



Ministerio de Ambiente
y Desarrollo Sustentable
Presidencia de la Nación



Commercial Refrigeration: Experiences on new Low-GWP Technological Alternatives

4 December 2017 – Buenos Aires, Cyan Hotel Americas Towers

6 December 2017 – Rosario, Holiday Inn

General Coordinator: **Professor Alberto Cavallini** – Honorary President of the International Institute of Refrigeration (IIR) and Professor Emeritus at University of Padua, Italy

8.30 - 8.55 **Participants Registration**

9.00 - 9.30 **Introduction**

Welcome Speech by MP OPROZ

Eng. Agr. Carlos Gentile, Undersecretary for Climate Change and Sustainable Development at the Ministry of Environment and Sustainable Development

Cooperation Program between Italy and Central and South American Countries

Dr. Bruna Kohan, Italian Ministry of the Environment, Land and Sea

9.35 - 10.10 **Montreal Protocol Impact in the Global Tendency use of Low-GWP Refrigerants**

Lic. Laura Berón, OPROZ Coordinator at the Ministry of Environment and Sustainable Development

10.15 - 10.40 **Low-GWP Alternative Technologies in the Food Cold Chain: the European and Italian Perspective along the Various Sub-Sectors**

Prof. Alberto Cavallini, Honorary President of the International Institute of Refrigeration (IIR)

10.45 - 11.00 **Coffee Break**

11.05 - 12.40 **Low-GWP Applications for Supermarkets: Experiences of Italian Companies in Europe**

Recent Trans-Critical Carbon Dioxide Systems: CO₂-Optimized Trans-Critical Booster, Ejector Technology and Water Loop System

Eng. Francesco Mastrapasqua, Refrigeration Systems Manager at EPTA

Sub-Critical Carbon Dioxide Systems for Medium and Large Supermarkets & Systems with Hydrocarbons

Eng. Adrian Muresan, Application Engineer at Officine Mario Dorin

Hydrofluoro-olefins (HFOs) for Commercial Refrigeration

Eng. Edoardo Monfrinotti, Account and Business Development Manager at Chemours Italy





12.45 - 13.45 **Lunch Break**

13.50 - 14.20 **Energy Saving Technologies for Alternative-Based Systems**
Dr. Miriam Solana Ciprés, HVAC/R Engineer at Carel Industries

14.25 - 15.35 **Developing Fit-for-Purpose Solutions to Satisfy Specific Needs of Commercial and Retail Operators in the Food Cold Chain**

Compressors

Eng. Sidney de Avelar Mourão, Product manager at Embraco

Heat Exchangers

Eng. Enrique Aparicio, Technical Director at LUVE Group

Gas Coolers

Eng. Gabriele Dal Belin Peruffo, Research Manager at Alfa Laval

15.40 - 16.10 **Good Practices for Training Commercial Refrigeration Technicians with Alternative Technology-Based Systems**

Eng. Marco Buoni, Technical Director at Centro Studi Galileo, Secretary General at ATF, Vice President International Affairs at AREA

16.15 - 16.30 **Coffee Break**

16.35 - 17.05 **Assessment of Performance and Costs Gained from Different Experiences in Italy with CO₂/HC Systems Used for Commercial Refrigeration in Supermarkets**

Eng. Fortunato Della Guerra, Technical Director at Inres Coop

17.10 - 17.35 **Carbon Dioxide and Other Natural Refrigerants Used in Commercial Refrigeration: Experience in México**

Eng. Gildardo Yañez, Technical Advisor for UNIDO

17.40 - 18.00 **OPROZ Current and Future Activities with Supermarkets**

Lic. Laura Berón, OPROZ Coordinator at the Ministry of Environment and Sustainable Development

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