

## MOST COMMON ODS IN FIJI

- *HCFC 22*
- *Methyl Bromide*
- *HCFC 406A  
(Blend)*

## ALTERNATIVES INTRODUCED INTO THE MARKET

*R410*

*R32*

*R600A*

*R290*

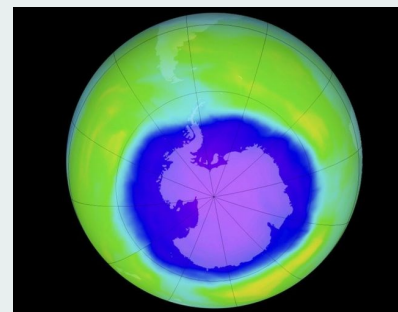
## EQUIPMENTS THAT USE HCFCs/ ALTERNATIVES

*Air-conditioning  
Units &  
Refrigerators,  
Chillers, Freezers, Ice  
machines*

Ministry of Environment  
Ozone Depleting Substances Unit  
19 MacGregor Road  
Suva

Phone: 679-331-1699  
Fax: 679-331-2879

## HCFC Phase-out Management Plan (HPMP) Project



**Multilateral Fund**  
for the Implementation of the Montreal Protocol

**UN**  
environment  
United Nations  
Environment Programme



Ministry of Environment  
*Caring For Fiji's Environment*



## HCFC Phase-out Management Plan Project

The Government of Fiji acceded to the Vienna Convention for the Protection of the Ozone Layer and the Montreal Protocol for the Phase-out of Ozone Depleting Substances (ODS) in 1989. Fiji operates under Article V (1) of the Montreal Protocol (MP).

The 19th Meeting of the Parties to the Montreal Protocol in September 2007, through its Decision XIX/6, adopted an accelerated phase-out schedule for HCFCs.

Considering the increasing demand for HCFCs, and the imminent restrictions on HCFCs, including the 2016 freeze in consumption for Article-5 countries, it was necessary to address the technology and environmental issues arising from HCFC use reductions. Thus the development of HCFC Phase-out Management Plan (HPMP) was initiated.

## HPMP PROJECT – FIJI

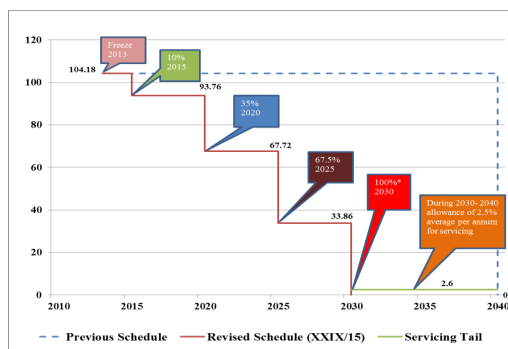
Fiji confirmed its commitment to the Montreal Protocol and compliance with the targets specified in Decision XIX/6 whereby the HPMP Project for Fiji was initiated.

Fiji agreed to adopt the HPMP strategy whereby it:

- Ensured systematic reduction in dependence on HCFC based technologies products;
- Timely phase-down of HCFC consumption inline with Fiji's targets as Decision XIX/6

Assists the industry through supportive measures for adoption for Ozone and Climate Friendly alternatives.

Fiji's Baseline Survey for HCFC was done in 2009-2010. This was later revised through Decision XXIX/15 in 2015 with the revised amount of 104.18MT (5.73 ODP tonnes).



This project would see to total phase-out of HCFCs by 2031 while a 2.6% will be left as servicing tail for HCFC chillers (currently in-operation) till 2040. In doing so, the following objectives would be achieved:

- Adhering to Fiji's obligations under the Vienna Convention and the Montreal Protocol; and
- Compliance to the ODS Act 1998 and Regulations 2010.

The phase-out programme has begun since 2013 and Fiji is currently on a 10% drop from 104.018MT for 2018 with a baseline of 93.76MT.

## CONTROLLING DEMAND FOR HCFC IN FIJI

### Regulatory Interventions

- Licensing and Permitting System for the control of ODS including HCFC is in place through the ODS Act 1998. This includes technicians and companies that handle, store, import and export HCFC are required to have a license/permit issued by the Ministry of Environment.
- Quota distribution for HCFC is issued yearly based on the baseline each year to Importing companies registered under Ministry of Environment.

### Technical Assistance

- Procurement of equipment/tools to assist RAC industry recover and reclaim HCFCs;
- Capacity building for service technicians on HCFC free alternatives and maximise recovery and reclamation of HCFCs
- Training of service technicians on good servicing practices of HCFC free alternative equipment

### Awareness

- Awareness and information outreach for HCFC phase-out and adoption of HCFC free alternatives.



*A technician servicing an outside air-conditioning unit with HCFC-22*