



19 & 20 April, 2016 - Barcelona

Welcome & Introduction

Marc Chasserot, Chairman ATMOsphere

CEO shecco

Franziska Menten,

Chief Events Officer, shecco



Global trends

EU industry at the forefront of innovation in NR technology **TODAY**

Policy is an important driver

EU F-Gas Regulation and national legislation & support

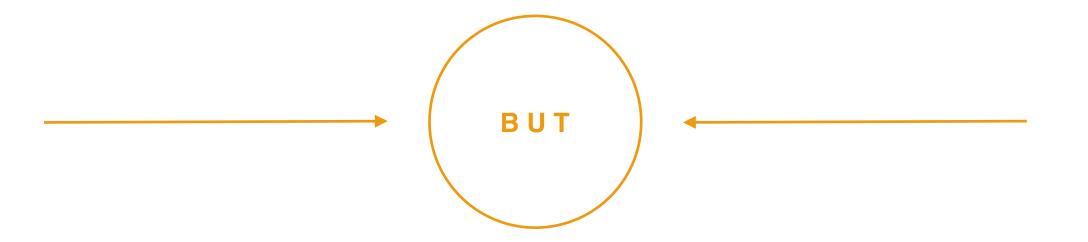
More NR solutions are available for different applications, incl. warmer climates

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

Policies from UN, US, Japan accelerate the trend on a global scale



Global trends



Competition increases: from companies in other regions from low-GWP HFC refrigerants

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

"mainstreaming" of Natural Refrigerants will not happen by itself



Global trends

Pro-active approach is necessary

Raise Awareness: NR label & Training

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

Sponsors





United Technologies

ADVANS®R

by Hill PHOENIX

Sponsors















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15+ years of shecco

Accelerator of natural refrigerant based technologies

































MarketResearch & RegulatoryAffairs

Projects United Nations, Europe & Global

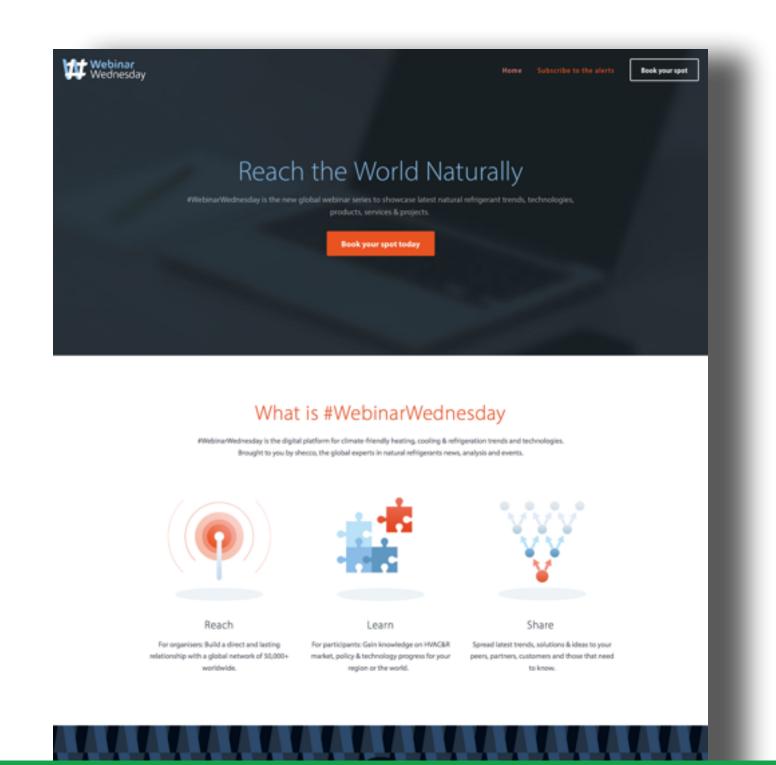


NEW: #WebinarWednesday

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!



Accelerate Europe



first monthly / bi-monthly / quarterly news magazine about natural refrigerants for North America, Europe and Japan

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

free digital distribution

Get the main messages from ATMOsphere Europe 2016: Read Accelerate Europe #3 in June!



