



# Technical Conference Climate Change Challenges

September 9, 2022  
08:30h – 14:00h

Eurostarts Suites Mirasierra Hotel. Madrid  
Conference room: Garnacha II & III

Organize



Sponsors

Platinum



Gold



Silver



## 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 CO<sub>2</sub>, 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.** Speech by Teresa Riesgo. Madrid Politechnic University PhD Industrial Engineer, ETSII-UPM Electronic Technology Professor, General Secretary of Innovation of the Spanish Government and President of the Center for the Development of the Industrial Technology - CDTI

09.05h – 09.30h: **Real State Investor's ESG Policy Consequences on New Projects.** Íñigo Ortiz, Ortiz y León Arquitectos

09.35h – 10.00h: **Real Madrid Arena Revamp Experience.** Alejandro Lorca, L35 Architects

10.05h – 10.30h: **Building MEP Embodied Carbon and Reduction Opportunity.** Luke Lueng. ASHRAE

10.35h – 11.00h: Coffee Break

11.05h – 11.30h: **How to be a Human in a Technical World.** Karine Leblanc. IAIRE, ASHRAE Distinguished Lecturer

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 – 13.30h: **New Refrigerants and Heat Pumps: Decarbonization's Goals.** David Díaz. DAIKIN

13.05h – 14.00h: **Decarbonization during Predevelopment of Modular Building Solutions.** Antón García – Abril. Ensamble Studio

14.00h – 14.15h: Sponsors Trophies

14.15h – 16.00h: Cocktail Lunch

