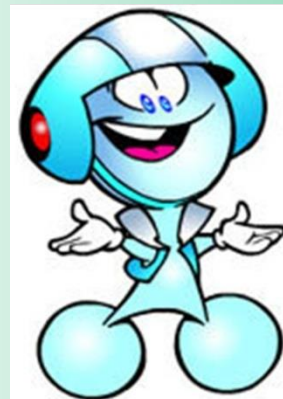




**THE DEPARTMENT OF THE ENVIRONMENT
(DOE)**

**MINISTRY OF FORESTRY, FISHERIES AND
SUSTAINABLE DEVELOPMENT**

Ozone Project





Belize HPMP Implementation Status



**Caribbean Ozone Officer and Haiti Regional Network Meeting
April 7-11, 2014**



HPMP Implementation Status

HPMP

- Hydrochlorofluorocarbons (HCFC) Phase-out Management Plan (HPMP) of Belize was approved in the 62nd Meeting of the Multilateral Fund Executive Committee in November 2010
- Officially launched its HPMP on May of 2011.





HPMP Implementation Status

HPMP

1. Technical Assistance:


Sub Components	Status/Progress
1. Technical Capacity Development	<p>1. A one day Technicians trainings was executed: (Jan – March) Total: 75 technicians trained</p> <ul style="list-style-type: none">• OW – Jan 22, 2013• SP – Feb 1, 2013• Bze City – Feb 7, 2013 & March 14, 2013• Cayo – Feb 19, 2013• Stann Creek – March 1, 2013



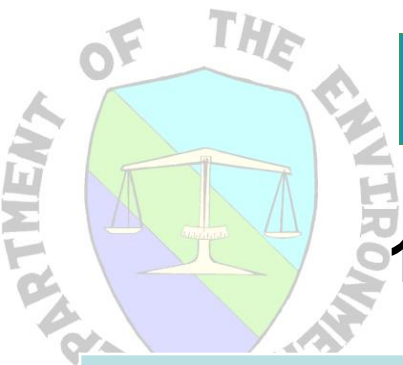


HPMP Implementation Status

1. Technical Assistance:

Sub Components	Status/ Progress
1. Technical Capacity Development	<p>2. Train the Trainers workshop on was executed: (End Jan)</p> <ul style="list-style-type: none">• The 5 day workshop saw the participation of 13 trainers . 





HPMP Implementation Status

1. Technical Assistance:

Sub Components

1. Technical Capacity Development



Status/Progress

3. Three training workshops for technicians in the use and application of Low GWP alternatives (including HCs) to HCFCs (Feb –March 2014)
Total: 78 technicians trained

Belize City – February 10-12, 2014 and February 17-19, 2014 **(27 technicians)**

Orange Walk Town – February 24-26, 2014 and March 3-5, 2014 **(26 technicians)**

San Ignacio Town – March 11-13, 2014 and March 24-26, 2014. **(25 technicians)**

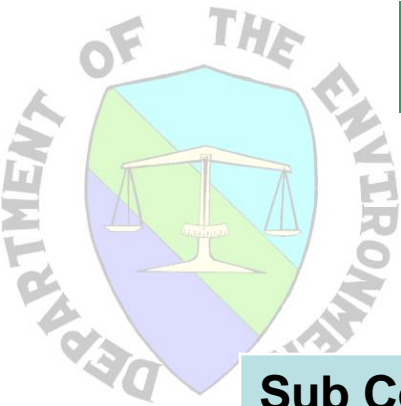


HPMP Implementation Status

1. Technical Assistance:

Sub Component	Activity	Status/Progress
4 . Refrigeration and Air conditioning Excellence centre and development of national expertise capacity	1. Development of the internet website for ARACT	In progress - 3 Meetings held with ARACT – working on the terms of reference for the development
	2. Sourcing of information for Excellence Center , Expert t trials and visiting of enterprises	Complete Early 2014 started working along with the 3 ITVETS – handed over equipment (Feb & March) – Trials with AC's and refrigerators using HC's





HPMP Implementation Status

2. Policy and Institutional Framework:

Sub Components	Status/Progress
5. High Efficiency HCFC phase out synergy in the Tourism and Hotel sector	<p>Partially complete</p> <ul style="list-style-type: none">- One un official meeting held with the hotel association – requested partnership with the sector to sensitize on the benefits and potential challenges which may arise during the transition of the phase out of HCFCs- Pending – brochures and other awareness materials to encourage the phase out of HCFCs in the hotel sector





HPMP Implementation Status

2. Policy and Institutional Framework:

Sub Components	Status/Progress
6. Improved Policy and Legal Framework to support HCFC Phase Out	<ol style="list-style-type: none"><li data-bbox="846 572 1843 901">1. A policy directive to amend the current legislation was approved by cabinet (reflect the accelerated phase out schedule for HCFCs, quota system for HCFCs importation and HCFC based equipment. (2012)<li data-bbox="846 915 1765 1015">2. The HCFC importers to be part of quota system were selected.<li data-bbox="846 1029 1682 1129">3. Quota system is being implemented informally.<li data-bbox="846 1143 1721 1300">4. Various drafts of the amendment to establish the quota systems has been developed.





