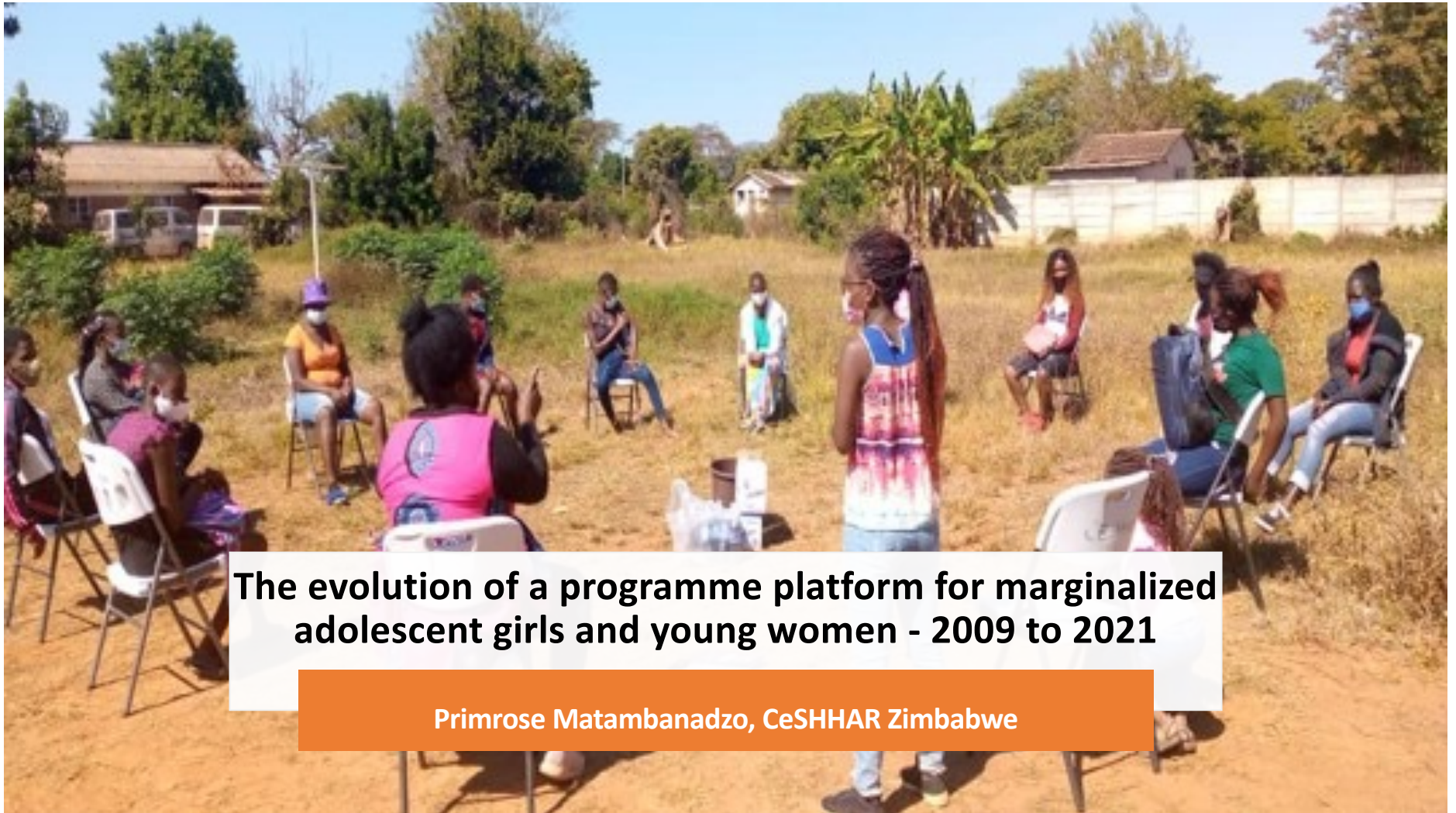




The evolution of a programme platform for marginalized adolescent girls and young women - 2009 to 2021

