



ATMO
sphere

solutions for europe
natural refrigerants

19 & 20 April, 2016 – Barcelona



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natural refrigerants

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Welcome & Introduction

Marc Chasserot, Chairman ATMOsphere

CEO shecco

Franziska Menten,

Chief Events Officer, shecco

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

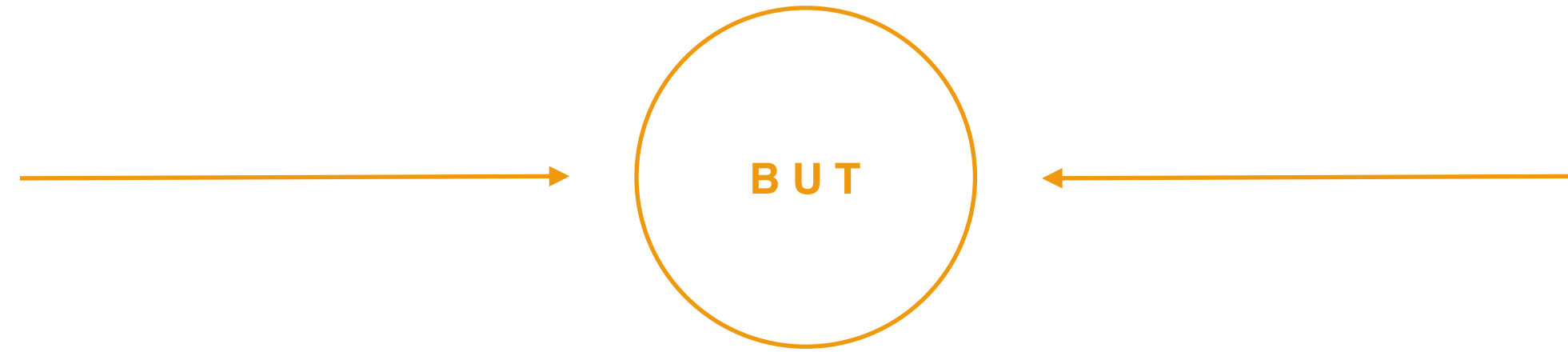
Policy is an important driver

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



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**

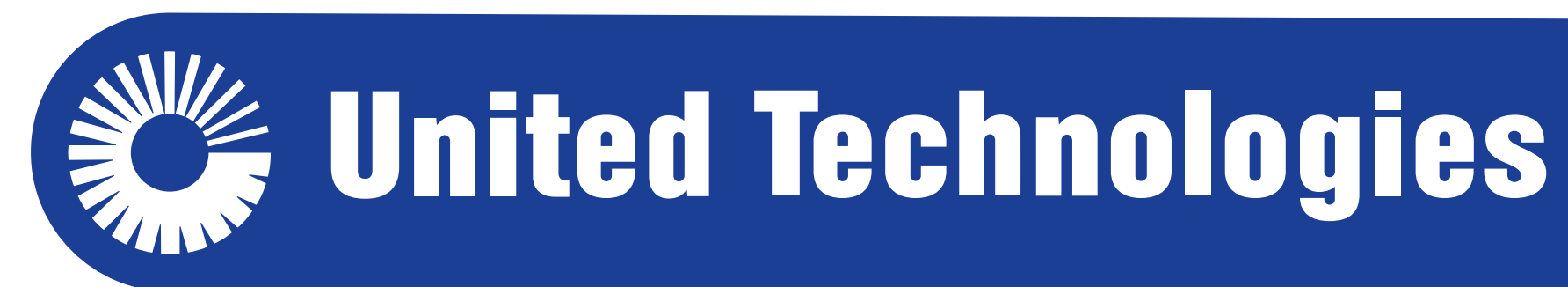
→ **Pro-active approach
is necessary** ←

