The Role of the Global Agenda for Sustainable Livestock (GASL)
The Global View of Livestock Sustainability and Dairy’s Role

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Livestock – compelling figures

+50% in 2050

1 person in 4

40% of agric. GDP

1 Bn
Poor, livestock keepers

25% of proteins
13% of kcal

Grazing, 26%
33% of crop land

14.5% of GHG

62% pathogens of animal origin

> 10 % of agric. water use
What is GASL?

• Global multi-stakeholder partnership (since 2011)
• Recognized platform for sharing solutions (good practices and policies)
• Promotes the sustainability of the global livestock sector

• Fundamental Principle: Any livestock production system can be more sustainable, no matter where you are
Why GASL?

“Sustainable development is only possible in a world without hunger and poverty”

“Agriculture and livestock are feeding the world”

The Global Agenda for Sustainable Livestock is enhancing livestock holder’s commitment and investments in support of the UN 2030 Agenda

The Global Agenda for Sustainable Livestock:

- Facilitates dialogue
- Generates evidence
- Supports the adoption of good practices and conducive policies
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1997 – 2005</td>
<td>LEAD (Livestock Environment and Development)</td>
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<td>2005</td>
<td>Livestock’s Long Shadow</td>
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<td>2009</td>
<td>State of Food and Agriculture Report. Livestock in the balance</td>
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<td>2010</td>
<td>Livestock in a changing landscape</td>
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<td>2010</td>
<td>COAG 2010 – the guidance to begin GASL</td>
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<td>2011 -2018</td>
<td>Eight MSP Meetings: Brazil, Thailand, Kenya, Canada, Colombia, Panama, Ethiopia and Mongolia</td>
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<td>2016</td>
<td>Endorsement of GASL by the Committee of Agriculture of FAO (COAG)</td>
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<td>2016-2018</td>
<td>Implementation of an approved Action Plan of GASL</td>
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**Guiding Group:** 5 representatives of each of the seven clusters supported by an Agenda Support Team and an elected Chair.

**Clusters:** Assure an inclusive participation of all sectors of society

**Action Networks:** Thematic technical expert groups, creating evidence, making available tools and guidelines and enhance practice change

**Rules and Procedures:** Form the institutional reference frame for the Global Agenda.

**Secretariat:** Hosted by FAO in Rome
Membership (105 partners)

- Public Sector Cluster (17)
- Private Sector Cluster (23)
- Academia & Research Cluster (23)
- Non-Government Organisations (23)
- Donors (10)
- Social Movements (3)
- Multilateral and Intergovernmental Organisations (6)
The Sustainable Development Goals are the Reference Framework of GASL.
The Global Agenda accepts the SDGs of the Un Agenda 2030 as its important reference framework

- Basically all SDGs are relevant to livestock keeping
- The Global Agenda has identified nine SDGs with particular importance for the sector
Sustainability priority themes for GASL

- Food and nutrition security
- Livelihoods and economic growth
- Health and animal welfare
- Climate and natural resource use
Hot topics per sustainability priority themes

**Food and nutrition security**
- Safe, sustainable livestock food systems
- Roles of Animal Sourced Foods in health diets

**Livelihoods and economic growth**
- Equitable and economically viable production systems transformation
- Structural change of traditional systems
- Livestock commodities vs multifunctionality
- Innovations and technologies in the livestock sector

**Health and animal welfare**
- Responsible and prudent use of vet. medicines
- Animal welfare
- Foodborne and zoonotic diseases

**Climate and natural resource use**
- Sustainable global livestock numbers
- Potential of livestock to mitigate GHG emissions
- Stratification of livestock production to match demand and ecosystem services
- Impacts of livestock on waste
The Global Agenda, the way we work
Dairy Asia - for health and prosperity

- Multi-stakeholder platform for dialogue and coordinated action
- Finding common ground and aligning actions towards social, economic and environmental sustainability
- Based within the Asian region but reaching out to partners around the globe.
Dairy Asia Member Countries

- Afghanistan
- Bangladesh
- Bhutan
- China
- India
- Indonesia

- Mongolia
- Myanmar
- Nepal
- The Philippines
- Sri Lanka
- Thailand
- Viet Nam.
Dairy Asia

- Action network launched in 2016
- Multi-stakeholder platform for dialogue, coordinated action and collaboration
- Finding common ground, aligning actions and collaborating for social, economic and environmental sustainability
- Based within the Asian region but reaching out to partners around the globe

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Modes of operation

• Building a regional network and creating an open environment for collaboration
• Providing space to share knowledge and experiences
• Providing a framework to guide dialogue and coordinate action
• Capturing and giving visibility to action in member countries
• Identifying together different products of interest and developing them together

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Dairy Asia aligned to GASL priorities

“A socially and environmentally responsible Asian Dairy Sector that enhances rural livelihoods, improves nutrition, and contributes to economic prosperity”

- Global Food Security
- Nutrition and Health
- Livelihoods/Equity and Growth
- Resources and Climate

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Integrating approaches, stakeholders, objectives into livestock development design and delivery

Bilateral collaboration between Myanmar Dairy Association and Dairy Farming Promotion Organization

Technical collaboration:

- Mineral mixture supply & chlorine tablet
- Visit Thai National Dairy Festival 2017 & 2018
- Technical training of Burmese farmers on AI in Thailand
- Technical training on corporate social responsibility in Myanmar

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Integrating approaches, stakeholders, objectives into livestock development design and delivery

Partnership with the Dairy Sustainability Framework

- Global collaborative project of the dairy industry to share information on their sustainability activities in an effort to learn from each other
- Share experiences of operating a platform (learning experiences)
- Opportunity to link to wider network and exchange knowledge, best practices, good models and collaborate

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Including more diverse stakeholders and voices into livestock solution development

Dairy genetics working group

- Meeting in Anand, India of 19 participants from 11 countries
- Geneticists from different institutions in the region working together
- Currently developing guidelines for genetic improvement of dairy and buffalo cattle

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Topics currently discussed in Dairy Asia

Focus on:

- Breeds
- Feed
- Capacity building
- Creating collectives
- Empowering women
- Disease control
- Safety standards, milk labelling and facilities inspection
- Pricing schemes
- School milk programmes
Technical Working Groups

- Technical working groups
  - Experts with diverse institutional backgrounds from all member countries working together
  - 1 group on dairy genetics has been launched

→ Collaborative R&D
Collaboration between member countries:

MoU signed between the Myanmar Dairy Association and Dairy Farming Promotion Organization of Thailand. The Thai organization will supply feed mineral mixtures to Myanmar at costs price. Burmese farmers gain access to improved feed and the Thai cooperative benefits from economies of scale and increase employment.

→ Joining forces
Dairy Asia Sustainability Award

Bestowed to the National Dairy Development Board (India) for their ration balancing programme

→ Giving recognition to best practices, involved village-based local resource persons who provide advisory services on optimal feed mixes for dairy cattle in local languages based on locally available feed resources directly to farmers, covering 2.4 million animals in more than 30,000 villages.
Communication and knowledge products

→ Advocacy and knowledge dissemination
→ http://www.dairyasia.org/

Working paper series
+ Review of school milk programmes in the region
+ Study on dairy and climate change interface
+ Strategies for genetic improvement

Annual report 2017
Newsletters
Global Agenda for Sustainable Livestock

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