HPMP Implementation Status

2. Policy and Institutional Framework:

Sub Components

7. Capacity Building for Enhanced Control of Trade of HCFC based substances and Equipment



Status/Progress

1. Held Train the Trainers Refresher Programme:

- **October 2012)**

Over **40** enforcement officer were trained (Customs, BDF, Police, Forensic Lab etc)

- **January 2013**

Three trainings at the points of entry
Santa Elena: Jan 24, 2013 and Feb 5, 2013

Big Creek: Jan 29, 2013

Punta Gorda: Jan 30, 2013



HPMP Implementation Status

3. Monitoring, Evaluation and Reporting:

Sub Components	Status/Progress
8. Monitoring, Evaluation and Reporting	<p>1. Conducted monitoring of exercise which aimed to identify whether there were any stockpiles of CFC refrigerants in the market and to develop an inventory of stockpiles of HCFC being sold in the market. (April 2013)</p> <p>Assessment results:</p> <p>1. Assessment of CFC Inventory: CFC-12 is the only CFC available on the market.</p> <ul style="list-style-type: none">• CFC-12 was found at L & R Imports, Orange Walk Town. As per the CFC Inventory results this company didn't had CFC-12 at the time of the survey. The retailer has 120 lbs (4 cylinders of 30 lbs).



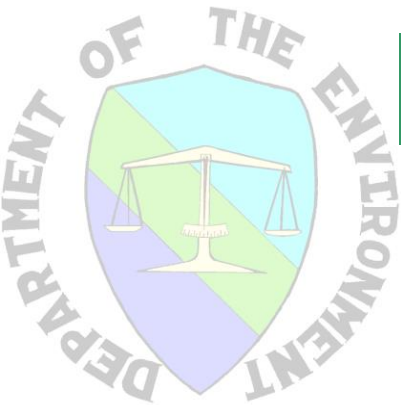


HPMP Implementation Status

3. Monitoring, Evaluation and Reporting:

Sub Components	Status/Progress
3.1 Monitoring, Evaluation and Reporting	<p>Assessment results:</p> <ul style="list-style-type: none">• One Super Store Hardware located on Central American Boulevard is selling R-12 in 1 kg can. ✓ 9 kg of R-12 on stock (2011 = 28 kg)• Stann Creek and Toledo reported zero CFCs.• Cayo District – no stockpile of CFC (All CFC used)• Corozal reported 21 one Kg cans of Genetron R12 (valves appeared rusty) (21 Kg) <p>Total CFC stockpile: 84.5 Kg</p>





HPMP Implementation Status

3. Monitoring, Evaluation and Reporting:

Sub Components	Status/Progress
3.1 Monitoring, Evaluation and Reporting	<p>2. HCFC Inventory of Stockpiles:</p> <p>I. R-22</p> <ul style="list-style-type: none">• OW – 191 lbs R-22• CZL – 40 lbs R-22• BZE – 12,935 lbs R-22• Cayo – 275 lbs R- 22• Southern Dist. – 136 lbs R-22• TOTAL: 13,577 lbs (6.16 MT) <p>II. R-141b</p> <ul style="list-style-type: none">• Cayo – 50.35 lbs





HPMP Implementation Status

3. Monitoring, Evaluation and Reporting:

Sub Components	Status/Progress
3.1 Monitoring, Evaluation and Reporting	<p data-bbox="710 639 1812 739">3. Retail prices of R-22, R-141b, R-134a, R-404a and R-410a:</p> <ul data-bbox="710 753 1812 1089" style="list-style-type: none"><li data-bbox="710 753 1812 911">➤ HFC-134a imports come from China and are prized relatively cheaper than imports from Mexico.<li data-bbox="710 925 1812 1089">➤ While alternatives to ODSs are widely available, the prices of the alternatives are significantly higher than that of HCFC-22.



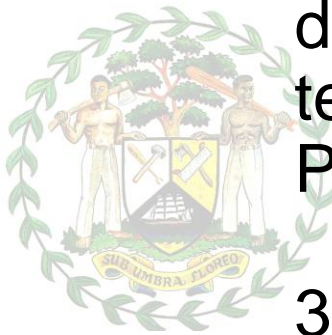


Challenges

1. HPMP co-funding from Switzerland not received and therefore not all components of the HPMP are properly executed.

2. The ARACT is an integral body for a successful implementation of the HPMP, but assistance from the ARACT is coming slow. As a result, the deliverables of the HPMP are hindered due to RAC technicians unwillingness to form part of the Ozone Protection Family. (Component 4)

3. The drafting of the amendment of the legislation to establish the HCFC quota system was not prioritized by the SOLGEN Office.





THANK YOU!

Email:

doe.ozone@ffsd.gov.bz