

THE STATE OF FOOD AND AGRICULTURE 2009

Livestock in the balance

Presentation to PRIMAFF based
on work by Henning Steinfeld,
FAO

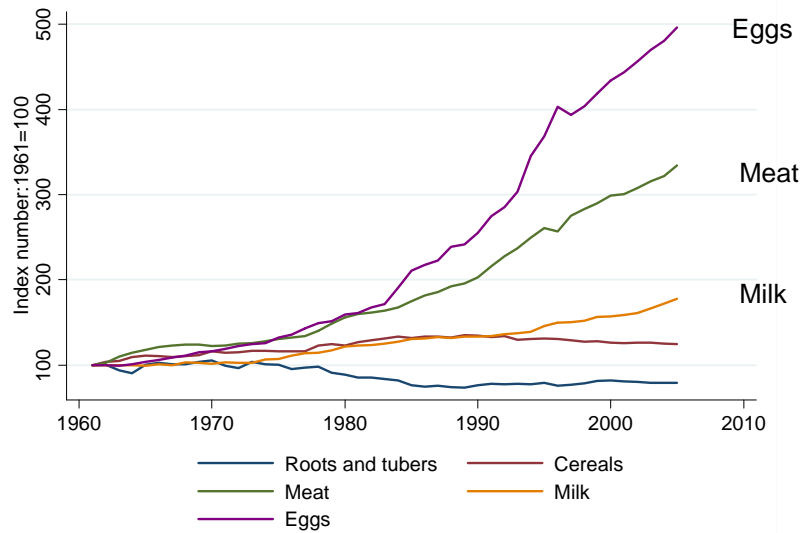


Importance of livestock

- Large, growing, dynamic sector
- Public goods at risk
 - Livelihoods and food security
 - Natural resources and the environment
 - Animal diseases and human health
- Needs better policies, institutions and regulations
- Conflicts and trade-offs

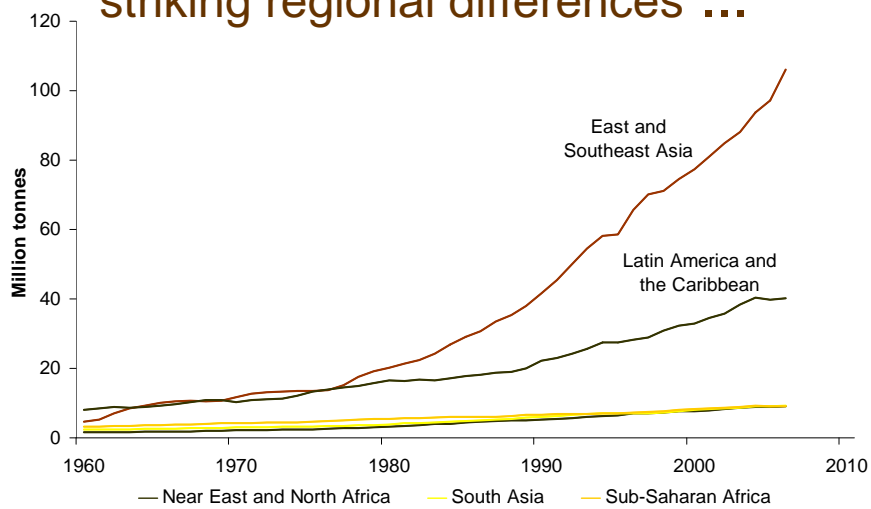


Consumption is growing rapidly in developing countries ...



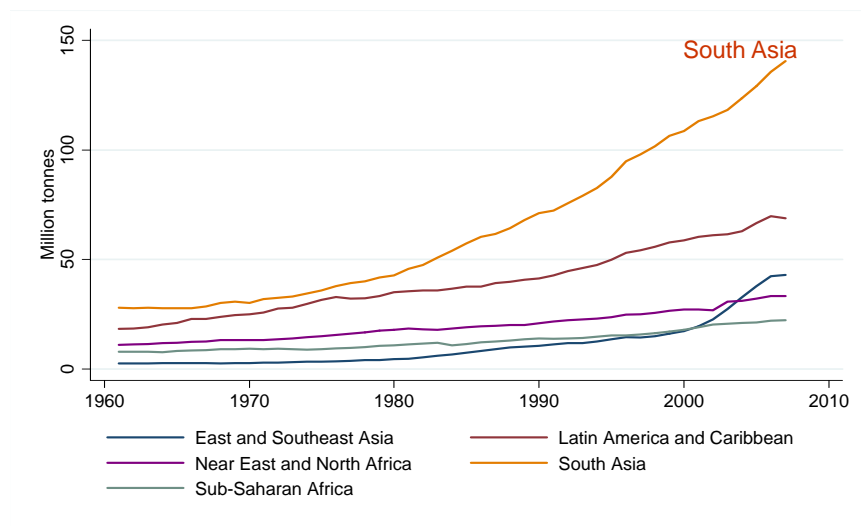
Per caput consumption of major food items in developing countries – kg per caput per year (index numbers 1961=100)

Meat production is growing, with striking regional differences ...



