Enhancing Food Security
Innovations in Dairy

Donald Moore
Executive Director
The Dairy Sector

- **1 billion** people strong
- **600 million** people living on farms
- **400 million** additional people are supported by the full time jobs that are created in support of dairy farming
- **240 million** people are employed, directly or indirectly, in the dairy sector
- **133 million** dairy farms
- **37 million** farms led by women, 80 million women employed in dairying

Source: UN FAO
Five Principles of a Sustainable Food System

1. Protect and Enhance Critical resources
2. Increase natural resource efficiency
3. Risk Management and Resilience Building
4. Balancing Human Needs
5. Intuitional Capacity Building
Examples of Innovations

1. Practice Innovation - Sustainability

- Cows: 49.6 million
- Farms: 2.3 million
- Processing Plants: 4161
- Liters Processed: 231 billion
- Farmers: 2.3 million
- Global Milk Production: 818 billion liters (estimate)

Global Agenda for Sustainable Livestock
Examples of Innovations

2. Technology Innovation - Robotic Milking
Examples of Innovations

3. Socio-Economic Innovations – Dairy Development

Tanzania:
Trends in Nutritional Status of Women (15 – 49)
3. Socio-Economic Innovations - Development

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