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next global ATMO events



16 May



16-17 June



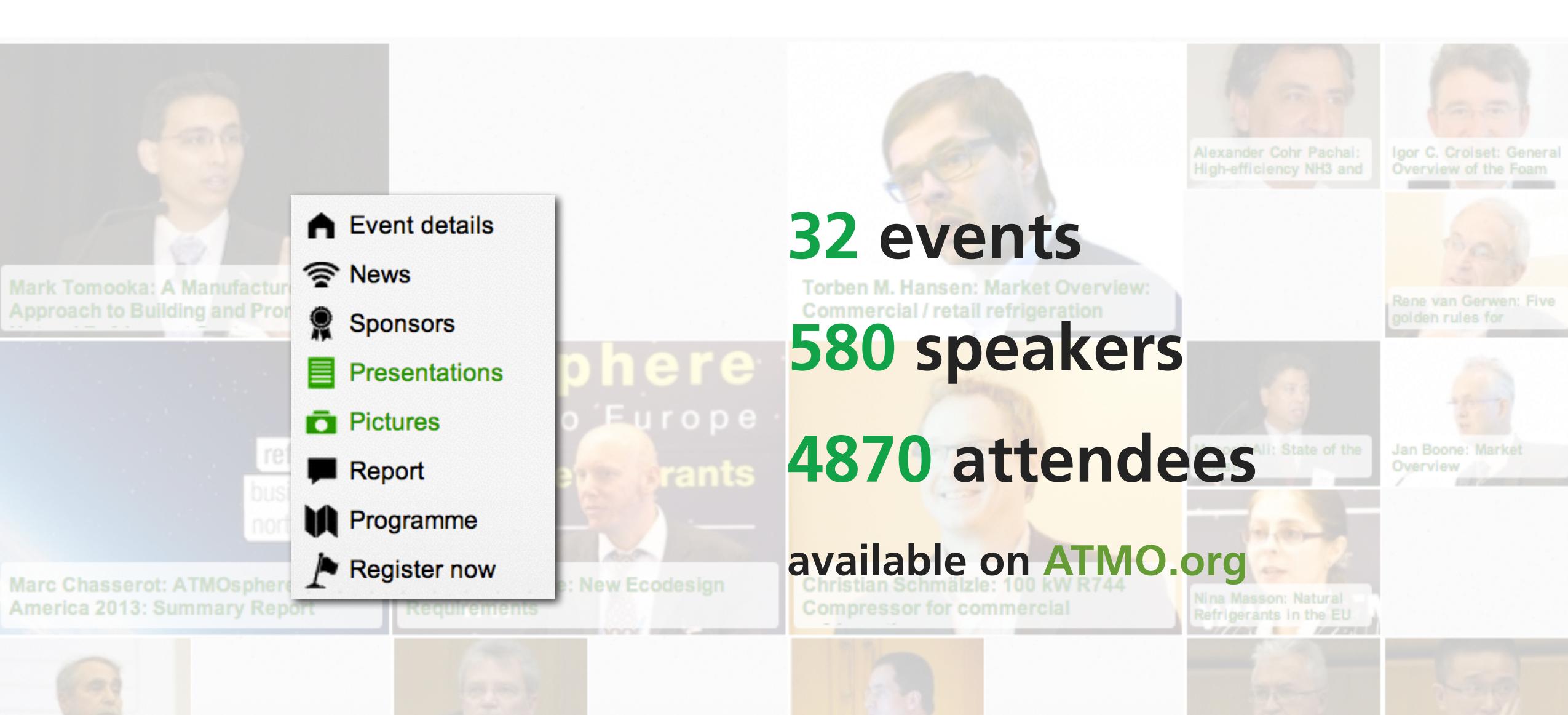
March 2017 - Berlin

Visit us at the other ATMOsphere conferences and continue the debate



ATMO by the numbers

Tingxun Li: Barriers and



Javier Camargo:



Janos Maté: Cool

ATMO by the numbers

Tingxun Li: Barriers and



Javier Camargo:



Activities during ATMOsphere Europe 2016



Polaroid pictures

& Business cards



Reception & Networking Dinner

Tuesday, 19 April - 19:30



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

#ATMOEurope2016 @ATMOEvents







Summary of ATMOsphere Europe 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/



Wifi connection



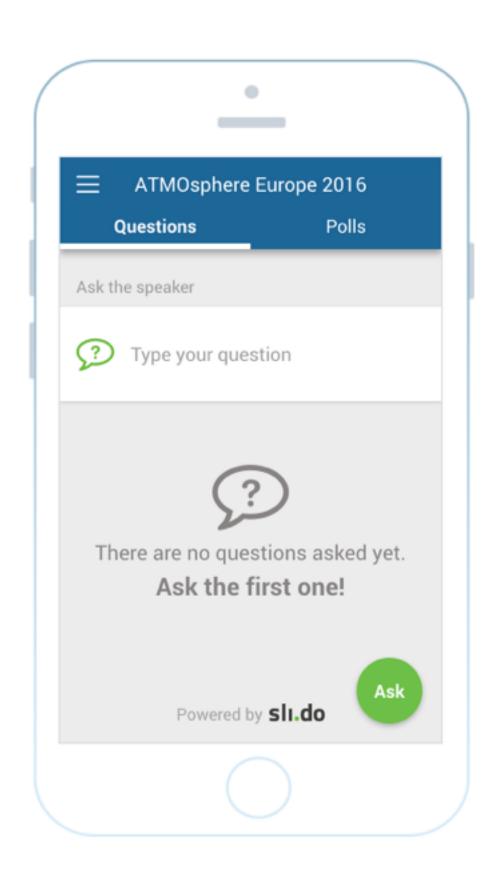
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kubi_MeetingRooms
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Password: SANDEN