Source: The State of Food and Agriculture 2009.

... but South Asia dominates growth in milk production



Source: The State of Food and Agriculture 2009.

Livelihoods and food security

- Livelihoods
 - 1 billion people keep livestock
 - 60 percent of rural households
 - livestock have multiple functions
- Food supply
 - 15 percent of dietary energy
 - 25 percent of protein supply



Food Security: what can we do?

- Support smallholders with policy and institutional reform, capacity building, technological innovation and investment
- Recognize and protect the safety-net role played by livestock
- Ease the transition out of the sector



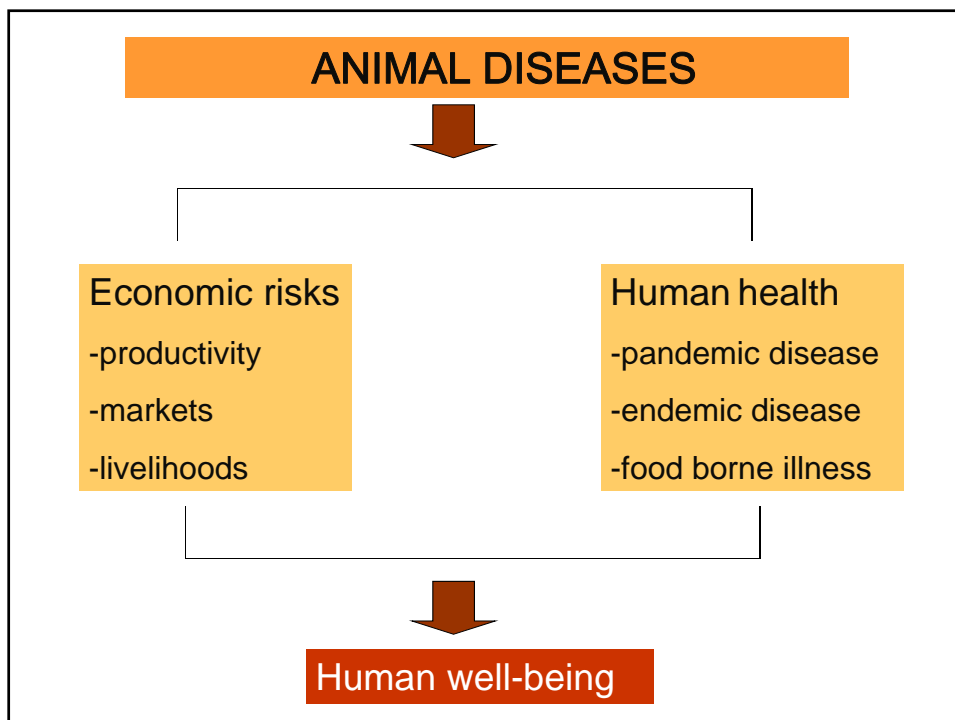
Natural resources and the environment

- 30 percent of all land
- 80 percent of agric. land
- 8 percent of global freshwater resources
- 18 percent of GHG emissions



Environment: what can we do?

- Correct market distortions and policy failures
 - regulatory frameworks
 - payment for environmental services
 - other market-based mechanisms and institutions
 - taxes and fees
- Technology to increase resource use efficiency
- Certification schemes, product labeling



Animal and human health: what can we do?

- Manage the location of livestock
- Early warning systems
- Engage the poor
- Multi-disciplinary integration of approaches (eg. One Health)

