

About the Workshop

ATMOsphere 2010 will help answer one simple question: HOW to bring natural refrigerants 'Faster to Market'?

The ATMOsphere formula:

- 150 participants,
- 45 moderators,
- 40 speakers,
- 15 groups
- 2 days
- 1 ATMOsphere report

ATMOsphere 2010 will bring together all main stakeholders to discuss what policy and industry can do to support the use of CO₂, hydrocarbons and ammonia as refrigerants in developed and developing countries.

Results on how to overcome barriers will be summarised in one ATMOsphere report distributed at global climate talks and major trade fairs.

Sponsors



Carrier

A United Technologies Company



AXIMA Refrigeration
GDF SVEZ



HOW to Bring Natural Refrigerants Faster to Market

27-28 September 2010

Brussels, Belgium

International Workshop
on Natural Refrigerants

www.ATMOsphere2010.com

27 SEPT	DAY ONE
8:00	Registration & Welcome Coffee
9:00	Mr Marc Chasserot, shecco - Mr Didier Coloumb, IIR Welcome speeches
9:15	POLICY SESSION I
	Mr Rajendra Shende, United Nations Environment Programme Revolution at the door step: sustainable cooling Mr Lambert Kuijpers, Technology and Economic Assessment Panel of the Montreal Protocol Presentation of the latest TEAP report Mr Philip Owen, European Commission DG CLIM Review of the F-gas Regulation - What's in it for natural refrigerants
10:00	Q&A Session
10:30	Coffee break – offered by Silver Sponsor
11:00	Mr Robert Missen, European Commission DG Energy The role of natural refrigerants in the eco design rules for commercial refrigeration Mr Julius Banks, United States Environmental Protection Agency U.S. EPA policy concerning acceptability and use of natural refrigerants Mr Ryoichi Yamamoto, Senior Advisor to the Japanese Government Japan's leading role with natural refrigerants
11:45	Q&A session
12:00	Networking Lunch - offered by Gold Sponsor
13:00	LUNCH SESSION: EDUCATION
	Mr Armin Hafner, SINTEF (Chairman) An LCCP tool for cooling and heating Mr Hans Wijbenga, Dutch Refrigeration & Air-Conditioning Association (NVKL) The first European training centre for natural refrigerants Mr Daniel Colbourne, German Organisation for Technical Cooperation (GTZ) Guidelines for the safe use of hydrocarbons Mrs Katja Becken, German Federal Environment Agency (UBA) Natural refrigerants - a chance to reduce greenhouse gas emissions
14:00	RETAILERS SESSION
	Interactive Panel debate with: Mr Robert Missen, European Commission DG Energy (Chairman) Mr Andy Campbell, Tesco Mr Paul Rowsome, Carrefour Mr Rene van Gerwen, Unilever (tbc) Mr Christoph Brouwers, Carrier Commercial Refrigeration Mr Jürgen Süß, Danfoss (tbc)
15:30	Coffee break – offered by Silver Sponsor
16:00	WORKSHOP I: REFRIGERATION
	Mr Bernard Siegele, German Organisation for Technical Cooperation (GTZ) The costs involved in HC conversions - experiences from production & commercialisation Mr Giacomo Pisano, Dorin The compressor role in the roadmap to viable CO ₂ refrigeration equipment Mrs Caroline Rham, Linde (tbc) The perspective of a global refrigerant supplier on market barriers, needs & opportunities Mr Marek Zgliczynski, Embraco Challenges & solutions to the introduction of HC compressors in different world regions
17:00	WORKSHOP discussions in 15 groups - Incl. Q&A
18:00	End of Day 1
19:00	Networking Dinner - offered by  Carrier A United Technologies Company
	Dinner Speech: Mr Philippe Delpech, President of Carrier Commercial Refrigeration Dinner Speech: Mrs Satu Hassi, Member of the European Parliament: The role of the European Parliament in promoting sustainable heating and cooling technologies

28 SEPT	DAY TWO
8:00	Registration & Welcome Coffee
9:00	Mrs Christianna Papazahariou, shecco Welcome + Presentation of group discussions Day 1
9:15	POLICY SESSION II
	Mr Sidi Menad Si Ahmed, United Nations Industrial Development Organization Supporting developing countries in shifting away from ozone depleting substances - Mrs Miruza Mohamed, Ministry of Housing and Environment, Maldives Carbon neutrality in the Maldives - the role of natural refrigerants - Mr Javier Camargo, Multilateral Fund of the Montreal Protocol How can the Multilateral Fund encourage the uptake of natural refrigerants?
10:00	Q&A Session
10:30	Coffee break – offered by Silver Sponsor
11:00	Mrs Nidia Pabón, Ministry of Housing and Environment, Colombia Colombia's position on natural refrigerants Mr Janos Mate, Greenpeace Replacing HFCs with natural refrigerants European government official (tbc) Refrigerants - a chance to reduce greenhouse gas emissions in MAC, industrial refrigeration and heat pumps
11:45	Q&A session
12:00	Networking Lunch - offered by Gold Sponsor
13:00	LUNCH SESSION: INDIA
	Interactive Panel Debate with: Mr Rajendra Shende, UNEP (Chairman) Mr. R. S. Agarwal, Senior Advisor UNDP Project Mr Souvik Bhattacharyya - Indian Institute of Technology Kharagpur Mr Philippe de Rougemont, No621 Campaign aiming at supermarket chains in India: Let's change perceptions on natural refrigerants!
14:00	WORKSHOP II: HEAT PUMPS
	Mr Alexander Cohr Pachai, Johnson Controls High-efficiency NH ₃ and HC heat pumps for low-carbon buildings in the EU Mr Kenneth Hoffmann, Star Refrigeration Economic benefits of high temperature ammonia heat pumps (two case stories) Mr Michael Persichilli, Echogen Powering the world: converting waste heat into energy cost savings Mr Merle Rocke, Ecothermics CO ₂ compressor and system technology: sustainable heating and cooling
15:00	WORKSHOP discussions in 15 groups - Incl. Q&A
16:00	Coffee break – offered by Silver Sponsor
16:30	WORKSHOP III: AC/MAC
	Mr Brent Hoare, Green Cooling Association (tbc) Australia's leadership role for innovative HC air-conditioning systems Mr Nick Kawamura, Mayekawa A new range of cooling applications using natural refrigerants Mr Nicholas Cox, Earthcare Innovative designs for plant room chillers using hydrocarbon refrigerants
17:30	WORKSHOP discussions in 15 groups - Incl. Q&A
18:30	Closing Remarks

* Programme details subject to change