



Food and Agriculture  
Organization of the  
United Nations



Regional Conference on  
**Sustainable Livestock Transformation**  
for Latin America and the Caribbean



# Global Landscape Changes in the Livestock Sector Towards Sustainability

**Thanawat Tiensin**

*Assistant Director-General*

*Director, Animal Production and Health Division*

*Food and Agriculture Organization of the United Nations (FAO)*







Happiness is our concern  
Happy animals  
Happy employment..!





We gathered to share our knowledge and experiences for more efficient, inclusive, resilient, sustainable livestock systems..!





Self-reliance in food security is our goal..!  
Dairy farms in Saudi Arabia





Water scarcity and feed are our challenges...!  
Small-scale dairy farmers in Kenya





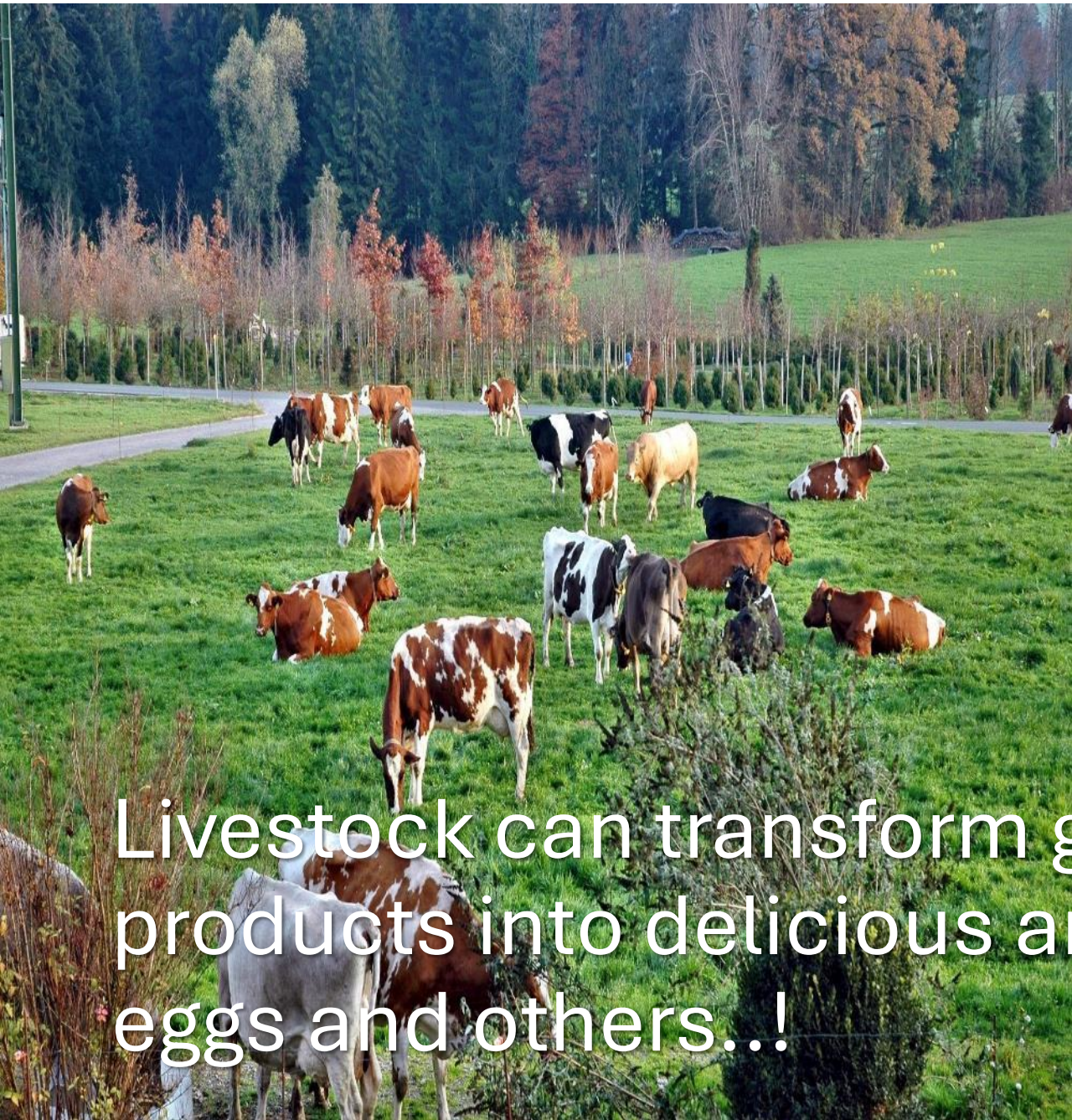
Dairy is our opportunity. We can sell our milk and manure to the cooperatives..! 80 million dairy families with over 300 million cattle and buffaloes in India





