin Gallup  
Center Enterprises

Mikala Gossard  
AHR

Steve Gill  
World Refrigeration Day

Colleen Keyworth  
Online Access

Madi Sakandi  
IIR

# INTERVIEW WITH ASHRAE'S PRESIDENT

During the AHR Expo 2025 in Orlando, Marco Buoni, had the opportunity to interview Dennis Knight, President of ASHRAE, on key industry challenges and future perspectives. The discussion focused on workforce empowerment, sustainability, and international collaboration, reinforcing the importance of global partnerships in addressing the evolving needs of the HVAC/R sector.



# EXPLORING THE FUTURE AT XXI EUROPEAN RACHP CONFERENCE

The XXI European RACHP Conference, held at Politecnico di Milano on 12–13 June 2025, served as a pivotal forum for assessing the present and future of the HVACR sector. Organised by UNEP, IIR, AREA, CSG, ATF and REI, under the auspices of the Italian Ministry of Environment, the event brought together the major international institutions to

address the sector's key challenges and pathways toward a more sustainable, energy-efficient future.

Throughout five thematic sessions, the conference examined the full spectrum of transformations impacting refrigeration and air conditioning: from refrigerant transition and energy performance

to digitalisation, gender inclusion, policy updates and cold chain resilience. In parallel, technical updates covered innovations in components, compressors, and system design to optimise efficiency and ensure safety with flammable alternatives.

On the policy front, the EU's updated F-gas framework was a dominant theme. Experts analysed new requirements around technician certification, product bans, PFAS restrictions, and quota mechanisms. The need for rapid and inclusive upskilling was strongly emphasised, with AREA and national bodies working to ensure compliance through updated training schemes, certification programmes, and mutual recognition systems.

A special session was dedicated to gender inclusion, highlighting the persistent underrepresentation of women in the sector and presenting global case studies on successful gender mainstreaming.



# AREA at the African Network Meeting in Dakar

AREA was present at the United Nations African Network Meeting held in Dakar, Senegal, in September 2025. The meeting brought together National Ozone Units from 54 African Countries UN agencies, and regional stakeholders to discuss the implementation of the Montreal Protocol and Kigali Amendment, with a strong focus on technician training, certification, and the transition to alternative technologies.

AREA highlighted how Europe's experience can support developing countries in upskilling their RACHP technicians, sharing practical approaches to training, certification, and safe handling of new refrigerants. The European model on F-gas Regulation, quota systems, and enforcement tools was present

as a valuable reference to guide the global transition.

The discussions confirmed that while African countries are motivated, they require strong support in building technician

competence standards, developing enforcement mechanisms, and strengthening MRV (monitoring, reporting, verification) systems, logbooks (digital, electronic or paper), and a centralised database.



## Side event on International Training and Certification Standards

Held during the 47th meeting of the OEWG in Bangkok, this side event brought together key experts and institutional stakeholders to discuss the critical role of training and certification



in ensuring sustainability and performance in the Refrigeration, Air Conditioning and Heat Pump (RACHP) sector.

The event addressed existing international training models, the value of certification in skills recognition, and how technician training supports energy efficiency throughout the system lifecycle—from installation to maintenance and end-of-life management.

Speakers included:

- Opening Remarks & Welcoming Speech by Marco Buoni
- Stephen Andersen – Institute for Governance & Sustainable Development

(IGSD) – “USA technicians Certification”

- Marco Buoni – Air Conditioning and Refrigeration European Association of Contractors (AREA) and Associazione Tecnici del Freddo (ATF) – “European Experience in Certification of RAC Technicians”
- Marco Duran – International Institute of Refrigeration (IIR) – “Training and Certification – International Perspective”
- Baolong Wang – Chinese Association of Refrigeration (CAR) and IIR – “Technician’s training and certification in Refrigeration and AC sectors in China”
- Youssef Hammami – NOU Tunisia – “Certification Scheme, Case study: Tunisia”

# AREA at Eurovent Summit in Prague

AREA was present at the Eurovent Summit 2025 in Prague, with strong representation from Vice President Stepan Stojanov and Treasurer Thanos Biris.

