

Welcome & Introduction

Marc Chasserot, Chairman ATMOsphere

CEO shecco



Australian & NZ industry can lead the world in NR

Policy is an important driver

OPSGGM, EU F-Gas, CARB, Montreal Protocol, Japan subsidies

More NR solutions are available for different applications, incl. warmer climates

More end-users announce NR are a now standard in new equipment



Competition increases: from low-GWP HFC refrigerants

Natural Refrigerants still a 'niche' = +/- 10% Global HVAC&R

"mainstreaming" of Natural Refrigerants will not happen by itself



Raise Awareness: Training & NR Label

Reduce Costs: Lower capital costs, new business models, incentives & subsidies

Increase Availability: Components, Systems, Services, integrated approach, natural refrigerants for AC, high ambients

Innovate and invest in R&D to fill the gaps



















































Accelerator of natural refrigerant based technologies



sheccb Group

16 May, 2016 - Melbourne























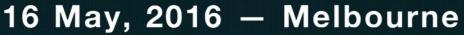






MarketResearch & RegulatoryAffairs

Projects United Nations, Europe & Global







quarterly news magazine about natural refrigerants for Australia

about the **most progressive business leaders** working with natural refrigerants in all HVAC&R sectors

free digital distribution

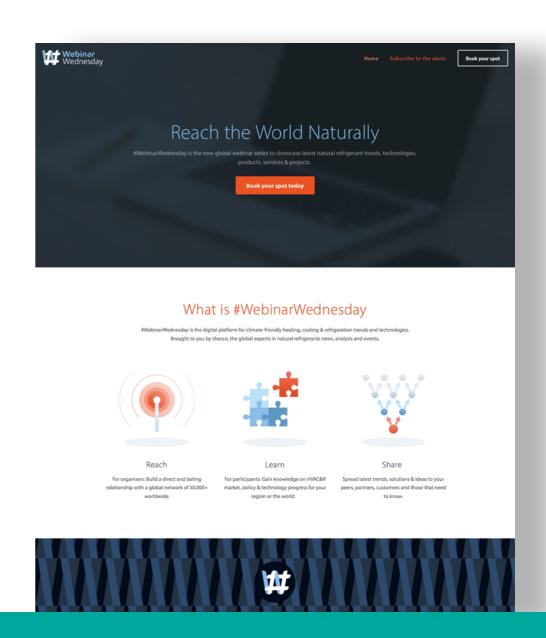
Read online at accelerateAUNZ.com

NEW: #WebinarWednesday

the new global webinar series to showcase latest natural refrigerant trends, technologies, products, services & projects.

build a direct and lasting relationship with a global network of 50,000+ worldwide.

www.webinarwednesday.net



Your content and executives paired with our expert moderators, using industry-leading software!