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

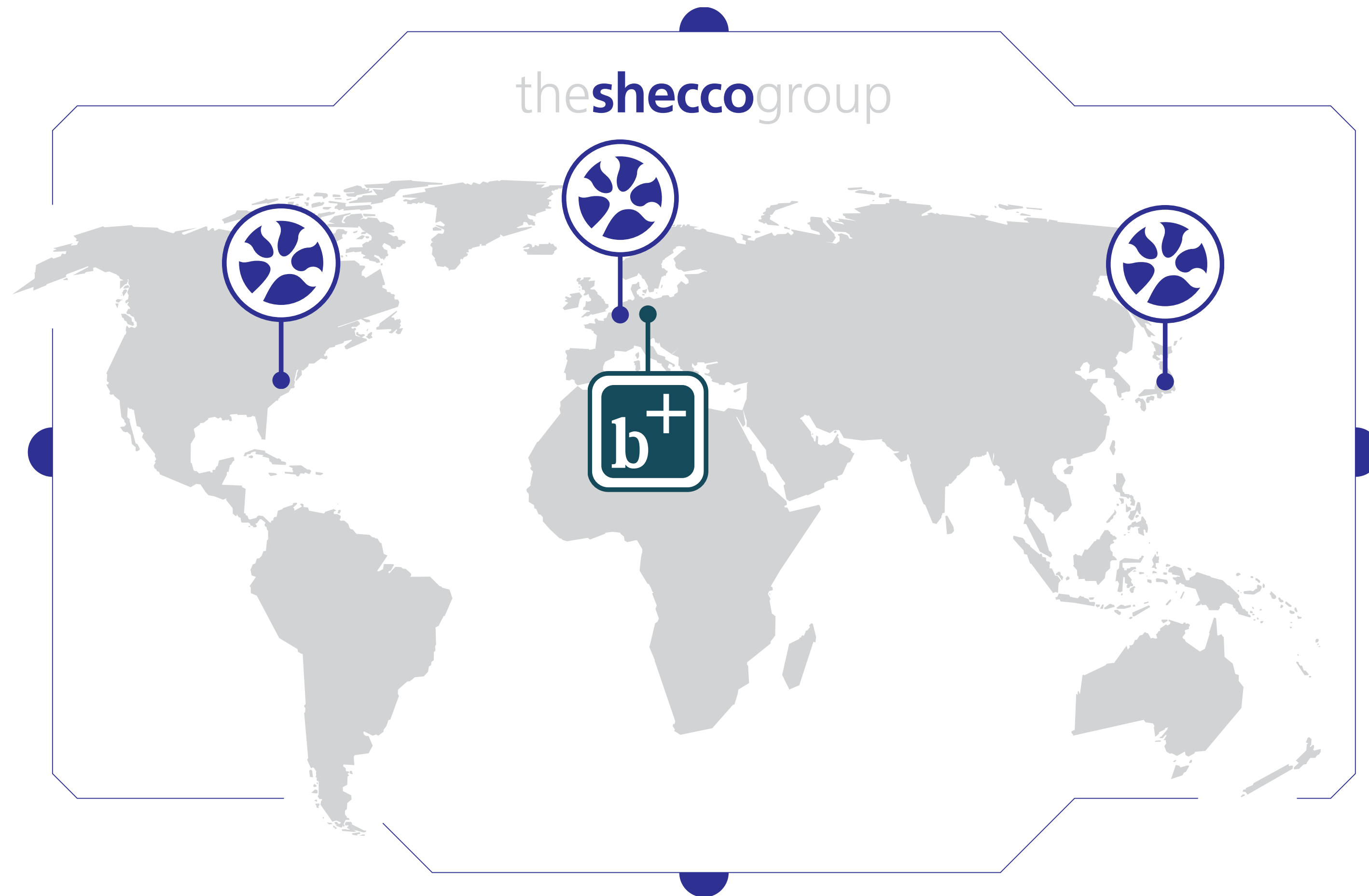








Accelerator of natural refrigerant based technologies





