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Strategic Context and BVI Mandate

- Two main operations- production and diagnostics
- WOAHA FMD Reference Laboratory
- Provide confirmatory FMD diagnostic services
- Technical support to countries and PVM sponsored by BVI
- Research on circulating FMD viruses
- Operations fully funded by BVI
- Supply targeted vaccines mostly TADs
- FMD vaccine is the flagship product

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FMD SITUATION IN THE SADC REGION



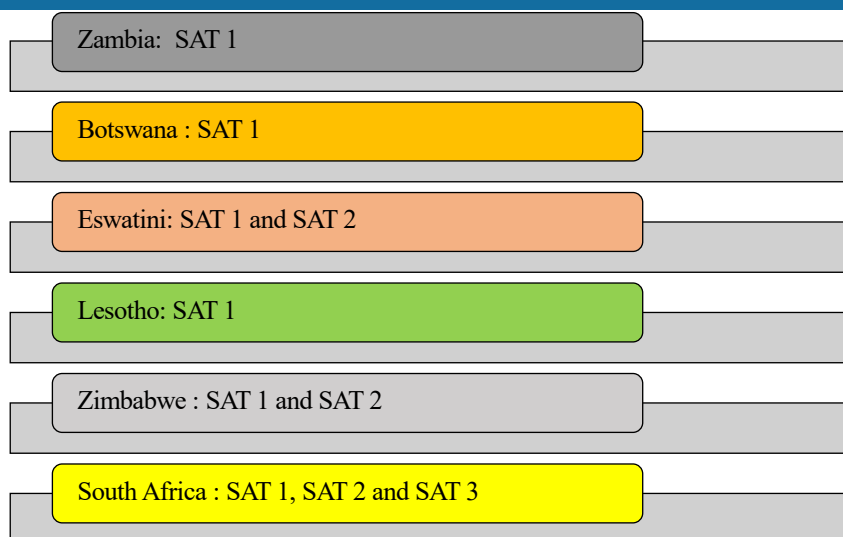
KEY: FMD Outbreaks



44% of SADC Countries with Outbreak.

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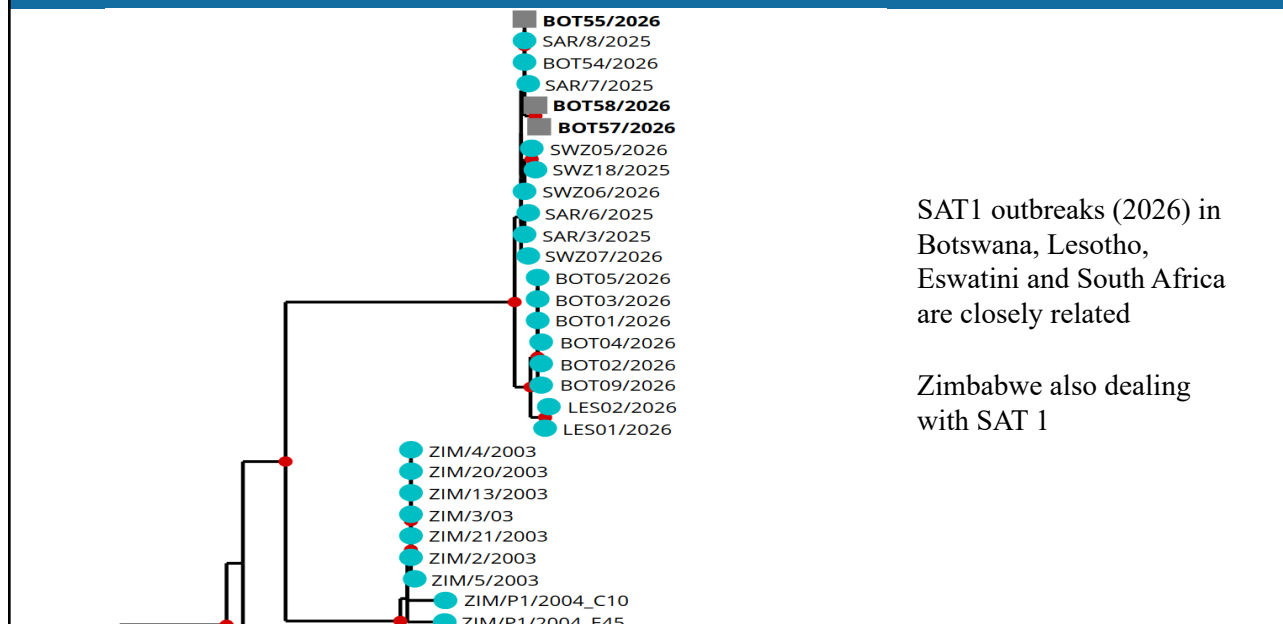
FMD CURRENT SITUATION IN THE SADC



- ☐ Mozambique: SAT 2 isolated in 2024
- ☐ South Africa: not tested by BVI WOAHA Reference Laboratory
- ☐ Malawi and Angola : No samples received in recent years
- ☐ Namibia : No reported cases

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FMD SITUATION IN THE SADC REGION



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SPECIFIC SUPPORT TO THE REGION



- ☐ FMD Vaccine supply has stabilised after maintenance interruptions
- ☐ Field disease investigation and sample collection support
- ☐ Timely Confirmatory Laboratory tests
- ☐ Continuous monitoring of the virus through genotyping and vaccine matching
- ☐ Post vaccination sero monitoring

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Challenges



- ☐ The broad genetic diversity (>60 strains within the 7 serotypes), requires constant assessment of vaccine suitability.-Important to constantly conduct vaccine matching
- ☐ Illegal movement of livestock across borders plays a significant role in the spread of FMD across countries
- ☐ Fragmented implementation of prophylactic vaccination programmes
- ☐ Low submission of samples to WOAHP reference laboratories-vaccine mismatch..eg Serotype O incursion, Zambia SAT1

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Recommendations



- ☐ There is need for a coordinated sub-regional approach in the control and management of FMD in Southern Africa
- ☐ Consider synchronised vaccination programs
- ☐ Conduct joint Postvaccination Seromonitoring studies
- ☐ Need for strategic antigen reserves
- ☐ Invest in research
- ☐ Facilitation of FMD samples across borders to WOAHP reference laboratories

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