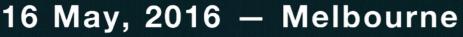


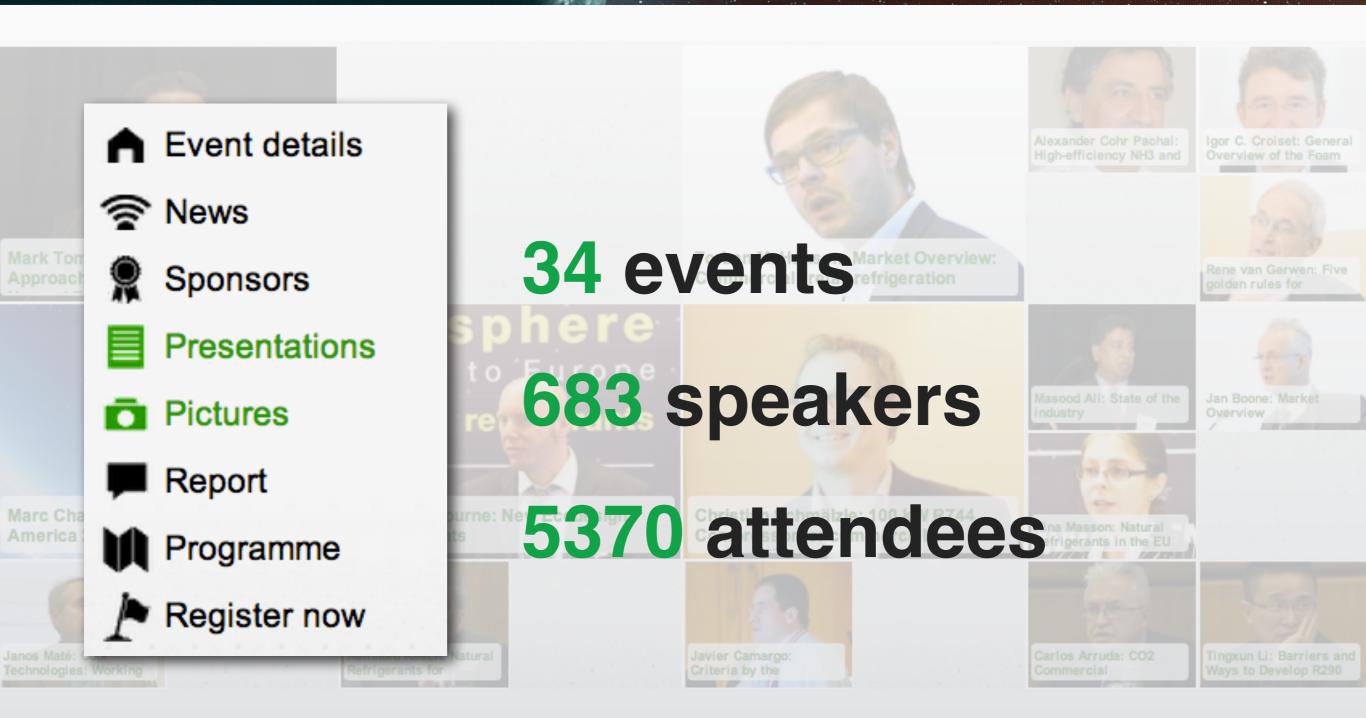
Chicago 16-17 June

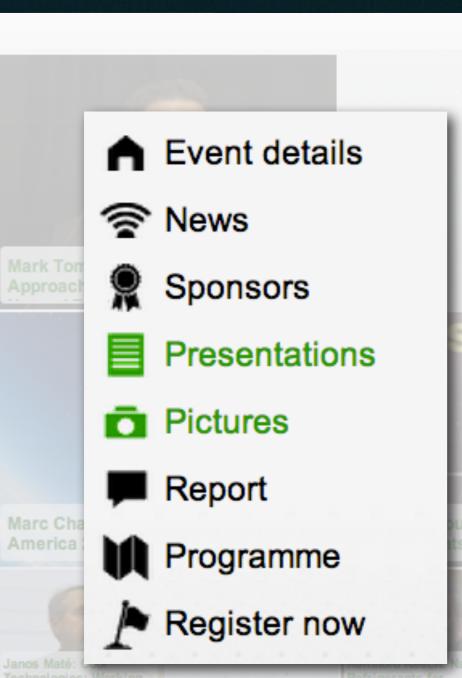
Tokyo Feb 2017

Berlin April 2017

ATMO by the numbers











Reception & Networking Dinner

Monday, 16 May - 19:00 Bobby McGee's Entertainment Lounge (1st Floor)





Participate to the discussion on Twitter by tagging your tweets with the hashtag

#ATMOAus

@ATMOEvents



Wifi Login: Rydges-Guest

Wifi password: Melbourne



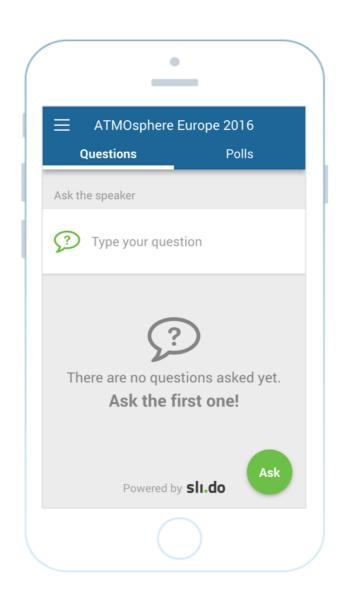
Summary of ATMOsphere Australia 2016 will be created on Storify, including all news posted on all shecco Media brands.

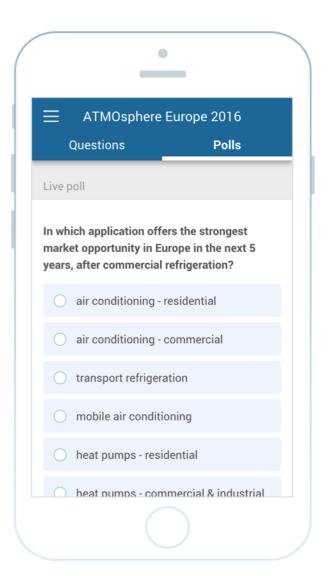


Keep up with all the articles: https://storify.com/sheccomedia/

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Programme

16 May 2017

	POLICY PANEL				
09:10	9:10 Presentations by government and industry experts on the latest regulatory issues and standards for natural refrigerants at Australia Zealand and international dimensions.				
	Chair: Marc Chasserot, shecco				
	Patrick McInerney, Australian Department of the Environment, HFC phase-down policy issues				
	Klara Skacanova, shecco, Natural refrigerants in the world - policy and market trends				
	MARKET TRENDS				
09:45	Leading industry representatives will give strategic and visionary presentations sharing their latest success stories, lessons learned, challenges and next steps with regards to natural refrigerant based technologies in Australia, New Zealand and beyond.				
	Chair: Jan Dusek, shecco				
	Ian Suffield, BITZER, Innovative cooling solutions				
	John Bolger, Mitsubishi Heavy Industries Air-conditioners Australia (MHIAA), Introduction of air to water heat pump that utilises Natural Refrigerant R744 Hideyo Asano, Mayekawa, Our natural refrigerant technology and energy-efficiency solutions				
	Robert DelVentura, Heatcraft Worldwide Refrigeration, An industry in change				
	Peter Bao, Advansor / Hillphoenix, Transcritical CO ₂ solutions for warmer climates				
10:45	Q&A with audience				
11:00	EMERSON. Climate Technologies				
	Coffee / Tea networking break - sponsored by CAREL Industries & Emerson Climate Technologies				