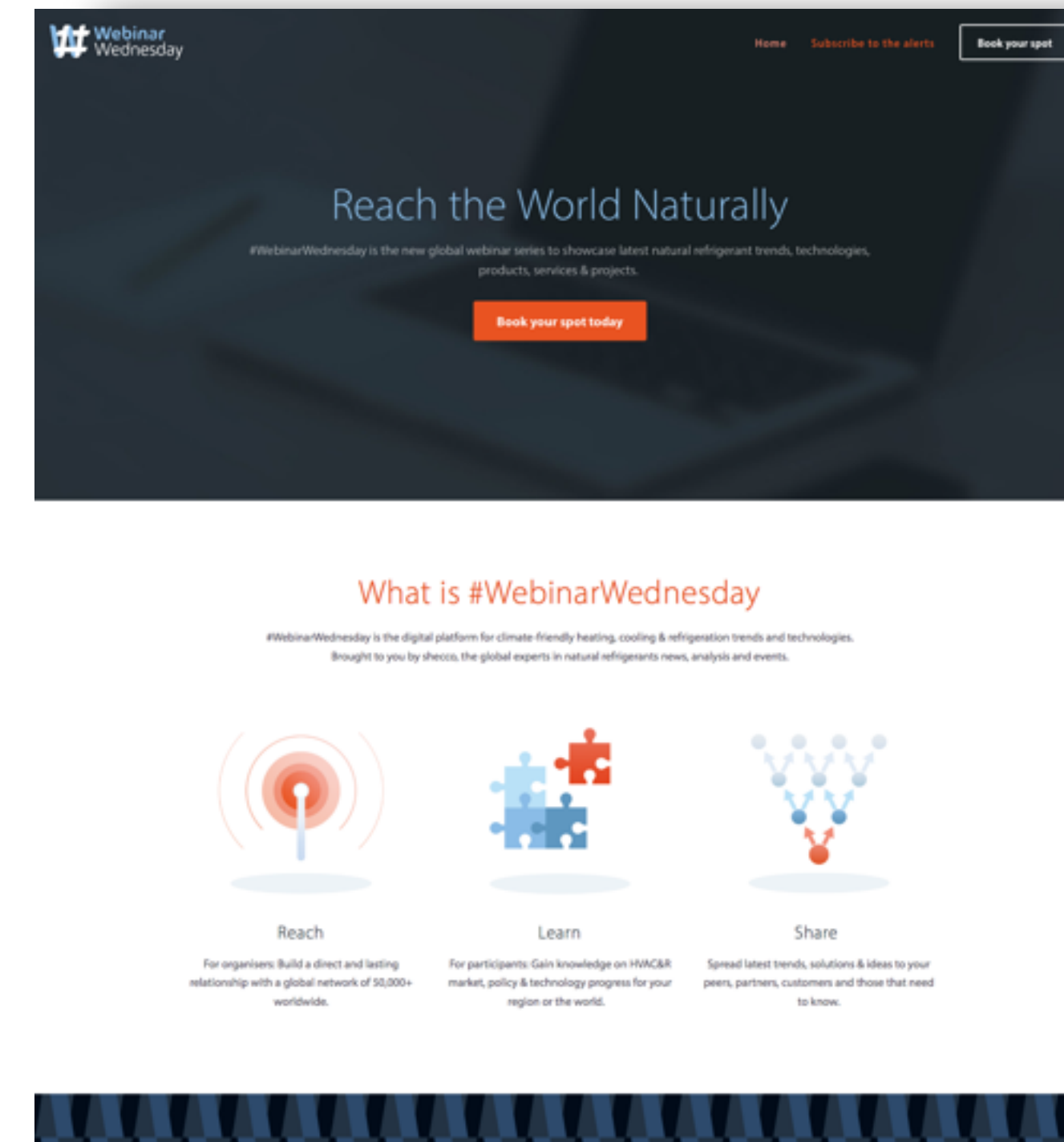
MarketResearch &
RegulatoryAffairs

Projects United Nations,
Europe & Global

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 !



