



Compliance Assistance Programme

United Nations Environment Programme

UN Environment / AHRI initiative Refrigerants driving license (RDL)

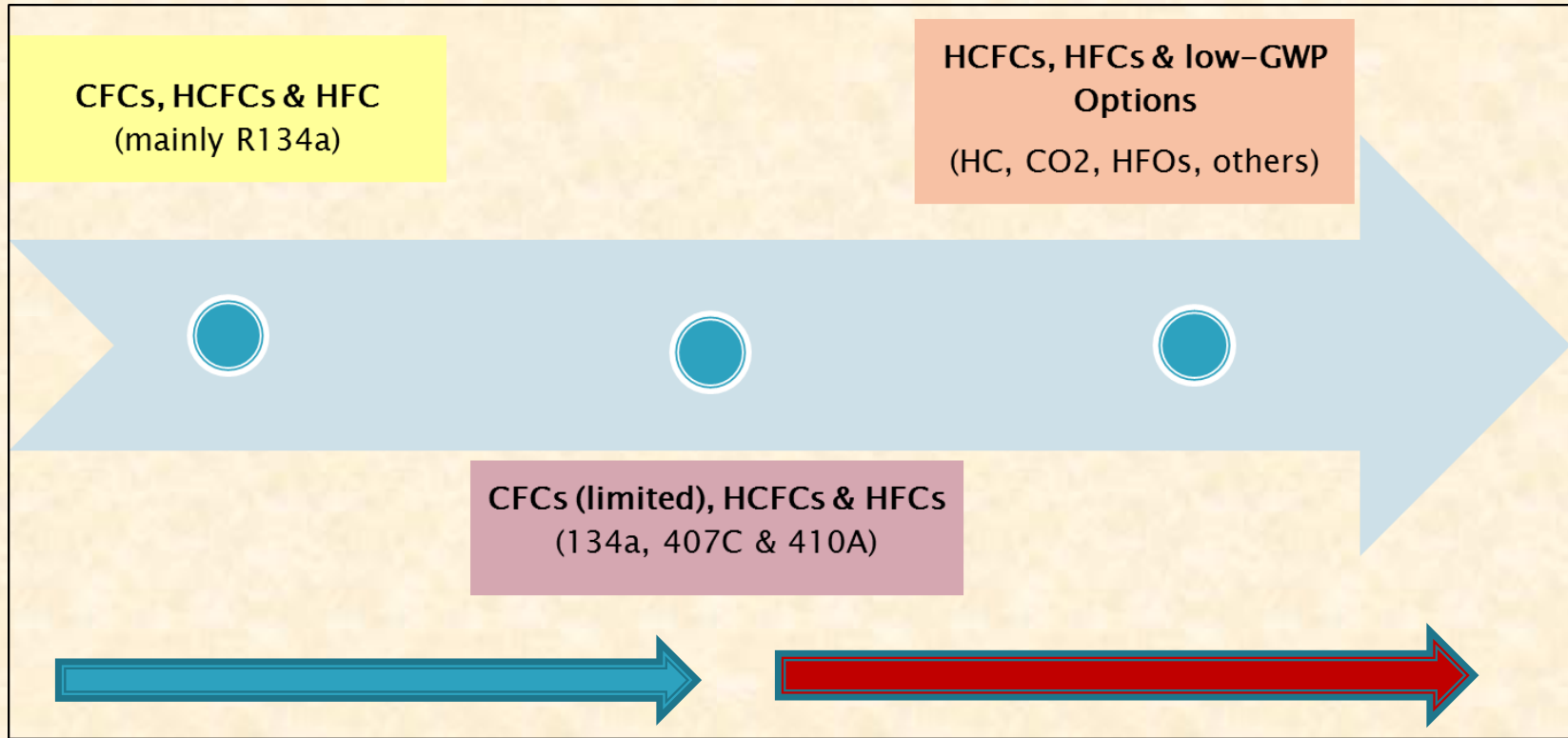
Halvart Koeppen, Coordinator of
Regional Ozone Network for Europe & Central Asia
UN Environment - OzonAction
Contact: halvart.koppen@unep.org



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Refrigerant progression



Plug & play period

Business not as usual



Challenges

- **Sound management of refrigerants**
 - Containment / emission reduction
 - **Safety**
- **Setting-up and enforcing national certification schemes**
 - Part of national professional competency certification programs or separate certification scheme
 - **Enforcement and sustainability** of national schemes
 - **Cross-border recognition** of national certificates
- **Absence of a global approach within the refrigeration industry**





Approach

➤ Partnership with **AHRI**

- Refrigeration industry to promote common approach and to coordinate with **industry associations**
- UN Environment to support the institutional setup linked to refrigerant management





Approach

➤ International advisory committee

- **Brazilian** refrigeration association ABRAVA
- **Columbian** refrigeration association ACAIRE
- Air Conditioning and Refrigeration **European** Association AREA
- **American** Society of Heating, Refrigerating and Air-Conditioning Engineers ASHRAE
- **European** Partnership for Energy and the Environment EPEE
- **Japan** Refrigeration and Air Conditioning Industry Association JRAIA
- Refrigerants **Australia**
- The Alliance
- **China** Refrigeration and Air-conditioning Industry Association CRAA

➤ Advisory committee is open for interested partners





Approach

- **Globally recognized qualification programme**
 - Setting **minimum qualification requirements** for the sound management of refrigerants
 - Developed and **managed by the refrigeration industry** and enforced through its business networks
 - Not replacing existing certification schemes
 - **Recognizing existing qualification schemes** that meet the minimum skills / competencies





Stage I: Development (2016-2017)

➤ Technical scope

- Assessing existing industry qualification programs
- Analyzing training / qualification gaps
- Drafting outline of required skills / competencies

➤ Classifications / categories

- Designing technical modules for each category
- Drafting assessment / evaluation units for each module

➤ Operating scheme

- Criteria for admission, registration, training, evaluation and certification of individuals and companies





Stage II: Review and piloting (2017 – 2018)

- **Review**
 - Technical modules
 - Assessment / evaluation units
 - Operating scheme for admission, registration, training, evaluation and certification
- **Initiating the pilot program**
 - Sectorial and geographical distribution
- **Finalizing the modules and operating scheme**





Stage III: Launch and outreach (2018 onwards)

➤ Launch of RDL at global level

- Support to national / regional associations to adopt and conduct outreach campaign to ensure wider participation
- Business model for sustained operation of the RDL





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1. Can you imagine that RDL will be widely introduced in your country ?
2. What could be barriers to the introduction of RDL in your country ?
3. How RDL could be linked to your national certification scheme already in place ?
4. Could RDL be promoted through the national refrigeration association or the HCFC phase-out project in your country ?
5. Would you be interested to participate in piloting the RDL in 2017 – 2018 ?

Note: China included RDL in stage II of its HCFC phase-out plan





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**Thank you
for your attention !**



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