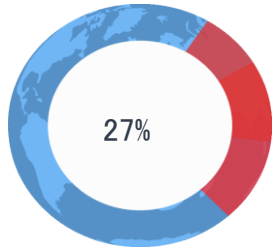


TerraBiome has developed a multifunctional **microalgae** based feed additive to reduce methane emissions and improve yields in ruminants.

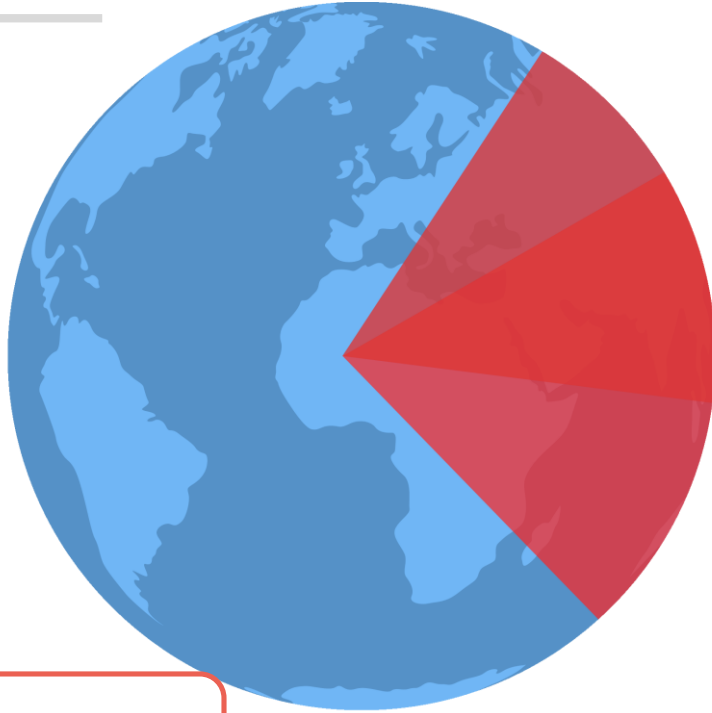


Food sector is responsible for 27% of total GHG's emissions

