

# Challenges in using Low-GWP Refrigerants

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GILDARDO YAÑEZ – MEXICO

# Mexico refrigeration puzzle

Mexico has gone through the use of different refrigerants

A lot of the current refrigeration and air conditioning systems are not suitable for a refrigerant retrofit.

HCFC phase down has financial impact, operating equipment needs to be replaced.

A lot of R-22 is still in use in Mexico



HVAC&R Industry

Is in the search of the definitive or long term refrigerant.

The Industry does not want to change or keep changing refrigerants in the near future.

Large refrigerant consumers will need to use different types of refrigerants. They will be in the need to use the available refrigerant at the location where the system is.

The alternatives or new refrigerants are not available country wide

# Mexico refrigeration puzzle

## Training

Craftsmen's, Technicians and Engineers must be trained to use low-GWP refrigerants to meet with current HCFC phase-down and future HFC phase-down objectives

Mexico faces the same challenges as the rest of the world do.

Training is a must.

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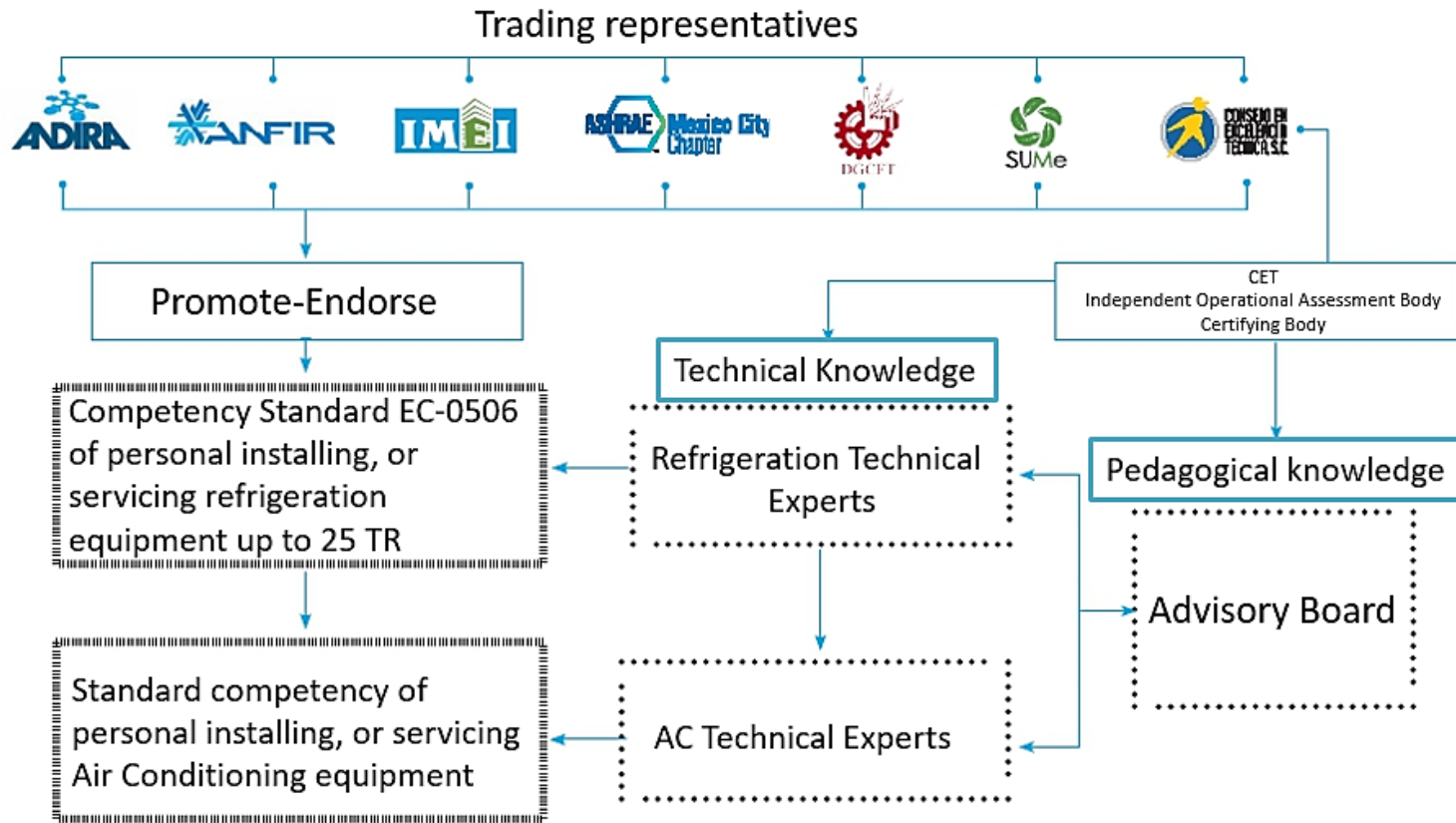
## Professional competence

The RACHP certification is not required to work in the trade.

Mexico has one Professional competence standard that should be aligned to International Standard's

## Competency Standard EC-0506

# Current operating general structure of EC-0506 Standard:



# Crossing the obstacles

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1

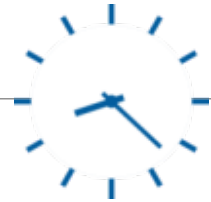
Mexico needs compulsory standards aligned to International Standards

2

We need to keep communicating the importance of this refrigerant transition to slow down global warming speed

3

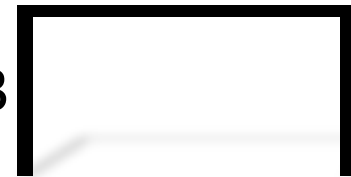
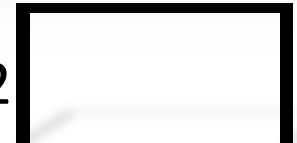
HVAC&R industry needs to be upskilled to use low-GWP & natural refrigerant equipment



Obstacle 1

Obstacle 2

Obstacle 3



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