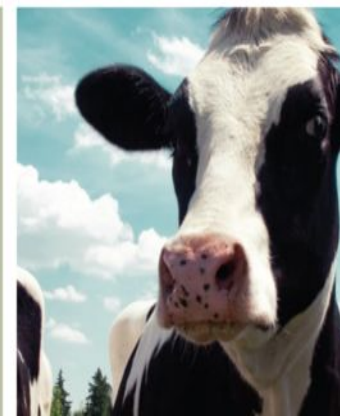


Global Feed industry Sustainability initiatives

GFFC 2016 – Antalya

Frank Mitloehner, Professor & Specialist,
Department of Animal Science, UC Davis



Outline

- IFIF Strategic pillars
- IFIF sustainability project
 - Specialty Feed Ingredients Sustainability Project (SFIS)
 - Livestock Environmental Assessment and Performance (LEAP) partnership
 - Global Feed LCA Institute
 - Global Agenda for Sustainable Livestock
- Way forward

IFIF's strategic pillars

- **Sustainability**
- **Regulatory & International Standards**
- **Education and best practices**

Pillar 1: Sustainability

- **Support and encourage the sustainable development of livestock**
- **Establish common metrics for measurement of environmental performance (pre-requisite for benchmarking of continuous improvement)**
- **Provide feed industry and livestock community with tools (methodology and data)**

What is at stake?

- Credibility
- Transparency
- Reliability
- Consistent reporting
- Capacity to demonstrate continuous improvement

Pillar 1. Sustainability

- **Global Agenda for Sustainable Livestock**
- **IFIF/ FEFANA Specialty Feed Ingredients Sustainability Project (SFIS)** – establish role of SFI's on the environmental impact of livestock production (poultry / pigs)
- **Global Feed LCA Institute (GFLI)** - develop global Feed LCA database to measure environmental performance of the livestock sector
- **FAO-led Partnership on Livestock Environmental Assessment and Performance (LEAP)** - developed Feed LCA Guidelines & improve environmental performance of the livestock sector

Global Agenda for Sustainable Livestock

- Need for concerted and collective action to address the sector's unprecedented challenges
- IFIF is a member of the guiding group of the GASL and represented in the different focus areas
- Activities
 - Facilitate multi-stakeholder dialogue at international and local level
 - Implement and support joint analyses and assessments
 - Identify and provide tools and guidance
 - Promote and support innovation and local practice change

IFIF/FEFANA Specialty Feed Ingredients project

- The aims of this project is:
 - Help establish the recognition of the impacts of Specialty Feed Ingredients by key stakeholders, including FAO as well as feed chain operators,
 - Include their use in life cycle assessments of animal production, and
 - Share this information with feed chain operators in order to encourage sustainable livestock production.

Livestock Environmental Assessment and Performance Partnership - LEAP

- International, multi-stakeholder partnership
- Focused on:
 - » Livestock supply chains
 - » Life-cycle thinking
 - » Environmental assessment and performance
- Based on principles of
 - » Transparency
 - » Consensus
 - » Science-based decision making
- Facilitated by FAO

The objectives of LEAP

- To develop internationally agreed sector-level LCA methodologies and guidance to allow
 - transparent,
 - robust,
 - and fair measurement of the environmental performance of livestock supply chains

- FAO / LEAP Feed LCA Guidelines officially released on 23rd April 2015



VERSION 1

Environmental performance of
animal feeds supply chains
Guidelines for assessment

Global Feed LCA Institute (GFLI)

