

MOSAIC Across the Product Introduction Framework

BRIEF
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The pre-exposure prophylaxis (PrEP) product introduction framework is a structure for organizing what is needed for national and subnational introduction of PrEP products through five major stages, from initial planning to uptake and ongoing monitoring. Through research, research utilization, and technical assistance activities, the MOSAIC project works across the framework to expedite the introduction and scale-up of new and emerging PrEP products, including the PrEP ring and injectable cabotegravir for PrEP (CAB PrEP). MOSAIC's work across the framework is country-led, with an emphasis on strengthening and sustaining local partner capacity to implement product introduction activities and research. In addition, the project's [NextGen Squad](#) – a team of youth advocates from MOSAIC countries – shapes project activities to be responsive to young people's needs, preferences, and lived experiences.

Planning and Budgeting



MOSAIC identifies opportunities and gaps for the introduction of new PrEP products by conducting [value chain situation analyses](#) and market opportunity assessments. We also use existing data sources to conduct scenario analyses to guide geographic prioritization and phased rollout of new PrEP products. We support programmatic rollout through the development and review of PrEP policies, implementation [guideline templates](#), and national prevention strategies, and we support countries in budgeting for PrEP by conducting costing analyses and assisting with target-setting using [PrEP-it](#).

Examples

- In **Kenya**, MOSAIC provided technical assistance to the National AIDS and STI Control Programme (NASCO) to use the PrEP-it tool to set targets for 2022–2023.
- MOSAIC is providing support to **South Africa's** National Department of Health and PrEP Technical Working Group by leading working groups on guideline development, implementation science, and social mobilization and demand generation.
- **Lesotho** added the PrEP ring to its National Guidelines on HIV Prevention and Treatment and Essential Medicines List with technical support from MOSAIC.
- In **Eswatini**, MOSAIC advocated for and supported the inclusion of PrEP content in the country's Differentiated Service Delivery Guidelines and Comprehensive HIV Management Guidelines.
- MOSAIC conducted a PrEP value chain situation analysis in **Uganda**, which is informing the MOH's review of national policies and guidelines to include new prevention products.

Supply Chain Management



MOSAIC supports forecasting and commodity planning for new PrEP products by conducting supply chain assessments and providing review of supply chain-related tools and guidance. We diagnose market barriers that may affect both supply and demand and impede broader access to integrated services. We also forecast potential demand and uptake across products and markets.

Examples

- MOSAIC is conducting private sector market opportunity assessments in **Lesotho** and **Zimbabwe**.
- MOSAIC provided demand forecasts for the PrEP ring and CAB PrEP to the U.S. President's Emergency Plan for AIDS Relief (PEPFAR).
- MOSAIC is conducting stockout analyses in all countries and mapping PrEP supply chain processes in **Kenya**, **South Africa**, and **Zimbabwe** to identify gaps and areas requiring strengthening.

PrEP Delivery Platforms



MOSAIC supports the integration of PrEP products into differentiated service delivery models in the public and private sectors. We create and/or update [provider training](#) curricula, standard operating procedures, and job aids. The project also provides technical support for the integration of PrEP into other sexual and reproductive health services such as antenatal and postnatal care and family planning.

Examples

- MOSAIC's flagship research implementation science study, CATALYST, will be implemented in **Kenya, Lesotho, South Africa, Uganda, and Zimbabwe**. The study will assess an enhanced service delivery package that includes oral PrEP, the PrEP ring, and CAB PrEP. The CATALYST study will use quality improvement methods to refine and identify a core package for delivering PrEP choice.
- In **Zimbabwe**, MOSAIC's local partner PZAT conducted oral PrEP training and PrEP ring sensitization, reaching 180 providers.
- In **Nigeria**, MOSAIC successfully advocated for the integration of PrEP into national family planning, antenatal, and maternal, neonatal, and child health curricula.

Individual Uptake



MOSAIC develops user-centered demand generation strategies to support product introduction and provides technical assistance on the use of end-user support tools, such as the HIV Prevention Journey Tool, [PrEP Parent Module](#), and HIV Prevention Ambassador [Training Package](#), to drive uptake.

Examples

- In **Zimbabwe**, MOSAIC oriented DREAMS implementing partners on the PrEP Parent Module, HIV Prevention User Journey tool, and the HIV Prevention Ambassador Training Package for use in their programming.
- With technical assistance from MOSAIC, **Nigeria's** national government will soon launch a country-wide PrEP campaign called [Gen-N](#).
- In **South Africa**, MOSAIC conducted market research to optimize the HIV Prevention User Journey Tool so that it is convenient, relevant, and user-friendly for adolescent girls and young women and their health care providers.

Effective Use and Monitoring



MOSAIC advises national programs on how to improve monitoring and evaluation of new and existing PrEP products and is exploring ways to better measure effective use of PrEP products.

Examples

- In **Kenya** and **South Africa**, MOSAIC is conducting a study to assess the feasibility and validity of measuring prevention effective use among individuals assigned female sex at birth who are taking PrEP.
- MOSAIC is supporting national programs to strengthen systems for monitoring HIV drug resistance in **Kenya, Lesotho, Uganda, and Zimbabwe**.
- In **Kenya, Lesotho, Nigeria, South Africa, Uganda, and Zimbabwe**, MOSAIC is assessing the feasibility of collecting existing facility-level data and the utility of reporting on three new PrEP indicators.