Technical Conference
Climate Change Challenges

September 9, 2022.
08:30h – 14:00h
Eurostarts Suites Mirasierra Hotel. Madrid
Conference room: Garnacha II & III

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ASHRAE Region XIV
ASHRAE Spain Chapter

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About the Conference

There are many and numerous challenges of sustainability and climate change that are pressing us right now. The industry has turned around and awareness over decarbonization at all levels and layers of human consumption and sustainable industry has certainly accelerated for the better.

The clock is counting down. We continue to increase by 2 ppm/year of CO2, the main vector of greenhouse gases that cause the increase in global temperature and, today, we are at values of 420 ppm, which if compared to 270 ppm of the pre-industrial era, the gap is abysmal.

We can and must still change the course: the HVAC&R industry has a lot to say. There have been many changes in this industry for decades: use and prohibition of refrigerants, much more sustainable systems, lower impact of carbon footprint in production.

HVAC systems in accordance with the Smart Grid, energy efficiency in all areas and engineering practices, as well as in products, certifications and approvals. And now the circular economy, where not only the operation is looked at, but also the impact of the construction itself, and the final disposal and its recovery.

In this technical conference we hope to offer a global vision of where the industry is, and where it needs to go, in order to meet the 2030 and 2050 decarbonization goals.

Program

08.00h – 08.30h: Registration
08.30h – 09.00h: Region XIV Europe CRC 2022 Open Ceremony
09.05h – 09.30h: Real Madrid Arena Revamp Experience. Alejandro Lorca. L35 Architects
10.05h – 10.30h: How to be a Human in a Technical World. Karine Leblanc. IAIRE, ASHRAE Distinguished Lecturer
10.35h – 11.00h: Coffee Break
11.05h – 11.30h: European Ventilation Criteria. Post-Covid Conclusions. Esteban Domínguez. ACIX
11.35h – 12.00h: Circular Construction: Lean Cradle2Cradle, beyond Net Zero. Ignaci Cubiña. EIG
12.05h – 12.30h: Circular Architecture Initiatives. Zuzana Prochazkova. Pich Architects
12.35h – 13.00h: Solutions at the Service Change. Daniel Gil. Swegon
13.05h – 14.00h: Decarbonization during Predevelopment of Modular Building Solutions. Antón García – Abril. Ensamble Studio
14.00h – 16.00h: Cocktail Lunch