Problem: Foot and Mouth Disease

A highly infectious viral livestock disease that affects up to 77% of cattle, swine, sheep, goats, and other cloven-hoofed ruminants, with morbidity levels reaching 100% in susceptible populations.

Severe physical impacts include blisters, ulcers, and lesions that lead to feeding problems and lameness; weight loss; and up to 80% drop in milk production.

Disrupts regional and international trade of animals and animal products, causing US$2.3bn in annual losses in Africa.

Solution: The AgResults FMD Vaccine Challenge Project

An eight-year, US$17.68 million Pay-for-Results prize competition that supports the development and uptake of high-quality FMD vaccines tailored to Eastern Africa.

Project Goals

- Develop high-quality FMD vaccines, tailored for Eastern Africa
- Increase vaccine production and regional purchases to create greater market stability and affordability
- Build a private sector model for FMD vaccine purchase and distribution to complement public sector efforts