

Safety and Training Considerations

Experience from West Asia



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Background

- Most of projects (RMPs/TPMPs/NPPs) included components on:
 - Incorporate safe use of natural refrigerants within the good practice training activities
 - Promote the development of relevant standards and codes
- Most of industries relied on CFC transferred to either HCFC or HFC options (except some foam industries used pentane)
- Very limited use of natural refrigerants in most RAC applications:
 - Very few amounts of domestic refrigerators imported to the region with R-600a
 - Almost no use of HC and CO2 in Com. Ref. and limited use of Ammonia due to special technical considerations

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Results

- Absence of applications results in:
 - Lack of technical capacities to promote installation, operation and service of systems with natural refrigerants
 - Absence of national standards and codes for equipment, containers and personnel deal with natural refrigerants
- Absence of international technology providers that promote the use of natural solutions in the region, even joint venture enterprises with global green policies does not enforce such policies to their regional partners
- Market reflectance, in time, to accept natural solution as reliable and safe options

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Recommendations

- Countries and agencies are requested to:
 - Assess seriously opportunity to promote natural solutions in different applications
 - Study carefully the readiness of different sectors to deal safely and efficiently with natural solutions
 - Implement pilot projects to promote and test the use of natural alternatives particularly in the RAC sectors
- International technology providers and companies are requested to provide competent technical assistance and presence in developing countries to create atmosphere of trust for the use of natural solutions





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Thank you very much for your attention