Feeding 1.4 billion people is our challenge, we need technology, innovation, and precision farming systems..!



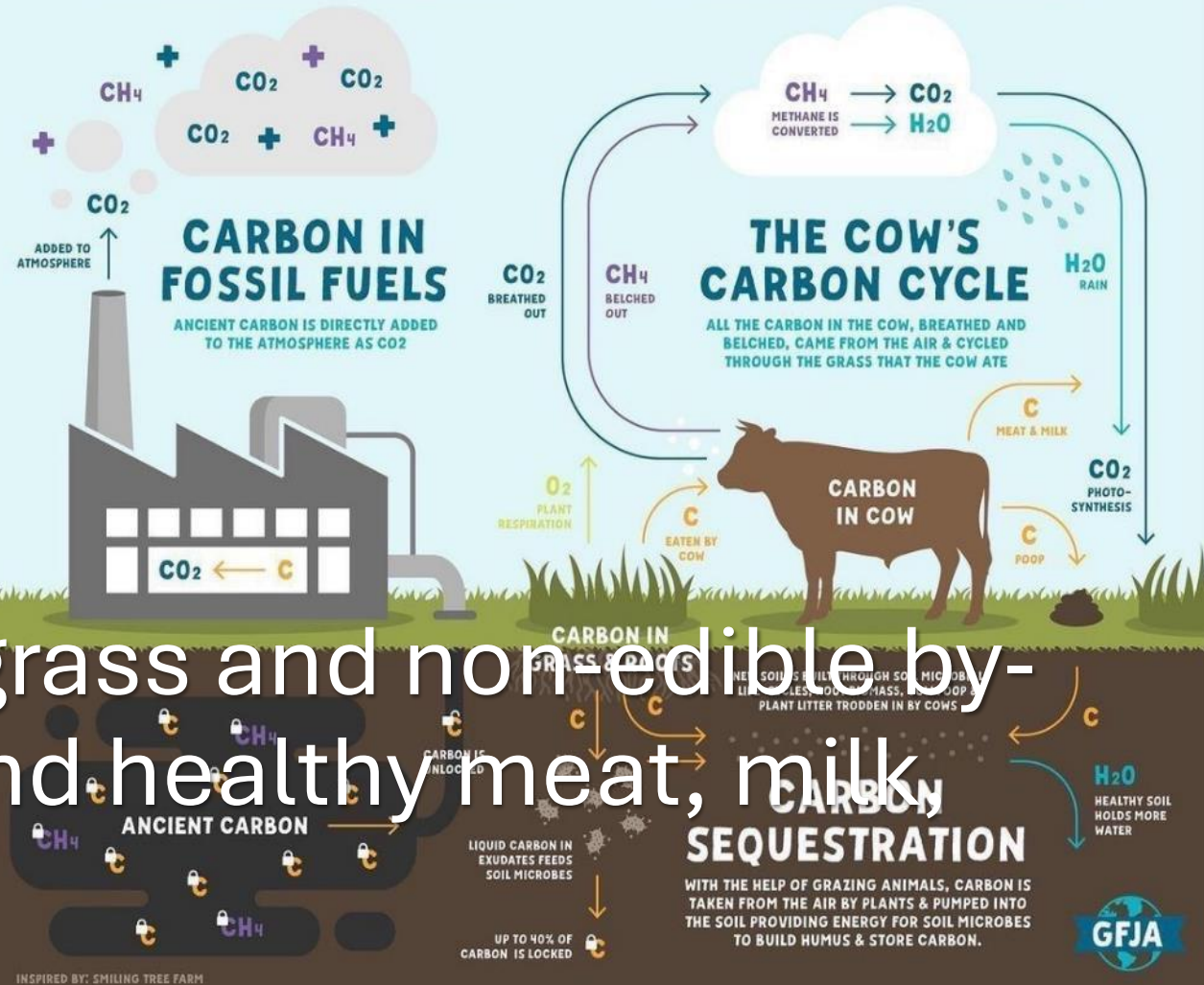


Livestock can transform grass and non-edible by-products into delicious and healthy meat, milk, eggs and others..!

# CATTLE EMISSIONS ARE CYCLED, FOSSIL FUELS ARE ADDED

NEW CARBON IS ADDED

EXISTING CARBON IS CYCLED







**We are solutions or we are a problem!**









We made history for livestock sector at the Global Conference on Sustainable Livestock Transformation in September 2023, in Rome!



# Our challenge - Feed the world sustainably



2020



7.7 billion

Global population

2050



9.6 billion

Global animal protein demand

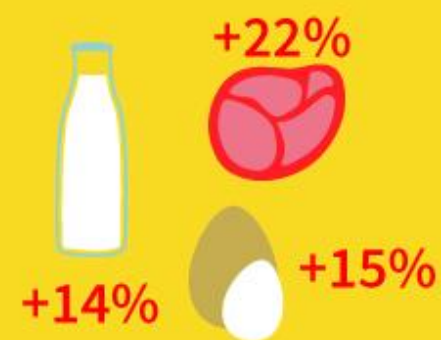


74

(Million tonnes)

88

(Million tonnes)





# Global Landscape Changes in Livestock Sector

## But we can do better! This is our commitment



Better Production, Better Nutrition, Better Environment, and a Better Life.