Food sector CO₂e emissions



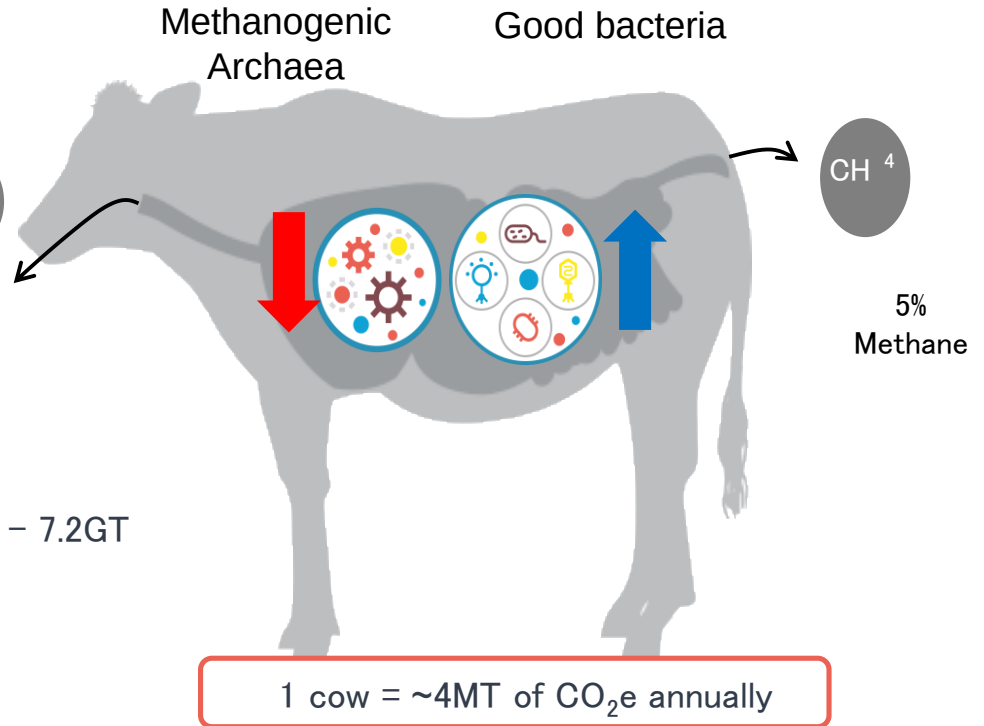
of global emissions



50% from cows – 7.2GT



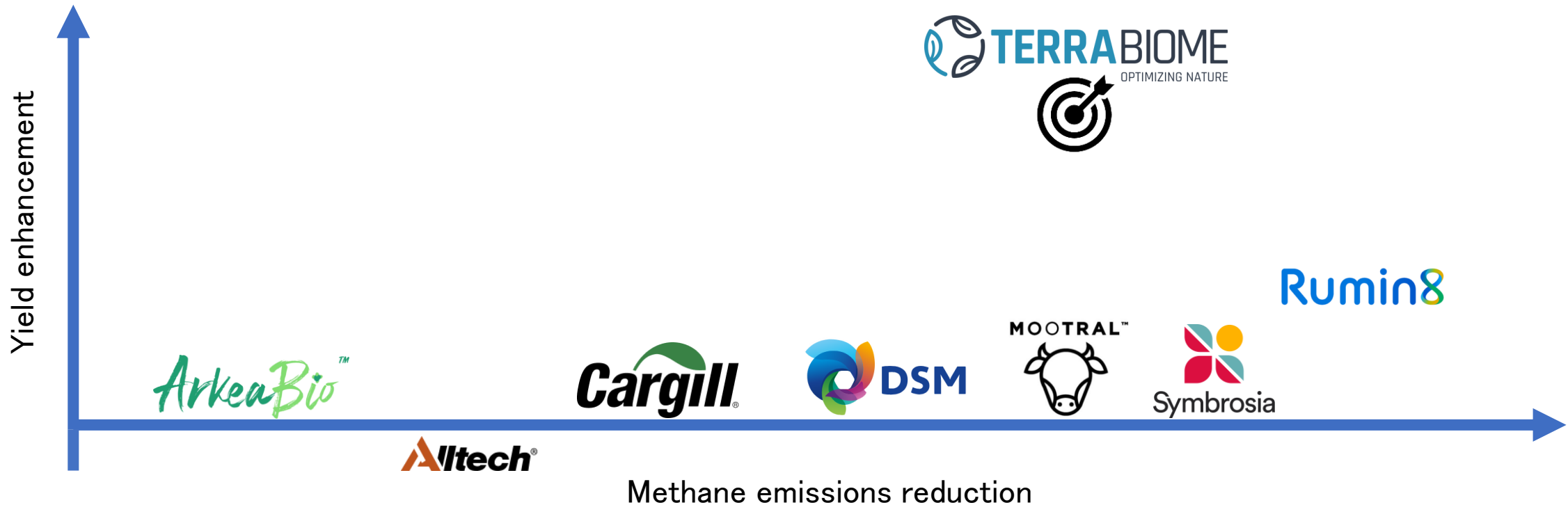
7% increase since 2020



The challenge is to find active molecules that inhibit methanogenic archaea while boosting good bacteria



