

# Integrating Commodity Tracking Systems to Strengthen the Health Supply Chain



In 2005, Patient Information Management System (PIMS) was implemented to track the number of patients in the HIV program and on treatment. Logistics data, including reliable morbidity and consumption was lacking in this version.

In 2009, SCMS, the Ministry of Health and the Botswana Harvard Partnership collaborated to address PIMS data gaps to develop PIMS II.

## A partnership to build a better tool

SCMS supports the MOH technical team by applying best practices in updating PIMS to PIMS-II and rolling out the software to ART facilities by facilitating the following activities:

- Analysis of requirements and facilitation of improvements to capture treatment regimen and logistics data
- Recruitment of HR for software development, testing core functionalities and documenting the system
- Organization of pharmacy and clinical core groups meeting to provide inputs for the revised system
- Establishment of a help desk to respond to user questions

## Results/outcomes for a reliable, sustainable source of data

- Implemented PIMS II at 120 ART facilities and trained 562 doctors, nurses and pharmacy staff
- Data by regimen is now available to support forecasts of ART commodities
- A multi-stakeholder Technical Working Group in the Ministry of Health now uses available data to develop forecasting assumptions driving ARV procurement in Botswana
- Established a Logistics Management Unit to aggregate and analyze logistics data from PIMS II and other LMIS forms available in the facilities