Primrose Matambanadzo, CeSHHAR Zimbabwe

SW Programme Coverage

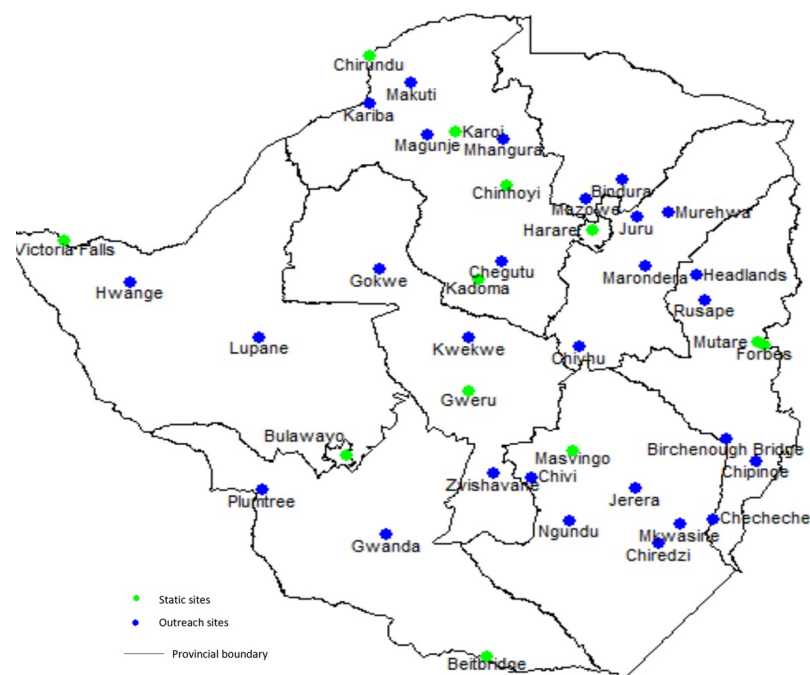
Sisters programme started in
2009 - 5 sites - 322 FSW seen
25.8% age <25 years