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

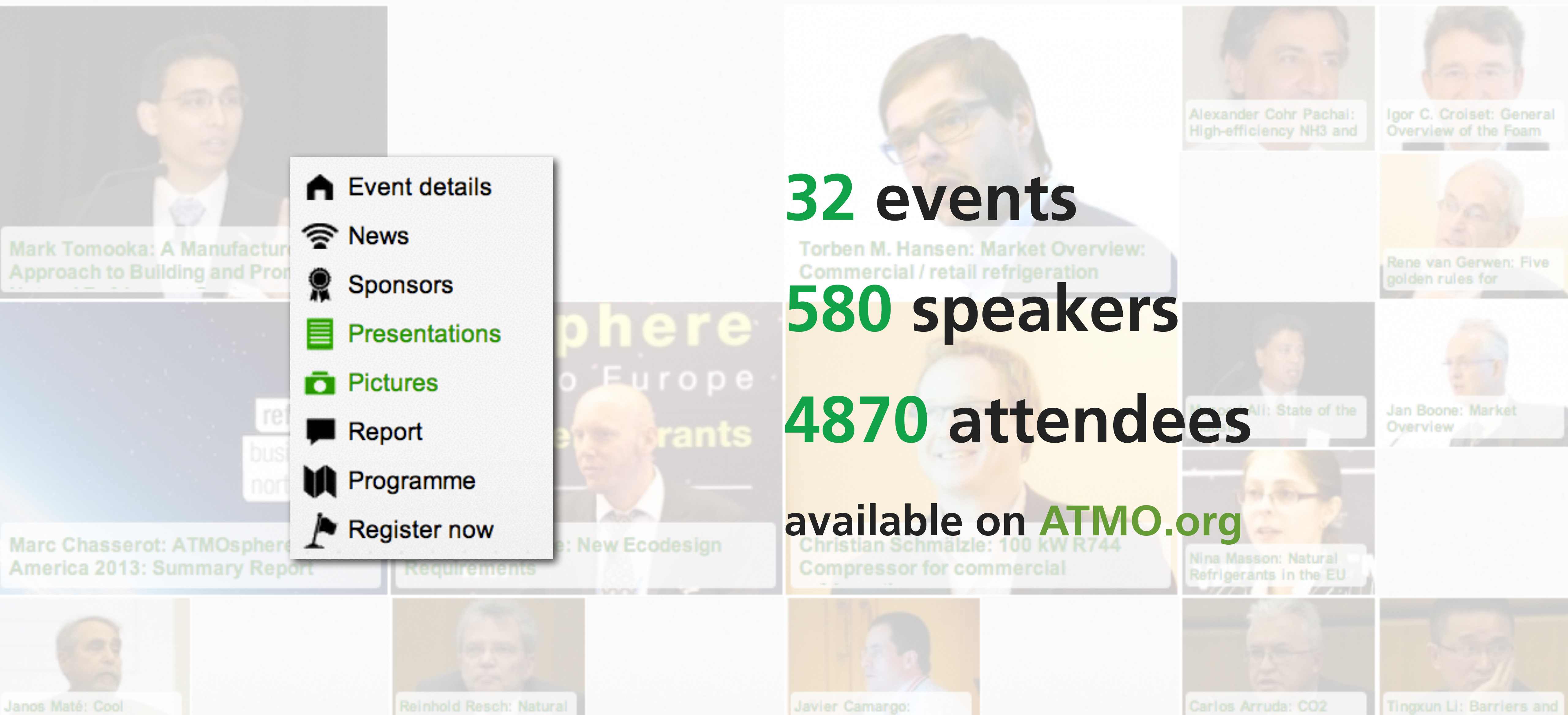
-  Event details
-  News
-  Sponsors
-  Presentations
-  Pictures
-  Report
-  Programme
-  Register now