- **Mission**

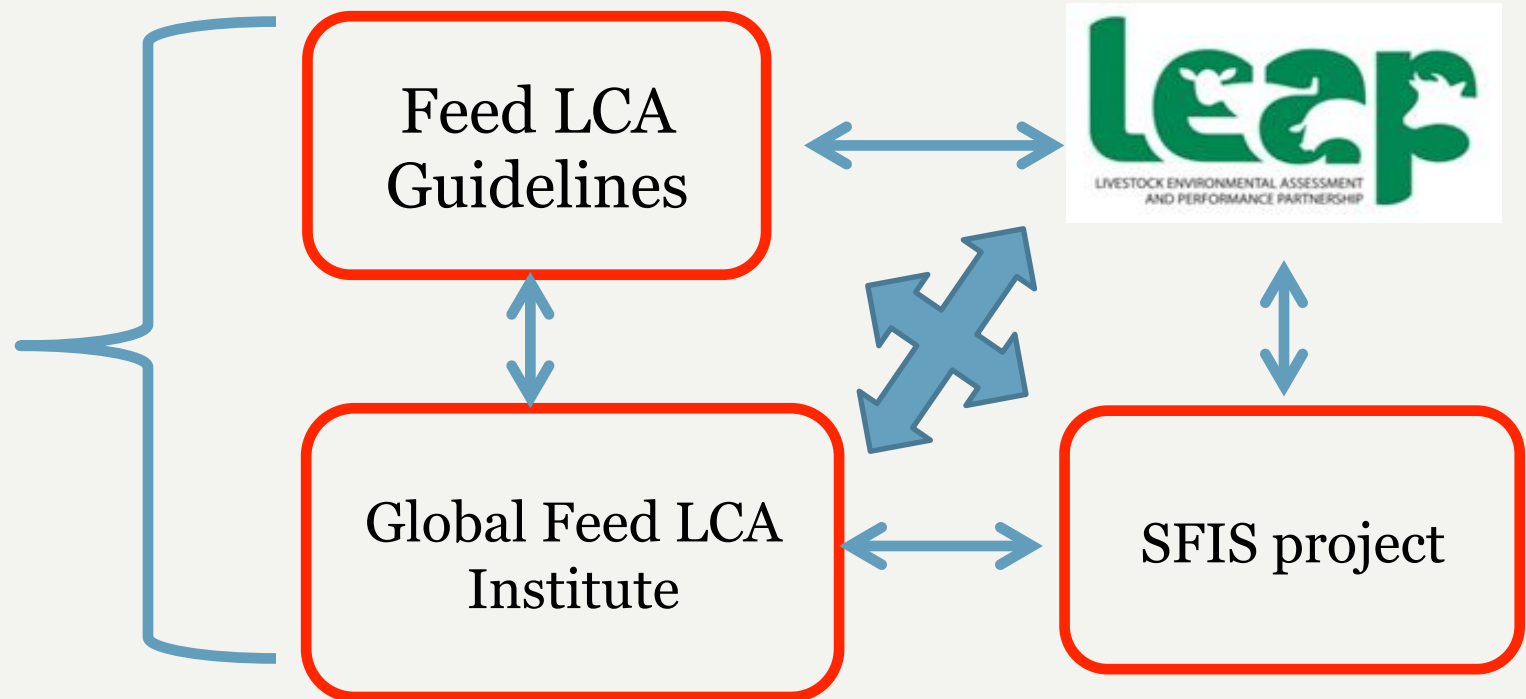
- implement the internationally recognized FAO/LEAP methodology by developing a high quality globally recognized and harmonized public database to support meaningful LCAs of livestock products
- Develop and build a feed specific publicly available (free) LCA tool to facilitate environmental assessments and the measurement of continuous improvement, which is both comparable and measurable across world regions.

GFLI deliverables

- Public database with high quality secondary data for
 - Feedmills
 - Processing of feed ingredients
 - Transportation
 - Cultivation
- LCA tool
 - Identification of areas of concern
 - Explore & identify areas for improvement
 - Training & education

Way forward: it's all about synergy!

- Global technical consistency
- Operational linkages for governance
- Alignment of objectives





International
Feed
Industry
Federation

Frank Mitloehner, PhD
Animal Science Department
University of California, Davis
95616 Davis, California, USA
+1 (530) 752-3936
fmmitloehner@ucdavis.edu

