

# The Big Picture: The current and evolving HIV prevention landscape

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# The HIV landscape globally and in SSA

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- 38.4 million people living with HIV in 2022
- 36.7 million are 15 years +
- 54% of these are women and girls
- Every week, around 4900 young women aged 15–24 years are infected with HIV

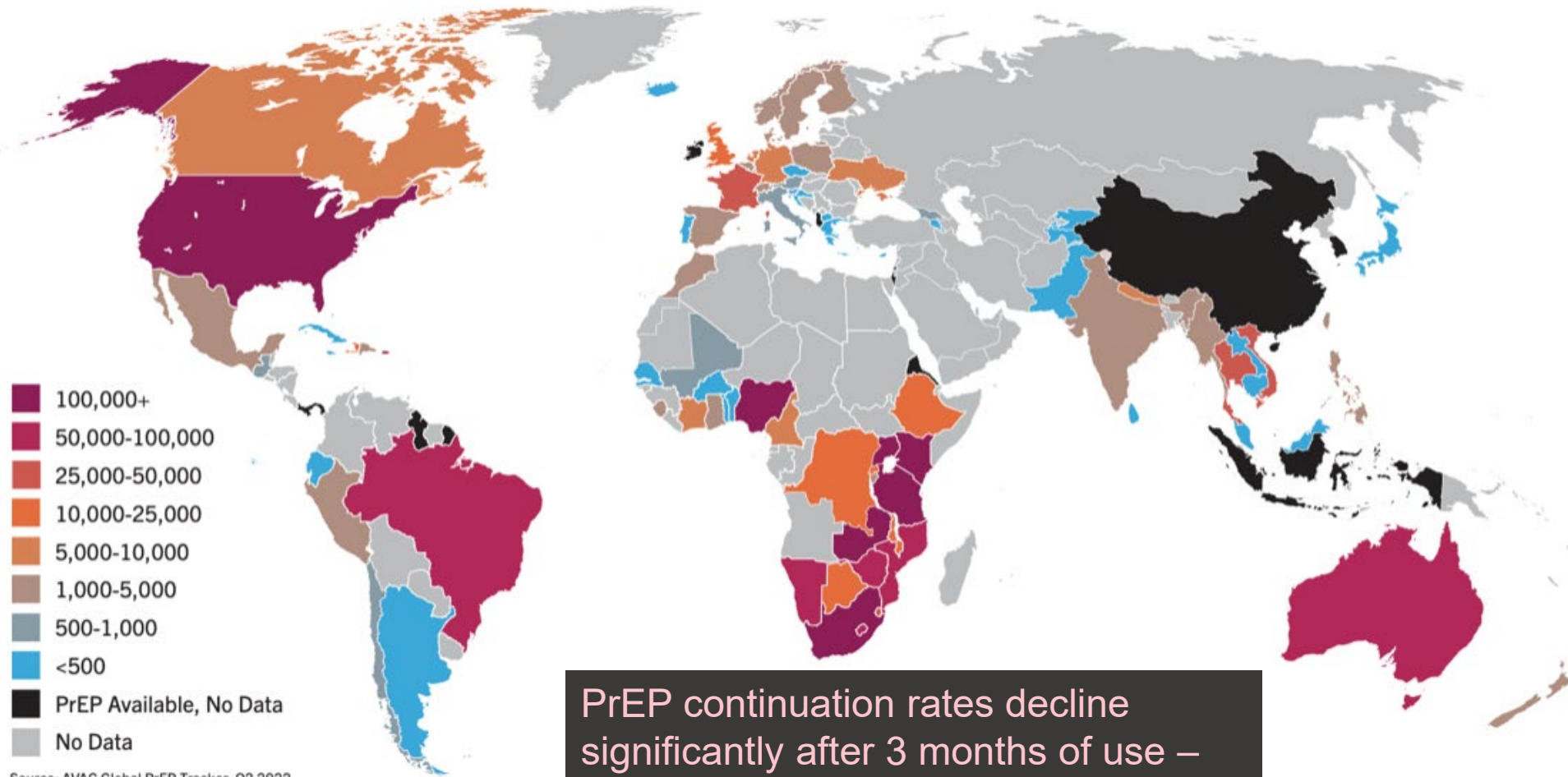
## **In sub-Saharan Africa**

- 6 in 7 new HIV infections among adolescents aged 15–19 years are among girls.
- Young women and girls aged 15–24 years are twice as likely to be living with HIV than young men.
- Women and girls accounted for 63% of all new HIV infections in 2021

# What biomedical tools do we have?



# Global Oral PrEP Landscape – 11 years in



Source: AVAC Global PrEP Tracker, Q2 2022, <https://www.prepwatch.org/country-updates/>

PrEP continuation rates decline significantly after 3 months of use – across all populations. Daily pill taking isn't for everyone.

Target by 2020



3 million people with access to PrEP

Actual total initiations thru Q2 2022 (approx.): 2.8 million

AVAC

25 Years and Counting

# Access to the Dapivirine Vaginal Ring: A timeline on progress

2020

**Jul 2020**  
The **EMA** issues a positive opinion for the ring's use by women 18 yrs and older, in developing countries.

2021

**March 2021**  
**PEPFAR** includes the ring in COP guidance for 2021.

**Jul 2021**  
**Kenya**  
**Zimbabwe** regulatory authorities approve the ring.

2022