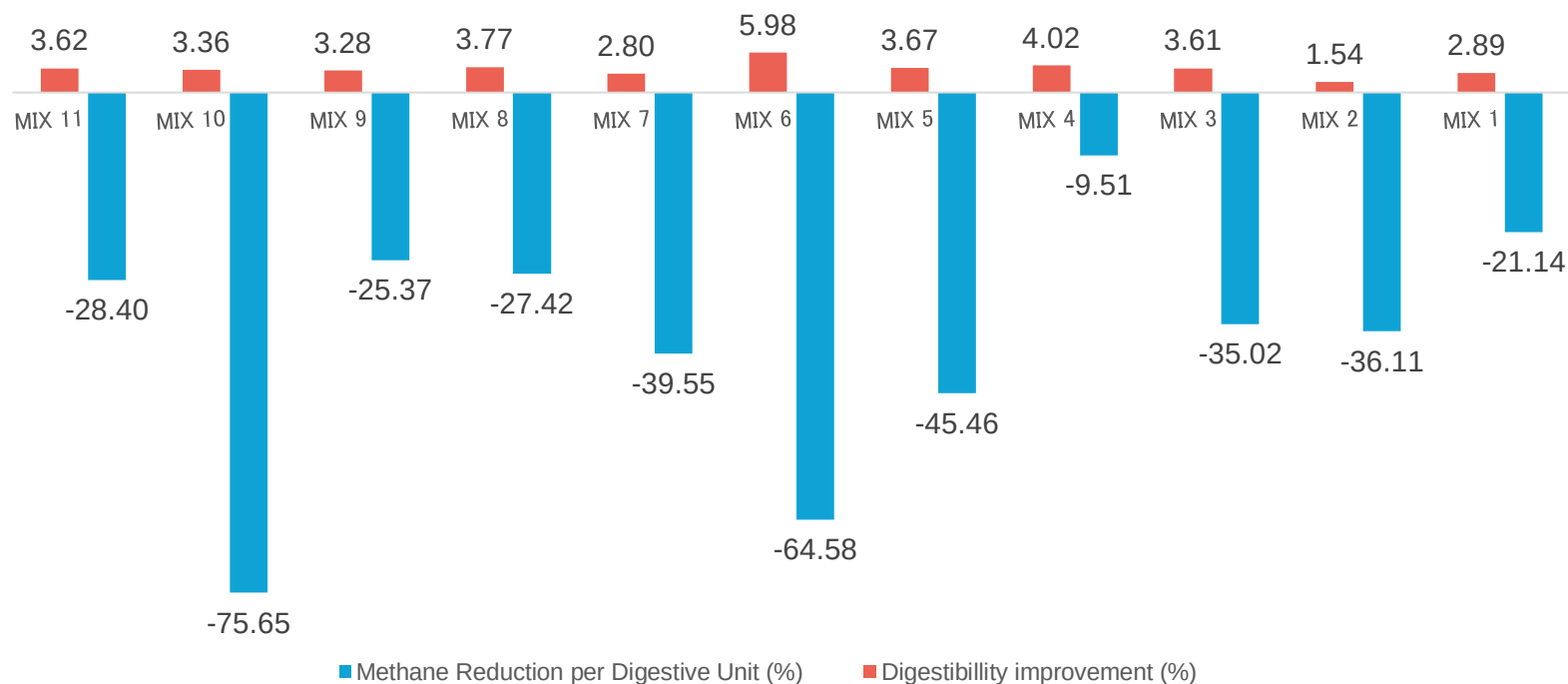
Competitive landscape – No scalable methane-reducing additives



Ex-Vivo POC –

TerraBiome reduces methane up to 75%

TerraBiome increases digestibility up to 5%



Microbiome Analysis



Organic Chemistry



Formulation



Phycology



Computational
Biochemistry



Ruminant Nutrition



TerraBiome's unique value proposition

Benefits to Farmers

Improves digestibility =
Reduced feeding costs

Increases milk yield
and quality

Significant increase in
profitability

Carbon credits
additional option

Benefits to Food Companies

Market-leading methane
reduction

No farmer re-imbursement
needed

Global scale potential

Implied reduction cost
\$40/t CO₂e



TerraBiome's Team



▶ Ohad Gamliel
CTO



▶ Oran Scott
Chairman of the Board



▶ Dr. Doron Eisenstadt
CEO

- Strong Management, Track record in startups
- Strong Science – Microbiome, Methane, Phycology, Nutrition
- Strong Business Background



▶ Dr. Ran Solomon
Ruminant Nutrition



▶ Prof. In Negotiation

- Ruminant nutrition
- Microbiome analysis



▶ Ilan Gresel
Head of Biz Dev.



▶ Prof. In Negotiation

- Animal feed additives
- CH4 reduction





► Thank You For Your Attention

Doron Eisenstadt, Co-Founder & CEO

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