



Global Methane Hub

ROB BANKS
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Global Methane Hub: www.globalmethanehub.org

- **Global Methane Hub:**
 - Philanthropic pooled fund, non-profit registered in the US
 - Raising and investing funds to tackle methane across the economy (ie not just agriculture)
 - Agriculture program aims/areas include R+D, productivity, improved quantification, policy, finance and investment, and engaging companies.
- **Accelerator Program:**
 - Aiming to raise more than \$US200 million from philanthropy, public and private sector
 - focused on R&D to enable reducing emissions from enteric fermentation
 - Scientific Oversight Committee includes expertise in vaccine development, nutrition, rumen, genetics and genomics, systems
- **Hub can:**
 - invest alone or in partnership, and with both public and private partners
 - public good
 - no locking up of IP

Activity – 3 months:

- Current:
 - SOC members surveying and summarising research landscape and developing potential KPIs for outputs
 - Genetics:
 - traits
 - equipment and methods
 - activity in methane recording – dairy, beef, small ruminants x regions;
 - stages of implementation into breeding programs
- Collaborations are encouraged – across country, across breed

Our challenge (FAOSTAT – enteric emissions):

Beef Cattle

Country/group	kt
Brazil	11,311
United States of America	4,476
India	3,859
Argentina	2,958
China	2,301
Ethiopia	1,945
Mexico	1,850
Colombia	1,386
Australia	1,327
Chad	973
Germany + Spain + France + Britain	2,000

Sheep

Country/group	kt
China	865
Australia	508
India	340
Great Britain	262
Nigeria	239
Iran	233
Ethiopia	215
Türkiye	211
New Zealand	208
Sudan	205
Germany + Spain + France	192

Today – working together:

- The field of sustainability, and within it, emissions, is broad: today is focussed on use of genetic approaches, and what tools are available or needed. Wider questions will be recorded and followed up.
- Each speaker has allotted 15% of their time slot to questions – so we will use that time efficiently, please hold questions till that point.
- Key questions that come up and which we don't have the time to address today will be recorded (whiteboard) and followed up in writing
- Follow-up forums are likely – so there will be opportunity to discuss and debate at great length.
- Respect each other – keep your questions and comments brief.