**March 2022**  
**South Africa** regulatory authorities approve the ring.

**April 2022**  
**Uganda**  
**Zambia** regulatory authorities approve the ring.

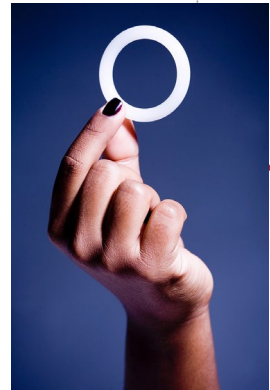
**Jan 2021**  
**WHO** recommends the ring as an additional prevention choice for women at substantial risk of HIV.

**Mar 2021**  
**WHO** adds the ring to clinical guidelines for ARV drugs for HIV prevention.

**May 2022**  
**eSwatini**  
**Lesotho** applying to import the ring.

**Anticipated**  
Decisions on applications to approve the ring expected from:  
Botswana  
Namibia  
Malawi  
Rwanda  
Tanzania\*

\*Preliminary rejection April 2022; IPM appeal in progress



- Scientific opinions and public health guidance
- Donor Guidance
- Regulatory approval

# Cabotegravir long-acting injectable

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# The CATALYST Study

Catalyzing access to new prevention products to stop HIV

- Will involve implementation of an enhanced service delivery package that supports choice among PrEP products that have regulatory approval in each country, such as oral PrEP, PrEP ring and injectable cabotegravir for PrEP
- Will enroll women\* at PEPFAR/USAID delivery sites in Kenya, Lesotho, South Africa, Uganda, and Zimbabwe
- To be conducted in two stages with currently approved oral PrEP and PrEP ring offered in Stage I, and the addition of injectable CAB PrEP in Stage II after approval by the regulatory authority in each country

