

Hydrochlorofluorocarbon Phase-out Management Plan (HPMP) Project for St. Vincent & the Grenadines (SVG)

OVERVIEW

SVG's HPMP Project was approved by the Executive Committee of the Montreal Protocol for a grant of US\$526,040.00 for the total accelerated phase-out of HCFCs by 2025. The project addresses the protection of the Ozone Layer, the introduction of Energy Efficient, Ozone and Climate Friendly alternatives to Ozone Depleting Substances (ODS) and outlines strategies, project activities and budget for achieving the phase out of HCFCs in SVG as mandated by the Montreal Protocol.

The following are the key components forming the action plan for accelerated phase-out under the HPMP:

1. Training

The accelerated phase-out of HCFCs will result in the phase-out of consumption and imports of HCFCs and HCFCs containing equipment by 2025 and replacing the latter with alternatives which are environmentally friendly and energy efficient. These alternatives demonstrate SVG's commitment to sustainability and leadership as it faces the challenges posed from Climate Change. To achieve this status, capacity building and the provision of technical support to a number of key stakeholders is an important initiative to enhance stakeholder's ability to handle new refrigeration technologies. This strategy includes:

- a. Train the trainers
- b. Training of Technicians
- c. Training of Customs Officers
- d. Training of importers in handling and storage of natural refrigerants

2. Pilot retrofit project

The pilot retrofit project will act as a catalyst for others in the industry to initiate retrofitting procedures to their HCFC equipment therefore converting existing equipment to a suitable natural refrigerant or low GWP alternative.

3. Awareness Campaign

Awareness activities are of vital importance to the successful implementation of the accelerated phase-out of the HCFCs. It involves the sensitization of importers, end users, refrigeration and air-conditioning service and maintenance workshops, academia, NGOs, environmental groups and the general public. This strategy includes:

- a. Public awareness
- b. Development of Literature
- c. Seminars/Workshop

4. Policy and Legal framework

The National Ozone Unit is the entity which coordinates the national activities as it relates to the HPMP. The unit liaises with its associates in order to create an environment which supports the phase-out of HCFCs in accordance with the phase-out schedule. The institutional and policy framework enables the achievement of an environment which facilitates the reduction in the consumption of HCFCs in accordance with the phase-out schedule. It also adopts the necessary policies to support the phase-out of HCFC consumption and provide support to technicians, importers and various stakeholders to allow for the effective functioning within an environment of reducing HCFC supplies. This strategy includes:

- a. The Amendment of the Ozone Depleting Substance regulation
- b. Development of Standards in the Refrigeration and Air-condition sector
- c. Mandatory reporting, registration and certification
- d. Tax incentives
- e. Stakeholder Consultation

5. Project coordination and Management

The full implementation and success of the HPMP can only be achieved through good coordination and management. The NOU continues to play a pivotal role in the success and functioning of the project, this is integral in achieving the desired results as outlined in the HPMP. The strategies include:

- a. Coordination and management tools
- b. Monitoring and evaluation

- c. Reporting
- d. Data collection

Table 1: HPMP reduction target

| Montreal Protocol Article 5 Countries Phase-out schedule of annex C substances | | | | Phase-out Schedule of annex C substances. HPMP of St.Vincent and the Grenadines | | | |
|---|--------------------------------|---------------------|--------------|--|------------------------------|---------------------|-------------|
| Year | % of Phase-out from Baseline | Baseline 5.13 mt | ODP (mt) | Year | % of Phase-out from Baseline | Baseline 5.13 mt | ODP (mt) |
| 2012 | | | | 2012 | Freeze | | |
| 2013 | Freeze | 5.13 | 0.28 | 2013 | 10% | 5.13 | 0.28 |
| 2014 | | | | 2014 | | | |
| 2015 | 10% | 4.617 | 0.254 | 2015 | 18% | 4.21 | 0.23 |
| 2016 | | | | 2016 | 28.4% | 3.67 | 0.20 |
| 2017 | | | | 2017 | 38.8% | 3.14 | 0.17 |
| 2018 | | | | 2018 | 49.2% | 2.52 | 0.14 |
| 2019 | | | | 2019 | 59.6% | 2.07 | 0.12 |
| 2020 | 35% | 3.33 | 0.183 | 2020 | 70% | 1.54 | 0.08 |
| 2025 | 67.5% | 1.67 | 0.092 | 2025 | 100% Phase-out | 0.00 | 0.00 |
| 2030 | 97.5% Full Phase-out | 0.128 | 0.007 | 2030 | | | |
| 2040 | 100% Phase-out | 0.00 | 0.00 | 2040 | | | |