32 events

580 speakers

4870 attendees

available on ATMO.org



Alexander Cohr Pachai: High-efficiency NH3 and

Igor C. Croiset: General Overview of the Foam

Torben M. Hansen: Market Overview: Commercial / retail refrigeration

Rene van Gerwen: Five golden rules for

Christian Schmäzle: 100 kW R744 Compressor for commercial

Nina Masson: Natural Refrigerants in the EU

Mark Tomooka: A Manufacturing Approach to Building and Pro

Marc Chasserot: ATMOsphere America 2013: Summary Report

Muhammad Ali: State of the

Jan Boone: Market Overview









Janos Maté: Cool

Reinhold Resch: Natural

Javier Camargo:

Carlos Arruda: CO2

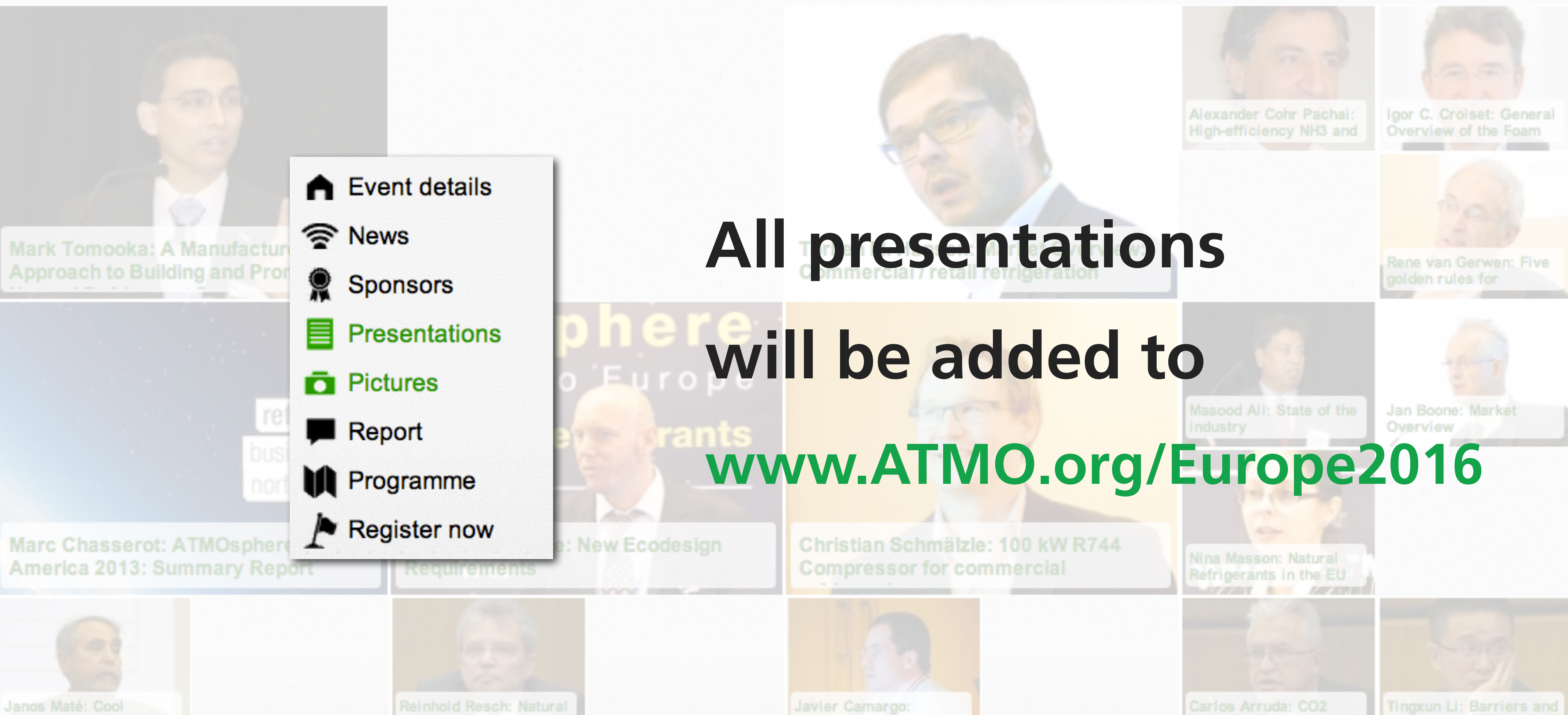
Tingxun Li: Barriers and

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All presentations

will be added to

www.ATMO.org/Europe2016





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

#ATMOCurope2016

@ATMOEvents





ATMOsphere Europe is the most comprehensive conference covering natural refrigerants in the industry - the 2016 event promises to be the biggest and most informative yet with more than 70 speakers, 30+ sponsors, a record number of retailers attending and presenting and policy and market experts from across the globe offering insights into the natural refrigerants market.



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 network:
kubi_MeetingRooms
Username: **ATMO2016**
Password: **SANDEN**