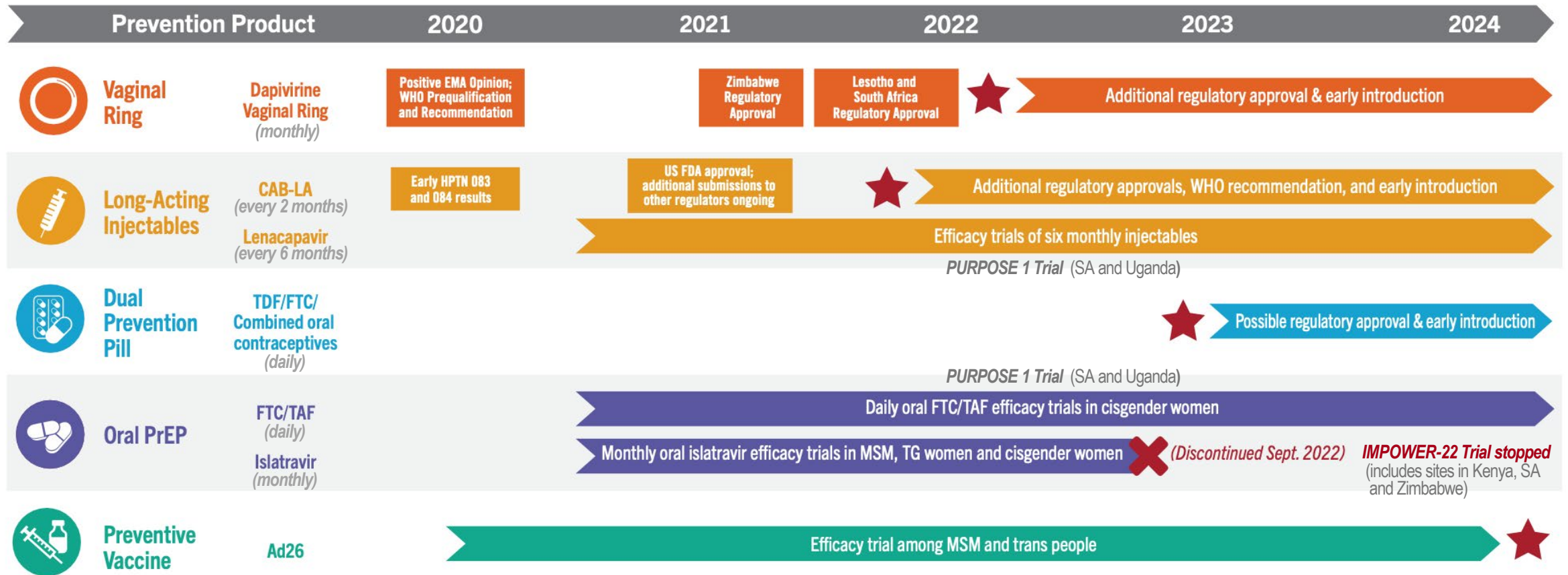
*\*Inclusive of individuals assigned female at birth of any gender identity or individuals assigned male at birth who identify as women*



# Years Ahead in HIV Prevention Research

## Time to Market

★ Earliest time to market  
 ✕ Discontinued





# What's most important? It may depend on who you are

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## Clinical Considerations

- Biologic efficacy
- Dosing/duration
- Reversibility
- Side effect profile
- Systemic/Topical

## Policy & Program Considerations

- Delivery channel(s)
- Health system burden
- Product cost
- Program cost
- Provider training
- Demand creation

## Personal/End-user Considerations

- Ease of use
- User preference
- User burden
- Discretion of use
- Contribution to stigma

# The bottom line

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- No one product will work for all people
- Preferences and needs change depending personal circumstances
- While some methods may be more effective than others, no method can be effective if it's not used
- Having choice is important – because the more options that are available the more likely one will be used

# Acknowledgements

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*The contents in this presentation are those of the presenter and do not necessarily reflect the view of the U.S. President's Emergency Plan for AIDS Relief, the U.S. Agency for International Development or the U.S. Government.*



A group of four young people (two men and two women) are walking along a paved promenade next to a body of water. The man on the far left is wearing a grey polo shirt and glasses, gesturing with his hands. The woman next to him is wearing a floral patterned top and blue jeans with a gold chain belt. The woman next to her is wearing a leopard print top, a red cardigan, and blue jeans. The man on the far right is wearing a vertically striped shirt and light blue pants. In the background, there is a harbor with several red gantry cranes and a cloudy sky. The text "Thank you" is overlaid in the center of the image.

Thank you