During the Summit, AREA actively engaged with stakeholders across the HVACR value chain and presented its latest publications, including the AREA Vision 2030 and the AREA Guide on the F-gas Regulation. These

documents provide practical insights to support contractors and technicians in navigating the ongoing transition to sustainable technologies.

The presence of AREA leadership underlined the association's commitment to strengthening collaboration with European and international partners, ensuring that

the voice of contractors remains central to the industry's future.



# AREA Session at ATMOsphere Europe 2025



AREA played a central role at ATMOsphere Europe 2025, reaffirming its long-standing commitment to strengthening technician competence, promoting safe practices and supporting the transition toward natural and

low-GWP refrigerants. The conference, held over two days in Padua, offered a timely platform to address the regulatory and technical challenges emerging from the new EU F-gas Regulation.

Marco Buoni, as moderator of the dedicated session on skills, training and certification, outlined the uneven pace at which EU Member States are implementing mandatory training requirements for alternative refrigerants. His intervention highlighted the importance of harmonised, high-quality certification frameworks to ensure that technicians can work safely and confidently with flammable and high-pressure refrigerants, particularly propane and CO<sub>2</sub>. The strong engagement from the audience underscored how central technician competence has become to the success of Europe's refrigerant transition.

# MEMBERS AND INTERNATIONAL PARTNERS

## MEMBERS

Austria



Belgium



Croatia



Czech Republic



Denmark



Estonia



Finland



France



Germany



Greece



Greece Opse



Ireland



Italy



Italy



Netherlands



Norway



Poland



Portugal



Portugal



Romania



Slovakia



Spain



Spain



Sweden



Turkey



United Kingdom



# INTERNATIONAL PARTNERS

Thailand



India



Africa



INWIC



World Refrigeration Day



UNEP – OzonAction



# FAIR PARTNERS

CHILLVENTA



# CONTACT



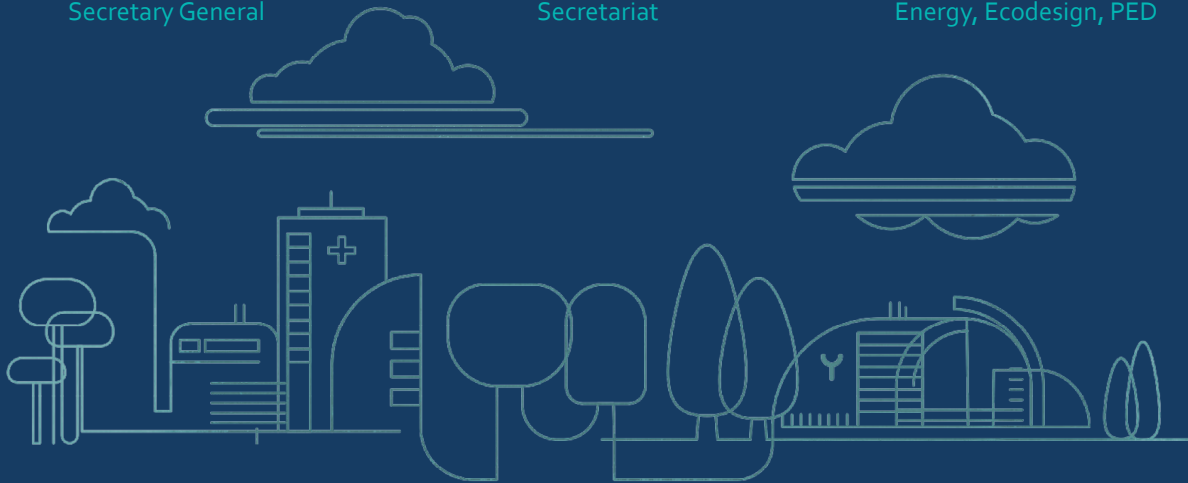
**Claire Grossmann**  
Secretary General



**Christelle Vandermeuter**  
Secretariat



**Sylvia Alessi**  
Energy, Ecodesign, PED



**Air Conditioning and Refrigeration  
European Association - AREA aisbl**



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