

ABSTRACT OF THE PRESIDENTS' PRESENTATIONS

THE TRANSITION TO ALTERNATIVE REFRIGERANTS: THE IMPACT ON NEW AND EXISTING SYSTEMS

Didier Coulomb | Director General | International Institute of Refrigeration (IIR)

Lower energy consumption and lower GWP refrigerants: the challenge at international, European and national levels

Refrigeration (including air conditioning, heat pumps, cryogenics...) needs are dramatically increasing. However, refrigeration represents 7,8% of global greenhouse gas emissions: 2/3 because of indirect energy emissions, 1/3 because of refrigerant emissions. We thus shall improve the energy efficiency of the systems, as well as avoiding as soon as possible the use of high Global Warming Potential refrigerants, in Europe now and soon in all other countries. The IIR is involved in these issues, at national, European and international levels.