

California Air Resources Board discussion draft of updated AB 32 Scoping Plan

Comments by shecco

30 October 2013

Introduction - focus on “High Global Warming Potential Gases” (section 9 of draft AB 32 Scoping Plan)

shecco welcomes the opportunity to provide input to the discussion draft of the updated AB 32 Scoping Plan.

Our input relates to **section 9 “High Global Warming Potential Gases”** and more specifically page 44 of the draft which reads *“In spite of ARB efforts, significant obstacles remain for further reductions of HFCs, due to the diverse nature of sources. Substantial progress has been made in recent years in the development of low-GWP alternatives in the refrigeration and foam industries that can achieve significant reductions in the high-GWP sector. Low-GWP refrigerants and insulating foam are currently under evaluation to better understand their technical feasibility and cost effectiveness in various applications. Based on further analysis, ARB may develop programs to require low-GWP insulating foam materials and refrigeration systems that use either no HFCs or significantly reduced amounts of HFCs.”*

The use of HFC-free natural refrigerants in North America

We would like to draw your attention to two of our recent publications that relate to the use of HFC-free natural refrigerants in North America:

1. “GUIDE 2013: Natural Refrigerants - Market Growth for North America”: the attached report highlights market trends for sustainable refrigerants with very low Global Warming Potential, namely CO₂, ammonia, the various hydrocarbons, water and air. The publication focuses on the North American market, including the USA, Canada and Mexico, and analyses results from 550+ respondents about the industry’s level of familiarity with natural refrigerants, the use of natural refrigerant products today and the expected use tomorrow. (You can access the publication by following this link: http://www.shecco.com/files/guide_natural_refrigerants_north_america_2013.pdf)

2. ATMOSphere America 2013: The Business Case for Natural Refrigerants in North America (18 - 19 June 2013, Washington DC) - Conference Summary Report: The North American Conference on Natural Refrigerants was held from June 17-19, 2013 in Washington DC. Under the banner “The Business Case for Natural Refrigerants,” the event brought together around 200 industry experts from the HVAC&R (heating, ventilation, air conditioning and refrigeration) sector, including leading retailers, suppliers, engineering and consultancy firms and government representatives. The interactive forum, geared towards making natural refrigerant technology more visible to the global community, gathered presentations from over 40 speakers. It also included many networking opportunities, creating a unique space for fruitful

discussions to further spur the uptake of natural refrigerant (CO2, ammonia, hydrocarbons, air, and water) technologies.

(You can access the publication by following this link: http://www.atmo.org/files/reports/atmo_america_report.pdf)

About shecco

shecco is a market development company that works closely with over 100 progressive companies worldwide that endeavour to bring climate-friendly technologies faster to the market. In the sector of heating and cooling, our primary focus is to facilitate the market uptake of solutions based on natural refrigerants CO2, ammonia, hydrocarbons, water and air, or their combinations.

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