



Support at National Level of F-gases

Intervention at

Technical Expert Meeting on Non-CO₂ gases

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Introduction

- Fluorinated hydrocarbons - F-Gases - belong to the same group of halogenated hydrocarbons as CFC, HCFC (regulated under the Montreal Protocol)
- They are predominantly produced for specific uses such as
 - Refrigeration, air conditioning and mobile air conditioning
 - Foam blowing for
 - soft foams (e.g. mattresses)
 - rigid PU foams (e.g. refrigerator insulation)
 - XPS foams (e.g. building insulation)
 - Aerosols, including technical aerosols and medical applications
 - Solvents
 - Chemical processes, e.g. use as process agents, but also unintentionally produced substances (HFC-23, CTC)
- Experience from CFCs and HCFCs indicates possible support for F-Gases

Types of support

- **Government**
 - Government focal point (equipment, funding)
 - Formulation of legal documents
 - Awareness-raising – both of the public and specific groups
 - Enforcement - customs, environmental enforcement agencies
 - Education - vocational schools, trade schools,
 - Expert advice related to various issues
- **Industry and craftspeople**
 - Demonstration projects (validation, adaptation, development)
 - Conversion projects targeting all eligible enterprises
 - Technicians, in particular in refrigeration/air conditioning sectors

How is the support actually delivered (I)

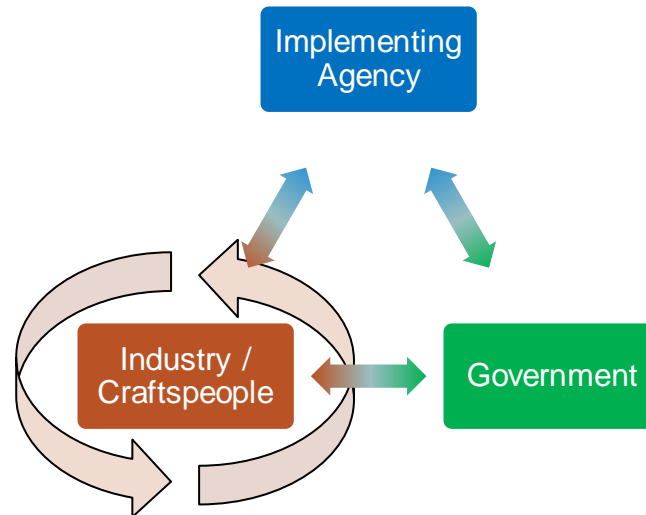
- The government official designated is being trained and equipped, work is supported with a small budget
- Technical and project managing experts from implementing agencies undertake missions to inform, advise, establish framework
- National consultants undertake surveys
 - Legal framework
 - Enforcement structure
 - Industry structure, by sector
 - Service sector structure (refrigeration, air conditioning)

How is the support actually delivered (II)

- Formulation, endorsement of a national plan
 - Objective: Achieving all compliance objectives; plan minimum up to next compliance milestone
 - Need assessment and prioritization
 - Quantification (approx.) of support needed
 - Milestones
- Elements of the plan and funding needs are being assessed, negotiated and approved, often in scheduled tranches against performance (Multilateral Fund, GEF)
- Implementation resources are established, e.g. general contracts and agreements, project management unit
- Activities are implemented (conversions, training, ...)
- Regular reports and assessments (-> performance!)

Final remarks

- National plans - successful and proven tool for more than 150 countries
- Partnerships



- Long term relationships supporting implementation
- In several sectors, non-HFC technologies are currently being implemented; in foam and refrigeration almost exclusively