@atmoevents
#atmoeurope

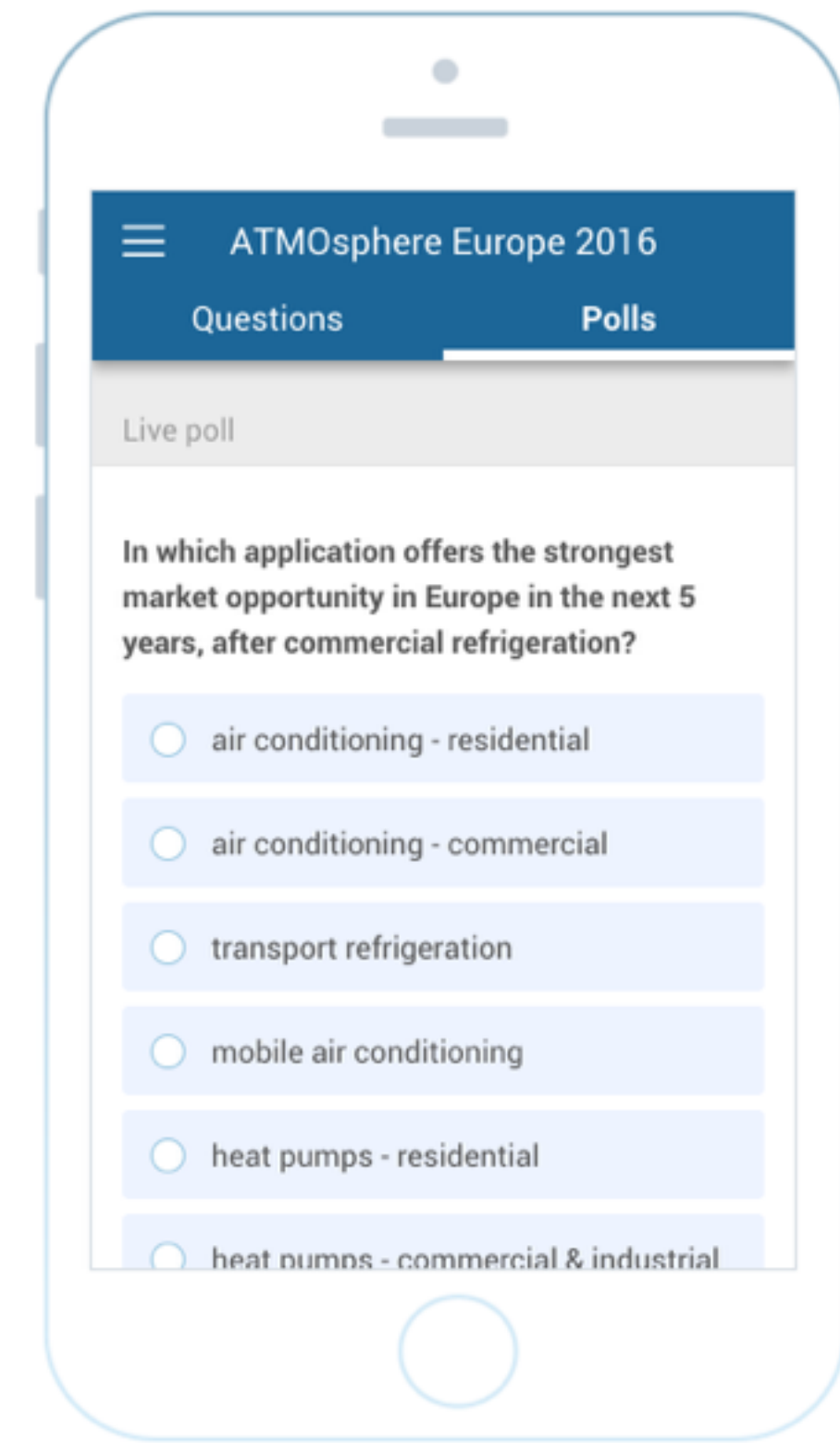
