



ENTERIC FERMENTATION R&D ACCELERATOR

9th GGAA 2025 - Nairobi



ENTERIC FERMENTATION R&D ACCELERATOR

The largest-ever, globally coordinated public-good investment in breakthrough research tackling livestock methane emissions.



SCIENCE OVERSIGHT COMMITTEE

Independent, distinguished, multidisciplinary



Dr. Robert Banks



Dr. Karen Beauchemin



Dr. Margaret Gill



Dr. Sinead Leahy



Dr. Rolf Thauer



Dr. Paul Wood



ACCELERATOR RESEARCH STRATEGY



Inhibitors



Low methane genetics



Low-cost measurement
technology for grazing livestock

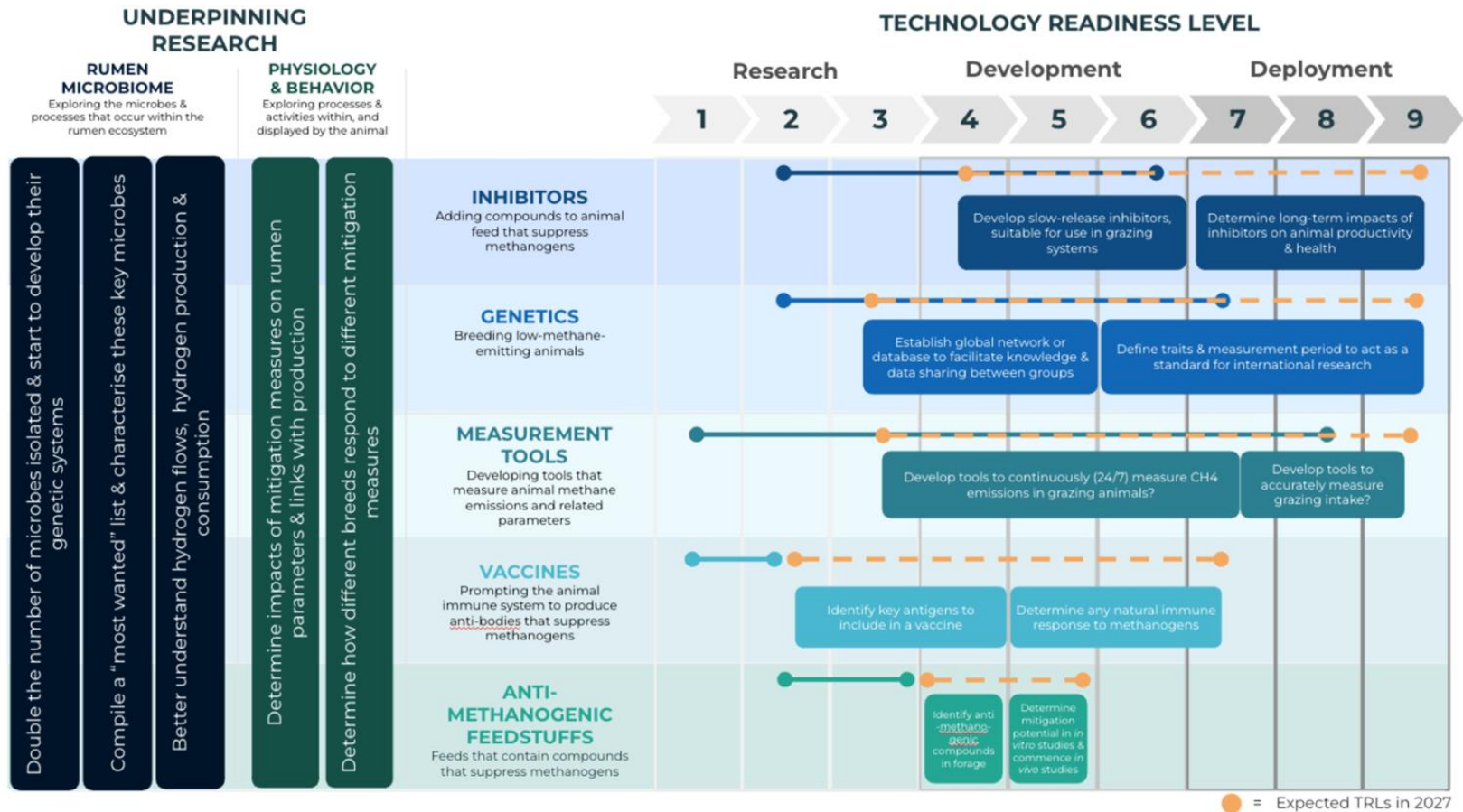


Anti-methanogenic
feedstuffs screening



Immunological research to
support vaccine development

Overview of research areas and TRLs





ACCELERATOR

ALREADY FUNDED AREAS



Inhibitors: **long-term trials**



Low methane genetics: **dairy, beef, and small ruminants**



Measurement tools: **ZELP Sense**



Anti-methanogenic feedstuffs: **forage screening**



Vaccine development: **proof of concept**

Work in progress

Opportunities for collaboration



Genetics

Expanding into small ruminants, buffalo, and new geographies (smallholder and pastoral livestock production systems)



Early-life intervention

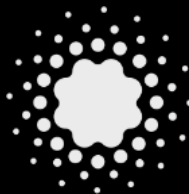
Identifying research gaps and priorities



AI

Identify novel inhibitors





Global
Methane
Hub

THANK
YOU

