



Technical Meeting on HCFC Phase-Out *FINAL AGENDA*

April 5, 2008

Plenary: Opening Session (9:00 AM – 10:15 AM)

- Welcome and introduction to workshop objectives (Thomas Verheye, EC; Mark Wagner, ICF)
- Challenges and opportunities ahead (Marco Gonzalez, Ozone Secretariat)
- Overview of the problem: HCFC consumption, emissions, and intro to alternatives (Lambert Kuijpers and Paul Ashford, TEAP)
- Remarks from Multilateral Fund Secretariat (Maria Nolan)
- Remarks from Swedish EPA (Husamuddin Ahmadzai)

Plenary: Technical Case Studies I (10:15 AM- 11:45 AM)

Commercial Refrigeration

Moderator: Stephan Sicars, Multilateral Fund Secretariat

- R-22 retrofits with R-422D (Reiner Tillner-Roth, Epta)
- Retrofit and replacement options in commercial refrigeration (Mack McFarland, DuPont)
- CO₂ (R744) Supermarket Refrigeration in Australia (Álvaro de Oña, Shecco, on behalf of the Green Cooling Council)
- Hydrocarbons in small commercial systems (Heinz Jurgensen, Danfoss)
- Q&A

Lunch (on your own) (11:45 AM- 1:15 PM)

Plenary: Technical Case Studies II (1:15 PM – 2:30 PM)

Small/Medium AC & Heat Pumps

Moderator: Roberto de Aquiar Peixoto, Maua Institute of Technology (Brazil) and Coordinating Lead Author of AC Chapter of IPCC/TEAP, 2005

- Compressor reliability: HFCs in AC units (Hideto Nakao, Mitsubishi Electric)
- High efficiency technologies for small and medium AC units using R-410A (Yasutaka Yoshida, Hitachi Appliances)
- CO₂ heat pump water heaters (Shigeharu Taira, Daikin)
- Q&A

Coffee Break (2:30 PM- 2:45 PM)

Plenary: Technical Case Studies III (2:45 PM – 4:00 PM)

Other Refrigeration/AC

Moderator: Christianna Papazahariou, Secretary General of ECSLA

- Heat exchanger for natural refrigerants in high temperature conditions (Holger König, Jäggi/Güntner)
- CO₂ in vending machines (Daiki Shiomi, Sanyo)
- Hydrocarbon retrofits of large systems (Bruce Peak, Energy Resources Group)
- Q&A

<p>Plenary: Technical Case Studies IV (4:00 PM – 5:30 PM)</p> <p>Large AC</p> <p><i>Moderator: Dave Godwin, U.S. Environmental Protection Agency</i></p> <ul style="list-style-type: none"> • HFC Screw chillers (Jeff Moe, Trane) • Ammonia screw chillers (John Ansbro, Johnson Controls) • Q&A
<p>ADJOURN</p>
<p>Cocktail Hour (5:30 PM - 7:00 PM)</p>

April 6, 2008
<p>Plenary: (9:00 AM – 9:15 AM)</p> <ul style="list-style-type: none"> • Summary of yesterday's discussion (ICF International)
<p>Plenary: Technical Case Studies V (9:15 AM – 10:45 AM)</p> <p>Foams</p> <p><i>Moderator: Mike Jeffs, ISOPA, Lead Author of 2006 FTOC Report</i></p> <ul style="list-style-type: none"> • Rigid foam: experience in Latin America, Europe, and U.S (Paulo Altoe, Dow Latin America) • Polyurethane foam sector in China (Enshan Sheng, Huntsman) • Implications of replacing HCFC foaming agents (Ulrich Seeseke-Koyro, Solvay Fluor) • Replacing rigid foam manufacturing equipment in Article 5 countries (Rolf Bohländer, Hennecke and Jens Kompe, KraussMaffei) • Q&A
<p>Coffee Break (10:45 AM – 11:00 AM)</p>
<p>Project Implementation (11:00 AM – 12:15 PM)</p> <p><i>Moderator: Thomas Verbey, European Commission</i></p> <ul style="list-style-type: none"> • Factors to consider during project implementation • Lessons learned • Meeting country priorities <p>Presenters: World Bank, UNDP, UNEP, UNIDO</p>
<p>Wrap-Up (12:15 PM – 12:45 PM)</p>
<p>MEETING ADJOURNED</p>