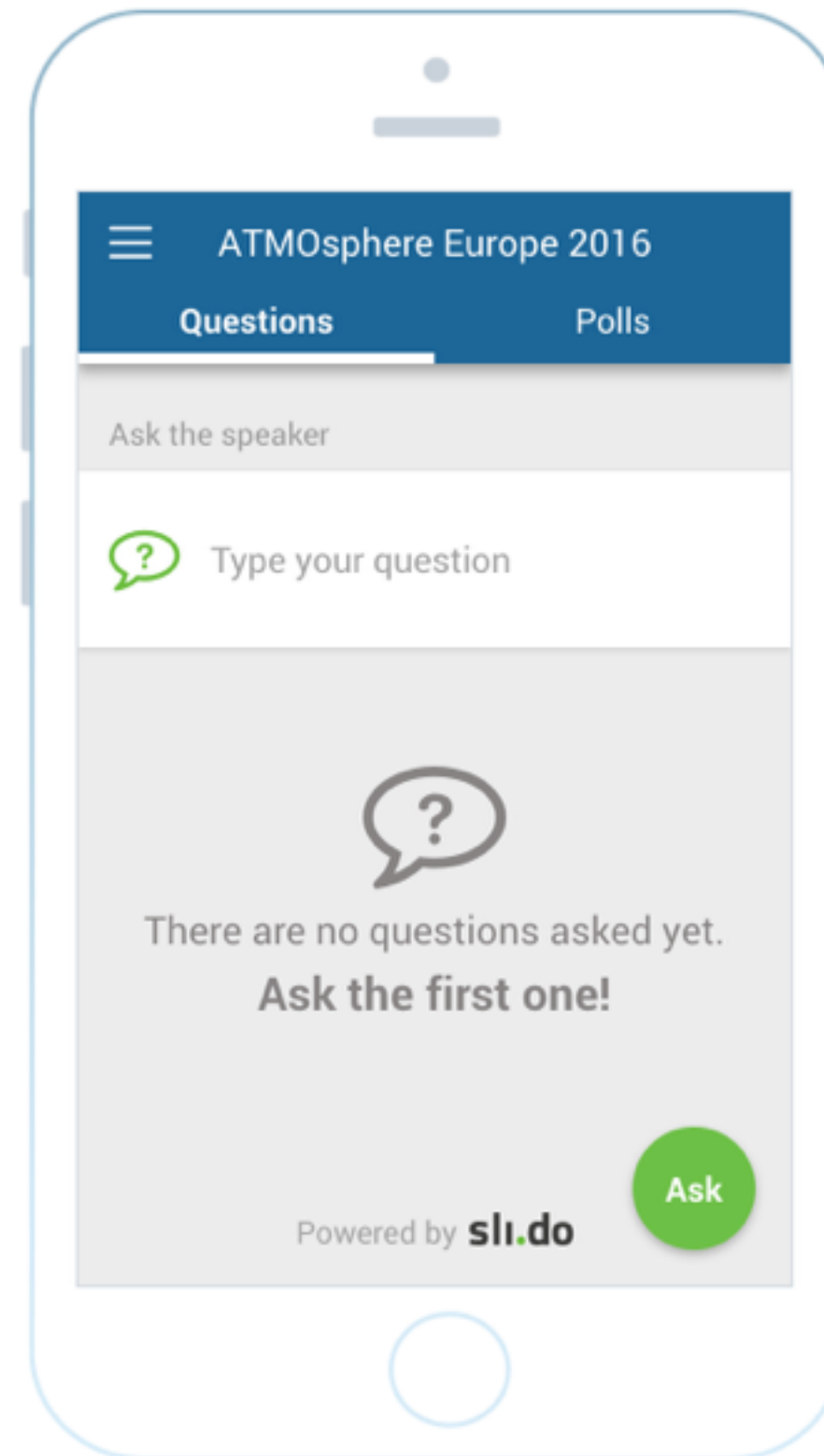
Wifi connection