2021 - 86 sites – 33 000 SW
in their diversity seen
32.2 < age 25 years

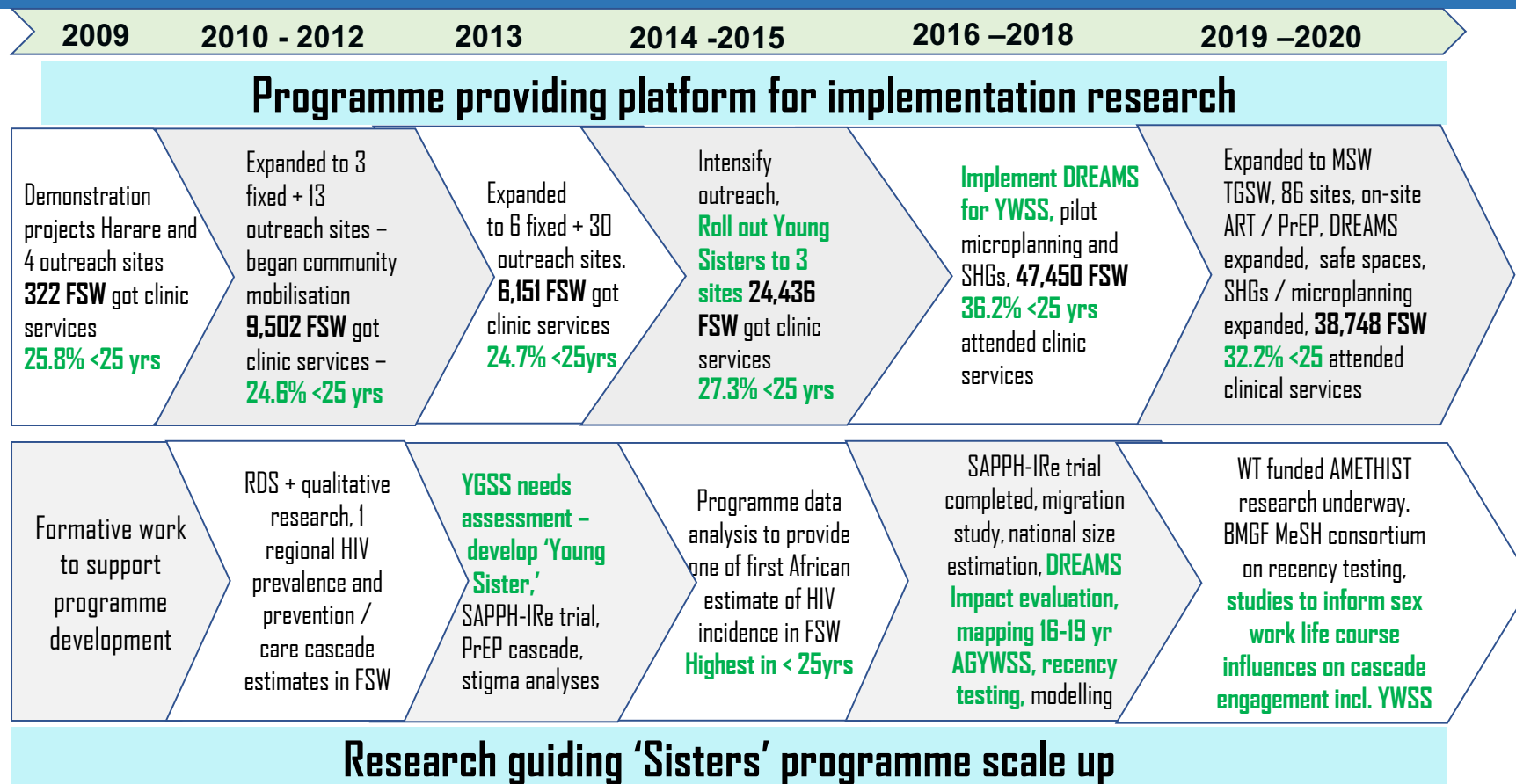
- >125,000 FSW seen since 2009

Unique alpha numeric identifier and detailed programme data collected from 2009 allowing detailed analysis