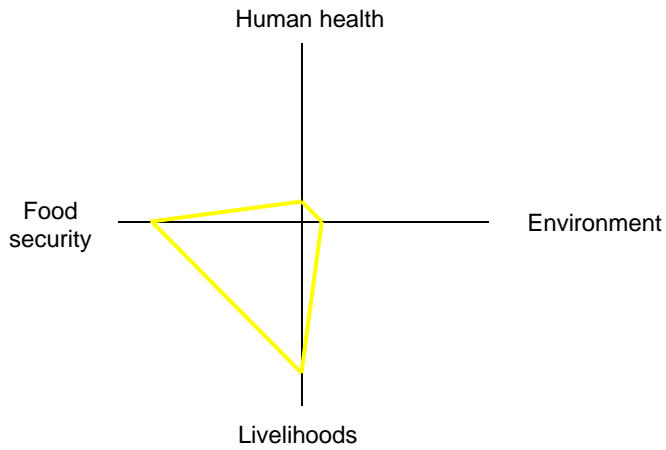


Balancing objectives

- Livelihoods
- Food security
- Environment and natural resources
- Human health



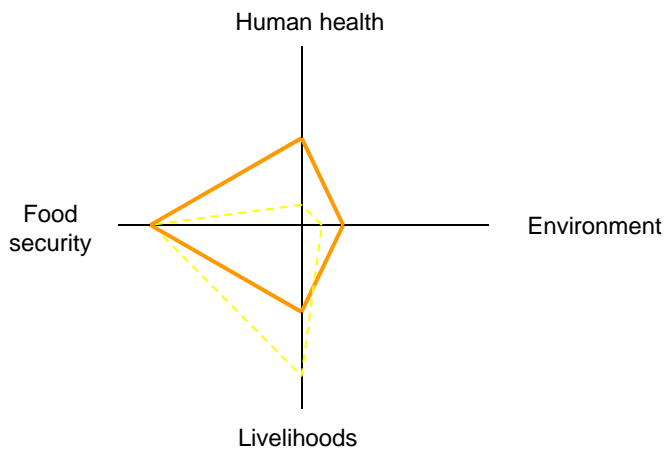
Balancing objectives



- Low development
- - - Slow industrialization
- - - Rapid industrialization
- - - Post-industrial



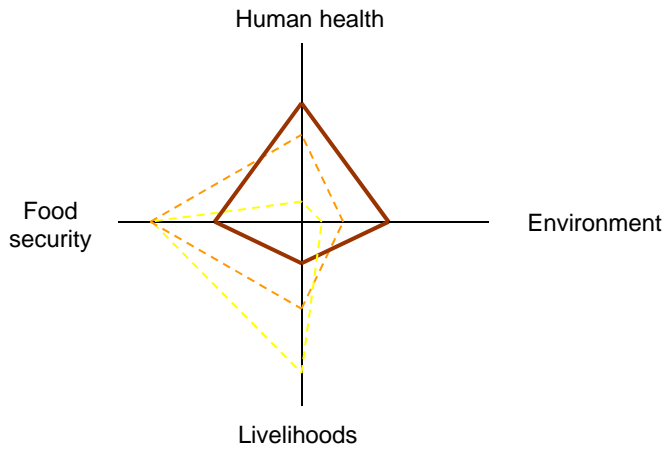
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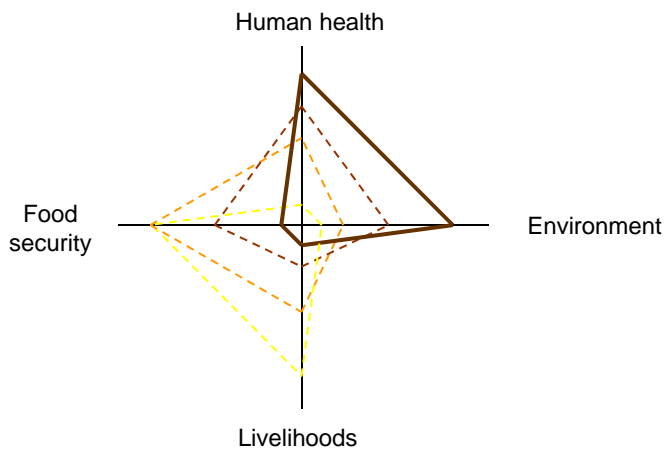
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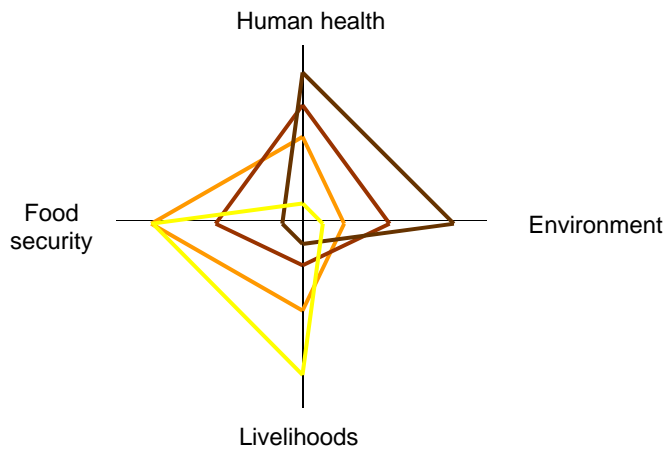
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Balancing objectives



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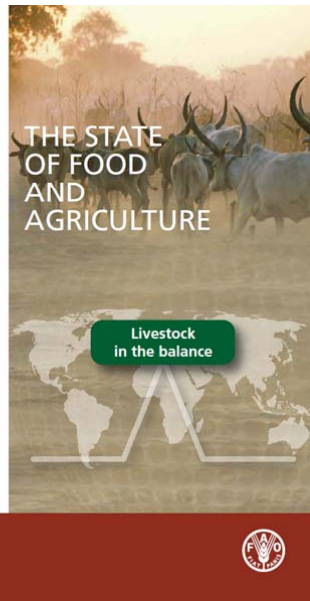


Why the impasse?

- Pace of change
- Political battlefield: conflicts and trade-offs
- Dichotomous nature of the livestock sector



2009



**The State of
Food and Agriculture**
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