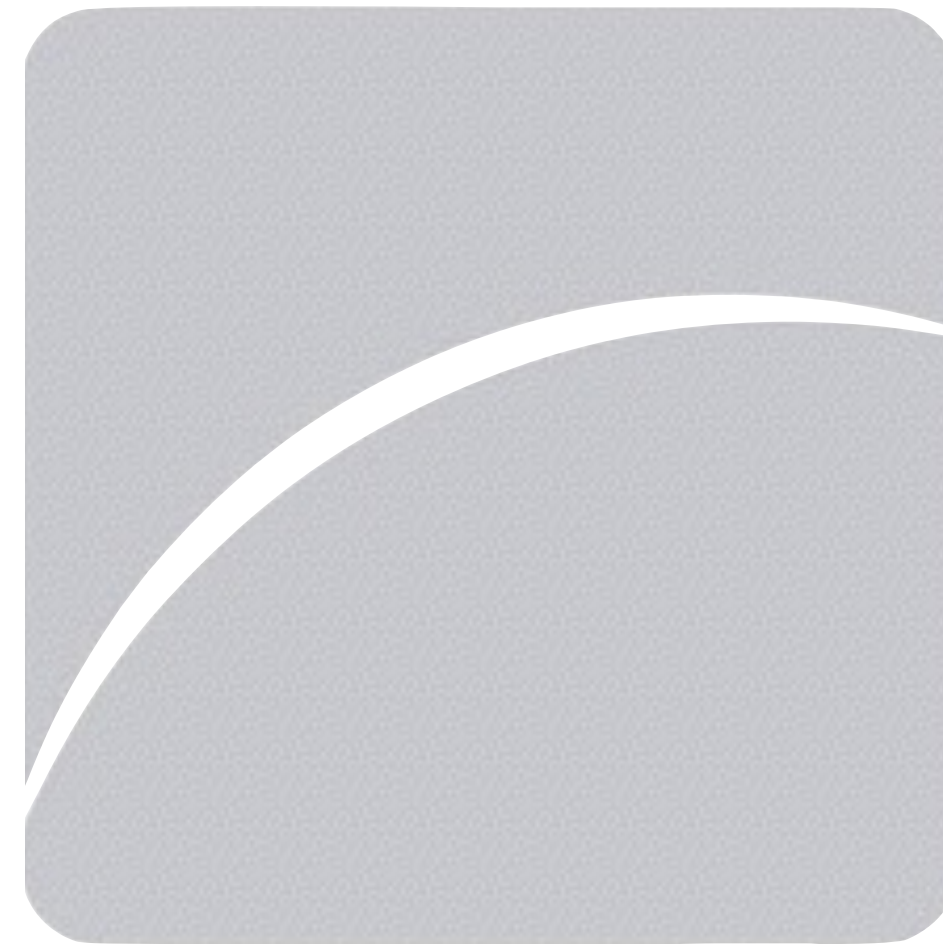


LUVATA
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#atmoeurope2016
Password: **LUVATA**





Programme Highlights Day 1

19 April 2016



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!