



# Global Research Alliance - Livestock Research Group Collaboration and partnership with FAO

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## FAO's work on GHG emissions in the livestock sector



Produce disaggregated assessments of emissions and mitigation potential



Carry out economic analyses of mitigation costs and benefits



Engage in multi-stakeholder initiatives to support policy dialog for methods and practice change

# GASL - An initiative to catalyse and achieve practice change

- Multi-stakeholder engagement for consensus building and joint action. Open, voluntary
- Addresses global development issues which cannot be tackled without livestock:
  - Food security
  - Poverty
  - Climate change and resource scarcity
  - Global Health Security (One Health)
- Knowledge based
- Focus on continuous improvement
- An integrated and comprehensive sector approach
- Inclusive, consensual



**GLOBAL AGENDA FOR  
SUSTAINABLE LIVESTOCK**

[www.livestockdialogue.org](http://www.livestockdialogue.org)

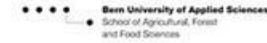




Food and  
of the



Production and  
Health Division



International Egg Commission



February 2016



# GASL - update

- End of first phase
- Recent discussions on governance and action plan for next phase
- Governance 6 clusters
- Next MSP meeting 24 June Panama

# Action Plan 2016-2018

- **Outcome 1** – Inclusive platform for policy dialogue, knowledge exchange, agreement on joint action and supporting SDGs (MSPs and communication/strategy)
- **Outcome 2** – Tools and analytical evidence of how livestock contributes to achieve SDGs
  - Link with LRG more systematic and formalized?
- **Outcome 3** – Local practice change through continuous improvement and innovation (guidelines and investments)

## Metrics and guidelines – road testing

### ***LEAP - Livestock Environmental Assessment & Performance partnership***

- Sectorial guidelines to support the harmonization in measuring and monitoring environmental performance in livestock supply chains
- Second phase LEAP+ 2016-2018
- Road testing to evaluate usability and applicability in various context and ensure use by widest audience. High priority, procedure to be soon determined



[www.fao.org/partnerships/leap](http://www.fao.org/partnerships/leap)



# Support the design of mitigation packages and MRVs



**Reducing enteric methane emissions intensities with improved resource use efficiency (different regions)**



**AnimalChange: technical assessments, policy scenarios and capacity building**

**CAAC**

**Grassland restoration and MRV (VCS methodology)**



**Climate Smart Livestock in Ecuador and Uruguay (possible NAMA)**



**The economics of resilience in the drylands of Sub-Saharan Africa**

**Productivity and carbon credits in Kenyan dairy farms (NANA development incl MRV)**



**Improved technical capacity of national experts in Viet Nam**



**Climate Smart Agriculture investments proposal in Southern Africa (possible GCF)**

**Global:**

**Greenhouse gas mitigation potential of the world's grazing lands**

**Cost-benefit analysis of greenhouse gas mitigation in the livestock sector (MACCs)**



# Example: NAMA Kenya

- Deliver the MRV tool started in 2012 together with ILRI, the Ministry of Livestock, Kenya and Unique
- Baseline emissions and mitigation potential with GLEAM (Global Livestock Environmental Assessment Model)
- Menu of technologies and practices
- Part of the Kenyan NAMA multi-stakeholder platform
- Training on NAMAs for local stakeholders: Government at national level and county level, and the dairy sector



Thank you