



Sub-Regional Meeting of the English Speaking Caribbean and Haiti Ozone Officers Network

UNIDO's Programme

Montreal Protocol Branch

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Ongoing HCFC Phase-out Management Plans

Country	Date approved	Type of project	Funds (US\$)
The Bahamas	65th ExCom Mtg (Nov 2011)	HPMP: Stage I (2011-2020)	308,320
Saint Lucia	64th ExCom Mtg (July 2011)	HPMP: Stage I (2011-2020)	210,000
Saint Vincent and the Grenadines	64th ExCom Mtg (July 2011)	HPMP: Total Phase-out (2011-2025)	469,915
Suriname	65th ExCom Mtg (Nov 2011)	HPMP: Stage I (2011-2020)	210,000



HCFC Phase-out Management Plans

- First stage: up to 2020 to meet 35% reduction target, with the exception of St. Vincent – Complete phase-out by 2025
- UNIDO: Technical assistance, supply of servicing equipment in refrigeration servicing sector (INV)
 1. Initial review of TPMP activities
 2. Identify complimentary needs
 3. Analyze specific characteristics for each country
 4. Constant monitoring of low GWP technologies (Hydrocarbons, HFO, CO₂, etc.)



Generic Action Plan

UNIDO

Technical Assistance

- Organization of international bidding for the procurement;
- Preparation of the Terms of Reference and the Technical Specifications;
- Distribution of the equipment: refrigerant recovery machine, recovery cylinders, refrigerant identifiers, tools to prevent leakage and spares;
- Monitoring of the project implementation;
- Preparation of the project completion report.

UNEP

Capacity Building
Public Awareness
Project Monitoring, Coordination and Reporting
Demonstration Project (SVG)
Policy Regulations (SVG)

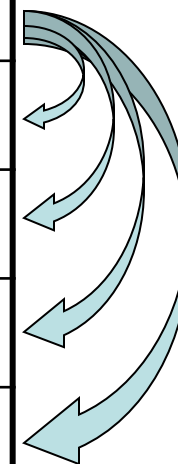


The Bahamas

HCFC Phase-out Schedule



Year	Allowable Consumption (ODP tonnes)
2013	4.81
2015	4.33
2020	3.13
2030	0.12
2040	0



- 10 %
- 35 %
- 97.5 %
- 100 %



Implementation Modalities

The Bahamas

Overarching Strategy

- Keep a close watch on commercial availability of new non-ODS low GWP technology, particularly in comfort cooling applications and evaluate its practicality in The Bahamas's specific circumstances.

Country Specific Feature

- Technical assistance between 2011-2016;
- Urgent need for recovery equipment and tools;
- Transition to R-410A imposed by the market;
- R-290 and R-407C for the retrofit of HCFC-22 based systems.

Plans

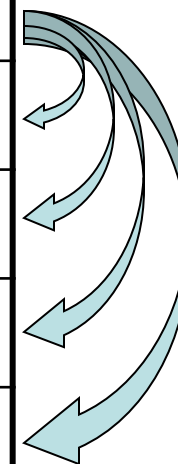
- Launch in the second quarter of 2012.



Saint Lucia

HCFC Phase-out Schedule

Year	Allowable Consumption (ODP tonnes)
2013	0.92
2015	0.8
2020	0.6
2030	0.023
2040	0



-10 %

-35 %

-97.5 %

-100 %



Implementation Modalities

Saint Lucia

Overarching Strategy

- Further adjustments in the strategy will be made when the implementation of Stage I is completed.

Country Specific Feature

- Technical assistance between 2011-2020;
- Based on the lessons learnt from the CFC phase-out, the HPMP included training for handling, care, maintenance, repair, as well as provision of recovery machines.

Progress

- Project was launched in 2011; ToR and Technical Specifications are prepared; Distribution of equipment is happening soon.

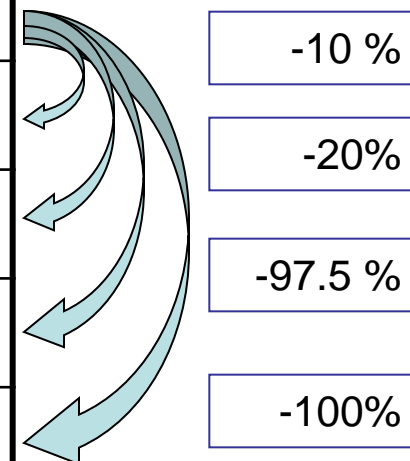


Saint Vincent and the Grenadines

HCFC Phase-out Schedule



Year	Allowable Consumption (ODP tonnes)
2012	0.3
2013	0.27
2015	0.24
2020	0.0075
2025	0





Implementation Modalities

Saint Vincent and the Grenadines

Overarching Strategy

- Single-stage approach to achieve complete phase-out of HCFCs by 2020 with a 2.5 per cent servicing tail to 2025. The strategy was developed based on a broad consultation with stakeholders.

Country Specific Feature

- Technical assistance between 2011-2015;
- The country will pursue long-term emission mitigation by promoting low GWP non-HCFC refrigerants;
- The energy consumption in the retrofitted installations will be monitored, allowing assessment and further improvement.

Progress

- Project was launched in 2011; ToR and Technical Specifications will be prepared after mission; Distribution of equipment will happen late 2012 /early 2013.

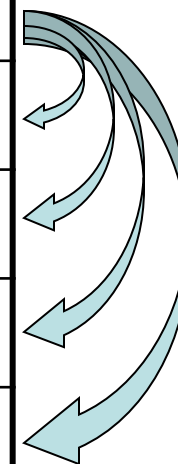


Suriname

HCFC Phase-out Schedule



Year	Allowable Consumption (ODP tonnes)
2013	1.98
2015	1.782
2020	1.287
2030	0.0495
2040	0



-10 %

-35 %

-97.5 %

-100 %



Implementation Modalities

Suriname

Overarching Strategy

- The overarching strategy is based on the synchronization of the technology choices and the technical capacity building of trainers and technicians. Changes and fine tuning in the strategy can be done as the circumstances require.

Country Specific Feature

- Technical assistance between 2011-2020;
- As and when new low GWP technologies are commercially available, new recovery equipment and specialised tools may be required after the first tranche.

Plans

- Project will be launched in the second part of April. ToR and Technical Specifications will be prepared after mission; Distribution of equipment will happen late 2012 /early 2013.



Cooperation with UNEP

- Complementary work
- Close coordination of activities
- Experience in West Asia (Iraq, Kuwait, Bahrain, Yemen, Qatar, Oman, Saudi Arabia) and Africa



Thank you!

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