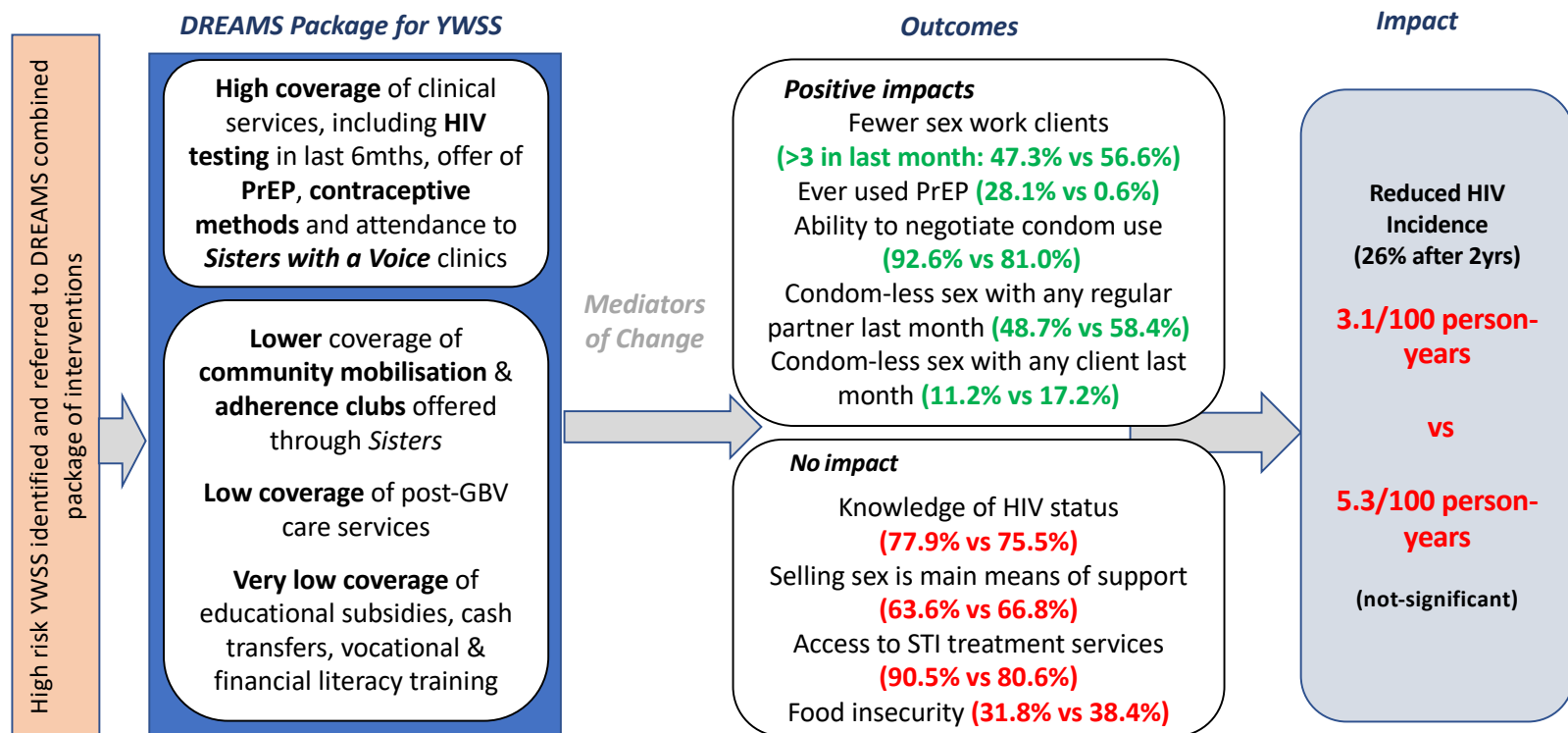
Zimbabwe Sisters Programme Sites



National FSW implementation—research platform in Zimbabwe ‘Sisters with a Voice’



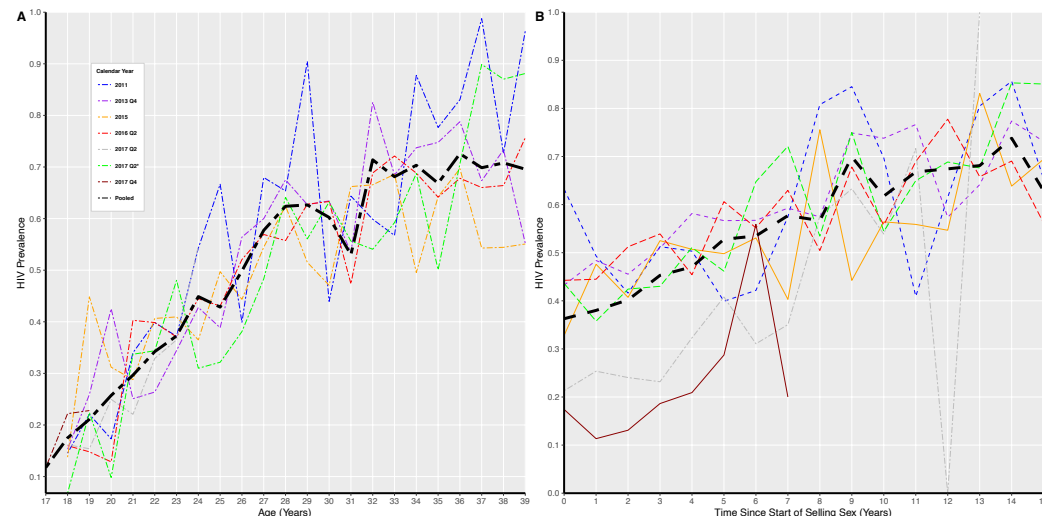
Pathways of impact of DREAMS among YWSS in Zimbabwe



Combined SW Programme RDS surveys incidence versus prevalence

- 5 studies, 21 sites, 2011-2017
- 9906 FSW; HIV prevalence 50.5%
- For each year of age, we estimated: HIV prevalence (P_t) and the change in HIV prevalence from the previous age ($P_t - P_{t-1}$).
- Estimated the rate of new HIV infections during that year of age:
 $I_t = P_t - P_{t-1} / (1 - P_{t-1})$
- Calculated HIV incidence for 18-24 and 25-39 year-olds separately as the weighted average of I_t .
- Estimated HIV incidence for FSW 1-5 years and 6-15 years since first selling sex using the same approach

Ali, de Wit et al submitted



- **18-24 year-olds - 6.3/100 pyar (95%CI 5.3-7.4)**
- 25-39 year-olds 3.3/100 pyar (95% CI 2.7-4.0)
- **1-5 years since first selling sex 5.3/100 pyar (95% CI 4.5-6.1)**
- 6-15 years since first selling sex 2.1/100 pyar (95% CI 1.4-2.9)

Moving forward

- YWSS appear more likely to transition in and out of SW – how does this affect engagement in prevention and care cascades?
 - Need to better characterise young FSW and their partners (tracing study, diary study and population data)
 - Better characterise locations, populations and individuals at greatest HIV risk to inform HIV prevention programmes
- **Tracing study** – 16 -19 year olds
 - **Longitudinal diary study** – 16 -19 year olds
 - **RDS surveys at 22 sites** nationally (4,400 FSW aged 18+ with rich biobehavioural data)
 - Recent infections and its determinants
 - Prevention and treatment cascade analyses (include biomarkers of PrEP and condom use)
 - **PLACE studies** – expanded to include more detailed network analysis of partnerships
 - **Recency study** across all 86 sites – with recency guided prevention strengthening



Thank you