

# Edoardo Monfrinotti

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## **Bio**

New European regulations are driving change in how Fluorochemicals are used to meet the needs of the cooling industry. Chemours is uniquely placed to support industry in meeting the environmental objectives under the F-Gas Regulation with a portfolio of Next Generation HFO-based low GWP alternatives designed to help industry transition to more sustainable solutions for its cooling needs. My role involves managing all the portfolio of customers in Italy, developing new business from existing clients, actively seeking new opportunities and ultimately bringing new solutions to my customers. I focus on developing strong relationships with customers, connecting with key business executives and stakeholders and informing sales and marketing strategies.

## **Abstract**

HFOs for Commercial Refrigeration

Due to the HFC phase-down schedule under the Kigali Amendment, the industries involved in the RAC sector will need to transition to alternative refrigerants. In this presentation, I will highlight R-404A, R-507A, R-22 and R134a alternatives, as well as the properties of Opteon™ low GWP HFO options and I'll explain how Opteon™ Refrigerants have helped the EU market achieve the environmental goals under the EU F-Gas Regulation.

In Europe, over 200 supermarkets and an additional 1,000 commercial refrigeration installations have already chosen products like Opteon™ XP40 by the end of 2016 as their refrigerant alternative of choice. To date, all retrofits to Opteon® XP40 have shown an improvement in refrigeration system power consumption compared with R-404A, R-507A and R-407F. This presentation will also highlight Opteon™ alternatives such as XP44 for transport and low-temperature applications and XP10 for cascade systems and chillers.