- *Global Governing Body*



- *High-level Expert and Advisory Panel*



GLOBAL AGENDA FOR  
SUSTAINABLE LIVESTOCK

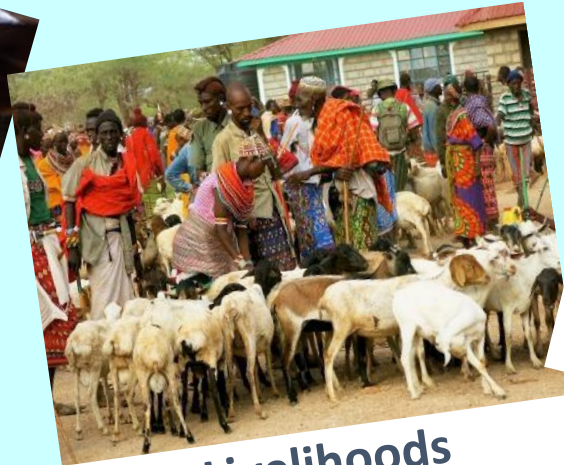
- *Multistakeholder Platform*



# Livestock contributions towards sustainability



Poverty reduction,  
rural development



Livelihoods



Women and youth  
empowerment



Draught power, manure,  
soil health, energy



Food security,  
health & wellbeing



Employment



Ecosystem services



Trade and revenue



The background is a vibrant, abstract composition of overlapping silhouettes in various colors including orange, teal, green, and red. These silhouettes represent diverse elements: human profiles, a cow, a rooster, and a hand holding a plant. The word "Gracias" is centered in a white, elegant script font.

# *Gracias*

See you at the 2025 Global Conference on  
Sustainable Livestock Transformation, 29 Sep – 1 Oct  
Making progress, Scaling innovations, Building solutions