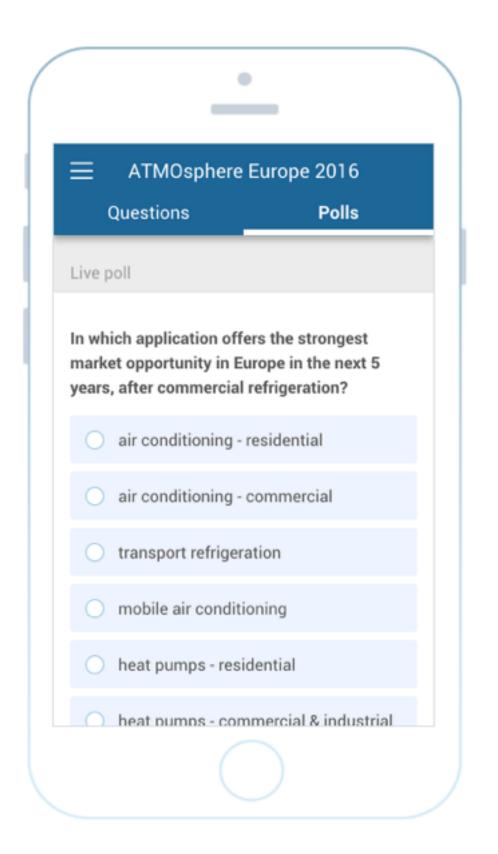


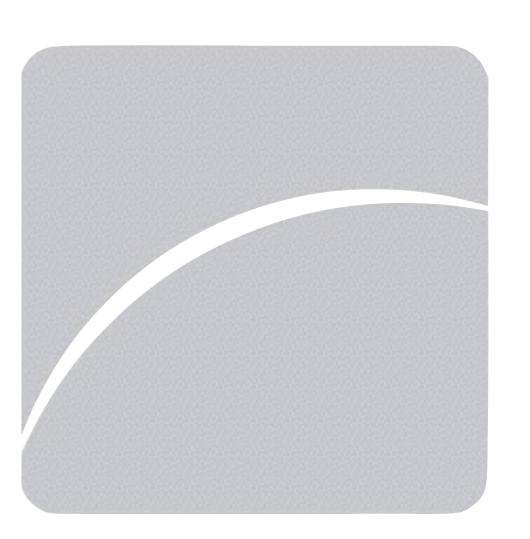
@atmoevents#atmoeurope











Programme Highlights Day 1

19 April 2016





PROGRAMME

TUESDAY 19th APRIL 2016

08:00 REGISTRATION & WELCOME COFFEE

WELCOME & INTRODUCTION 09:00 MARC CHASSEROT & FRANZISKA MENTEN,

KEYNOTE SPEECH

09:15 ARMIN HAFNER, NTNU Department of Energy and Process Engineering, Natural refrigerants, a complete

09:45 Q&A with audience

MARKET OPPORTUNITIES SESSIONS

10:00 End users discuss their future plans involving natural refrigerants, including their technology needs and the opportunities for natural refrigerant technologies across various applications in

CHARS: MARC CHASSEROT & NINA MASSON, shecco

- RICCARDO SAVIGLIANO, United Nations Industrial Development Organization (UNIDO) - DEBORA DIAS, Consumer Goods Forum - PAOLO MARTINI, Carrefour

10:45 Business Exchange Coffee Break

POLICY SESSION

11:15 Presentations by government representatives on national, European and global levels covering the latest regulatory issues and standards regarding natural refrigerants CHAIR: JONAS SCHÖNENBERGER, Frigo Consulting

CHARS: SIDI MENAD SI AHMED, shecco (Former UNIDO) & KLARA SKACANOVA, shecco

- ARNO KASCHL, European Commission

 GUILLERMO MARTÍNEZ LÓPEZ, Spanish Office for Climate, Change, Ministry of Agriculture, Food and Environment, Spanish policy and measures on fluorinated greenhouse gases KATJA BECKEN, German Federal Environment Agency, Elements of achieving an effective and advanced implementation of EU F-Gas regulation in Germany

 TORGRIM ASPHJELL, Norwegian Environment Agency. Norwegian regulation on HFCs and incentives on alternatives RICARDO ALMEIDA, Portuguese Environmental Agency, solution - Latest technological advancements for warm climates F-Gas and natural refrigerants: Portuguese overview - KLARA SKACANOVA, shecco,

Policies accelerating NR uptake outside Europe

12:45 Q&A with audience

13:00 Business Exchange Lunch

Technomercials will be presented during the lunch break by ATMOsphere sponsors showing their latest projects and products

ExxonMobil, Luvata, Danfoss, Panasonic, Advansor, CAREL, Carrier

PARALLEL BREAK-OUT SESSIONS DAY 1 - PART 1 14:30 Participants will be able to choose from the following

- COMMERCIAL REFRIGERATION CASE STUDIES PART 1 Location: Verdi (Main) Room

- SASCHA HELLMANN, Carrier, The next generation of commercial CO., refrigeration systems DIEGO MALIMPENSA, CAREL, High efficiency CO₂ transcritical systems for all formats in warm climates - JONAS SCHÖNENBERGER, Frigo Consulting, CO, refrigerating systems for southern climates

Programme

market opportunities

policy

technomercials

commercial ref case studies part 1 & 2

transport & magnetic cooling

light commercial panel

AC session

mainstreaming natural refrigerants

reception



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Thank you very much!

Standup please!





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Thank you very much!