

SOLUTIONS FOR ASIA - CALL FOR CASE STUDIES ATMOSPHERE ASIA 2015

*After a successful first event, ATMOsphere Asia returns to Tokyo, Japan from 3-5 February 2015. The ATMOsphere Review Panel has officially issued a Call for Case Studies seeking innovative, natural refrigerant based case studies for a variety of applications including commercial, light commercial, industrial and transport refrigeration, heat pumps, air conditioning and new areas of application. **The deadline for abstract submissions is 01 December 2014.***

The second edition of ATMOsphere Asia – Solutions for Asia aims to exhibit the latest natural refrigerant (CO₂, ammonia, hydrocarbons, air and water) technologies and projects applicable to the Asian market. Joint presentations between manufacturers/contractors and end users are welcome, as are case studies with a special focus on the Tokyo Olympics 2020. Case study applications must meet all of the following criteria in order to be considered.

Deadline: 01 December 2014

Case study topics

The ATMOsphere Review Board is looking for case studies focused on HVAC&R product innovations, best practices and/or lessons learned in the field of natural refrigerant (CO₂, ammonia, hydrocarbons, air and/or water) technology. The study must be a practical summary of a new or improved technology rather than a formal, rigorous research paper, proving and analysing real-life results relating to energy efficiency, cost effectiveness and reliability. **Case studies must be centered in or applicable to the Asian market.**

Fields of Application

- Commercial & Light-Commercial Refrigeration
- Industrial Refrigeration
- Air Conditioning (Mobile & Stationary)
- Heat Pumps
- Transport
- New areas of application

Submission criteria

Sustainable: The case study should address the potential of natural refrigerant technology (CO₂, ammonia, hydrocarbons, water and air)

Replicable: Lessons learned that could be applied to other projects

Original: Technology innovations, research results that have not been shown elsewhere, new field of applications etc.

Tangible: Examples of real life installations and demonstration projects, laboratory testing with tangible results etc.

Important: Case studies with the following elements will be treated preferentially:

Efficiency analysis: analysis of how the refrigerant influences the Coefficient of Performance (COP), comparison of different systems or parameters, etc.

Cost analysis: energy costs, operational costs, planning and installation costs, life-cycle costs

Formatting guidelines

Case study submissions will not be considered unless they include:

Author's full name, organisation and email address

Case study title

Key words

A substantial abstract – please be aware that this is the abstract that will be used to announce the case study. It must be at within 3-5 paragraphs and state the main focus and key elements of the case study.

Presentation time

Each technology case study presentation will be allotted 10-12 minutes for the presentation + 3 minutes of Q&A from the audience.

Speaker discount

Case study presenters are entitled to a special 50% discounted ATMOsphere Asia 2015 conference pass.

Submission procedure

Case studies abstracts and questions about submissions can be sent to asia@ATMO.org. Please indicate “ATMO Asia 2015” in the subject line and in the case study itself.

Submission deadline: 01 December 2014

About ATMOSphere Asia 2015

3-5 February 2015 at the Shin Marunouchi Building in Tokyo, Japan

The second ATMOSphere Asia conference will be held from 3-5 February 2015. The event aims to support and promote the global market uptake of leading natural refrigerant technologies from all over Asia. ATMOSphere Asia 2015 serves as a forum where academics, system and component manufacturers, end-users, government representatives and more can exchange views on the latest regulatory developments, market trends and technology innovations in the field of natural refrigerants.

Through workshops, panel discussions and technology case studies, several topics and applications will be covered, including industrial, commercial, light commercial & transport refrigeration, as well as heat pumps and air conditioning.