



Enhancing Food Security Innovations in Dairy

















The Dairy Sector



1 billion people strong



people are employed, directly or indirectly, in the dairy sector



600 million people living on farms



133 million dairy farms



400 million
additional people are supported by
the full time jobs that are created in
support of dairy farming



37 millionfarms 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





1. Practice Innovation - Sustainability



Cows 49.6 million

Global Milk Production 818 billion liters estimate



Farms
2.3 million







Processing Plants 4161



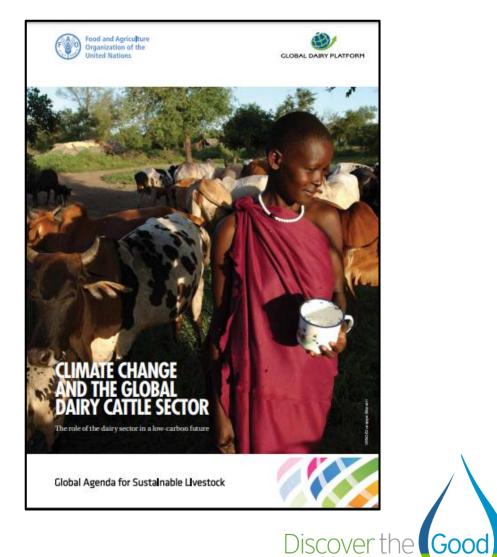


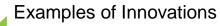


Farmers 2.3 million









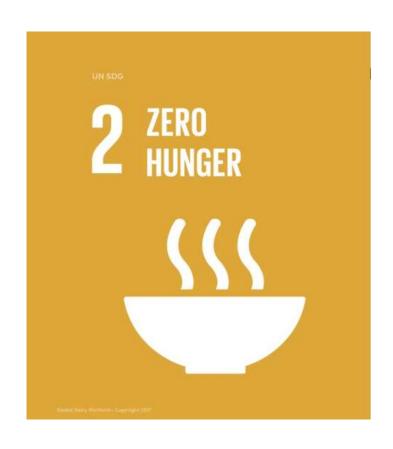
2. Technology Innovation - Robotic Milking

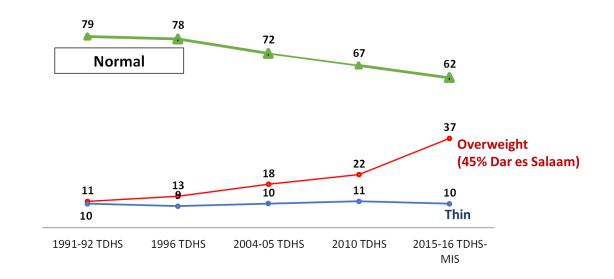




3. Socio-Economic Innovations – Dairy Development







Tanzania: Trends in Nutritional Status of Women (15 - 49)



3. Socio-Economic Innovations - Development



Visit www.globaldairyplatform.com/DNA to learn more