

## Plenary Lecture 4

### **Research and Status of the Transition to Low Global Warming Potential Refrigerants in Light Commercial and Residential Air Conditioning in the United States and Canada**

#### **Ms. Helen Walter-Terrinoni**

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Helen Walter-Terrinoni – The Air Conditioning, Heating and Refrigeration Institute VP Regulatory Affairs leads the Safe Refrigerant Transition Task Force

Helen holds a Master's degree in chemical engineering with a concentration in environmental engineering from Syracuse University. She started working for DuPont in 1995 at the DeLisle, Mississippi Titanium Dioxide plant where, in addition to her other responsibilities, she managed the Process Hazards Analysis process. She also managed the highly hazardous reaction and environmental production areas. She then held various technical, manufacturing and business roles.

Helen then spent seven years managing the fluorochemicals foam expansion agent business and the next generation, low global warming potential (GWP), foam expansion agent development program including the manufacturing plant design. She then managed Chemours Fluorochemicals Global Regulatory Affairs. She is currently a co-chair of the UN Montreal Protocol Foams Technical Options Committee and was the Science Advisor for The Alliance for Responsible Atmospheric Policy (The Alliance), and on the Board of the Association of Home Appliance Manufacturers (AHAM) as the Chair of the Supplier Division.

Helen's extensive experience in identifying, analyzing and mitigating risk, as well as her knowledge of fluorocarbons, makes her uniquely qualified to support the Safe Transition to low Global Warming Potential Refrigerants in addition to her other responsibilities as AHRI Vice President of Regulatory Affairs.

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## **ABSTRACT**

The transition to low global warming potential refrigerants will require the use of some refrigerants with different flammability characteristics. AHRI has completed a significant body of research into the flammability of refrigerants. The most recent project was completed to develop training for firefighters interested in the transition.