	HVAC&R ASSOCIATIONS PANEL	
11:30	In this session we will open the floor for all influential HVAC&R associations in Australia and New Zealand to share their experiences working with natural refrigerants, to speak about new opportunities, policy and technical barriers and the latest developments from each industry body to accelerate the adoption of natural refrigerant technology.	
	Chair: Marc Chasserot, shecco	
	Tim Edwards, ARA, Change 2016	
	Phil Wilkinson, AIRAH, AIRAH and PRIME promoting a whole HVAC&R industry pathway to a low emissions future	
	Matthew Darby, CCCA (NZ), Overview of New Zealand industry action to support safe management of refrigerants	
	Gregory Picker, Refrigerants Australia & AREMA , New working group to identify barriers, opportunities and clear path forward for natural refrigerants	
	Kim Limburg, ARMA, Implementing national licensing system including refrigerants to meet global standards	
	Kevin O'Shea, RACCA Australia, RACCA's position on natural refrigerants	
12:15	Q&A with audience	
12:30	Hillphoenix Was also and MYCOM	
	Networking Lunch - sponsored by Hillphoenix & Mayekawa Australia	

	END USER PANEL				
14:00	4:00 Key end users will share their experiences using different types of natural refrigerant technologies including benefits, challenges and future plans in commercial and industrial refrigeration applications.				
	Chair: Marc Chasserot, shecco				
	Michael Englebright, Woolworths, Our Journey to Natural Refrigerants				
	Greg Lewis, Countdown, Experience with the first CO ₂ TC system Stuart Saville, COLES, The path forward				
	Hiroshi Soma, Chemical Grouting, Ground freezing opportunities in construction works using NH ₃ /CO ₂ in Australia and NZ				
15:15	Q&A with Audience				
15:30	gordon Life Is On Schneider Electric				
	Coffee / Tea networking break - sponsored by Gordon Brothers & Schneider Electric				

	TECHNOLOGY CASE STUDIES IN HVAC&R			
16:00	This session will present some real-life examples of how natural refrigerants are applied in all HVAC&R applications. Leading suppliers and technology pioneers share their latest projects and product innovations, covering best practices, lessons learned, efficiency and cost analysis, as well as next steps.			
	Participants will be able to choose from the following parallel break out sessions:			
	Commercial Refrigeration	Industrial Refrigeration, AC and Heat Pumps		
	Chair: Ian Suffield, Bitzer	Chair: Stefan Jensen, Scantec		
	lan Suffield, Bitzer, CO ₂ transcritical combined cooling package	Peter O'Neill, Mayekawa Australia, NH ₃ heat recovery high temperature heat pumps in Australia and New Zealand		
	Masood Ali, Heatcraft Australia , Ultra-low charge NH ₃ /CO ₂ cascade system in a retail environment	lan Wilson, Strathbrook Industrial Services, The evolution of CO ₂ refrigeration system		
	Klaas Visser, KAV Consulting, Applying CO ₂ for all HVACR applications based on energy consumption of 800 Australian supermarkets	Scott Clydesdale, Gordon Brothers Industries, An overview of the largest NH ₃ /CO ₂ cascade refrigeration system in Australia		
	lan Garvey, Carter, Self contained display cases with a hydrocarbon refrigerant running on a water loop for heat rejection	Stefan Jensen, Scantec Refrigeration Technologies, Low charge NH ₃ refrigeration systems		
	Mirko Bernabei, SCM FRIGO, Transcritical CO ₂ technology for retail solutions in Australia and New Zealand	Massimo Casini , Dorin, Transcritical CO ₂ compressors for economised cycle		
	Wynand Groenewald, Commercial Refrigeration Services, CO ₂ transcritical systems operating in high ambients	Julian Hudson, Glaciem Cooling Technologies, R744 claims the middle ground		
	Matthew Darby, EcoChill, Comparison of synthetic and hydrocarbon system for kiwifruit cold store	lan Tuena, The Natural refrigerants company, Opportunities for hydrocarbon chillers in Australia		
17:45	Q&A with Audience			
18:00	Closing remarks			
	DINNER NETWORKING RECEPTION			
19:00	Bizer			
	Dinner Networking Reception - sponsored by BITZER Dinner speech by Peter Gibson, Managing Director, BITZER Australia			



Standup please!



