



**GLOBAL AGENDA OF ACTION**  
IN SUPPORT OF SUSTAINABLE LIVESTOCK SECTOR DEVELOPMENT



# Sustainable Livestock - For people, for the planet

Jeroen Dijkman, FAO

FAO Online learning event  
Tackling climate change through livestock: Global assessment and multi-stakeholder initiative,  
22-24 October, 2013

# Contributions of the Sector

- **Supports livelihoods**  
1 billion poor, 40% of agricultural GDP, 3.5% annual growth
- **Food security and nutrition**  
26% of global protein consumption, critical micronutrients
- **Economic development**  
Poverty reduction, income increase, international trade
- **Non-food services**  
Fertilizer, draught, fibre, household capital reserve, by-products

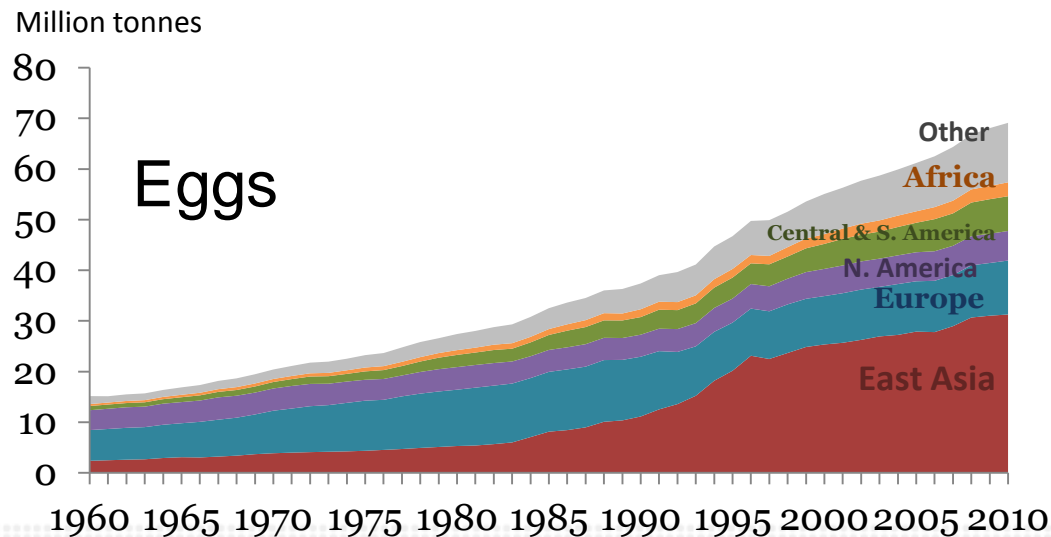
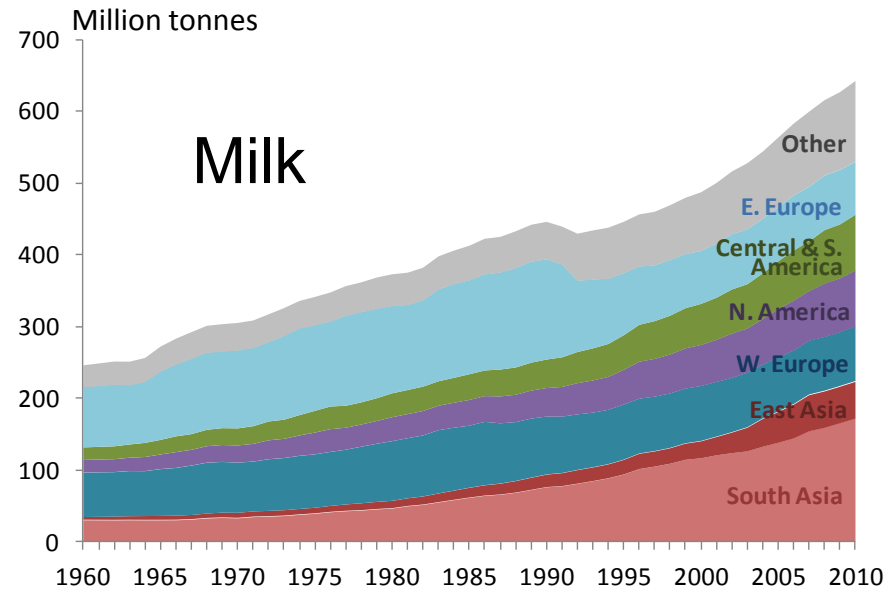
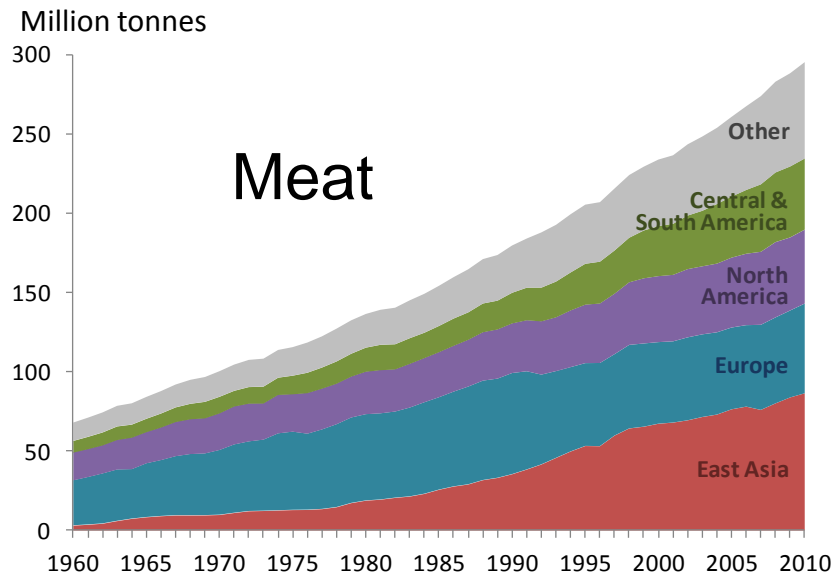


# Global Resources

- **Livestock as users of global resources**
  - Energy, nutrient, land, water
  - Grazing occupies 26% of earth's land surface
  - 33% of cropland for livestock feed
- **Externalities**
  - GHG emissions – 14% of global total
  - Nutrient emissions – water quality
  - Overgrazing
  - Biodiversity
  - Land use change



# Livestock Sector Trends: World Production



# Drivers of Consumption and Future Trends

## World demand for livestock food products since 1990:

Milk +30%

Meat +60%

Eggs + 80%

*+70% by 2050*

### ○ Population growth:

+30% since 1990

*+30% or 9.6 billion people by 2050*

### ○ Income growth:

+1.5%/year since 1980, +5 to 7%/year in Asia

*+2%/year to 2050*

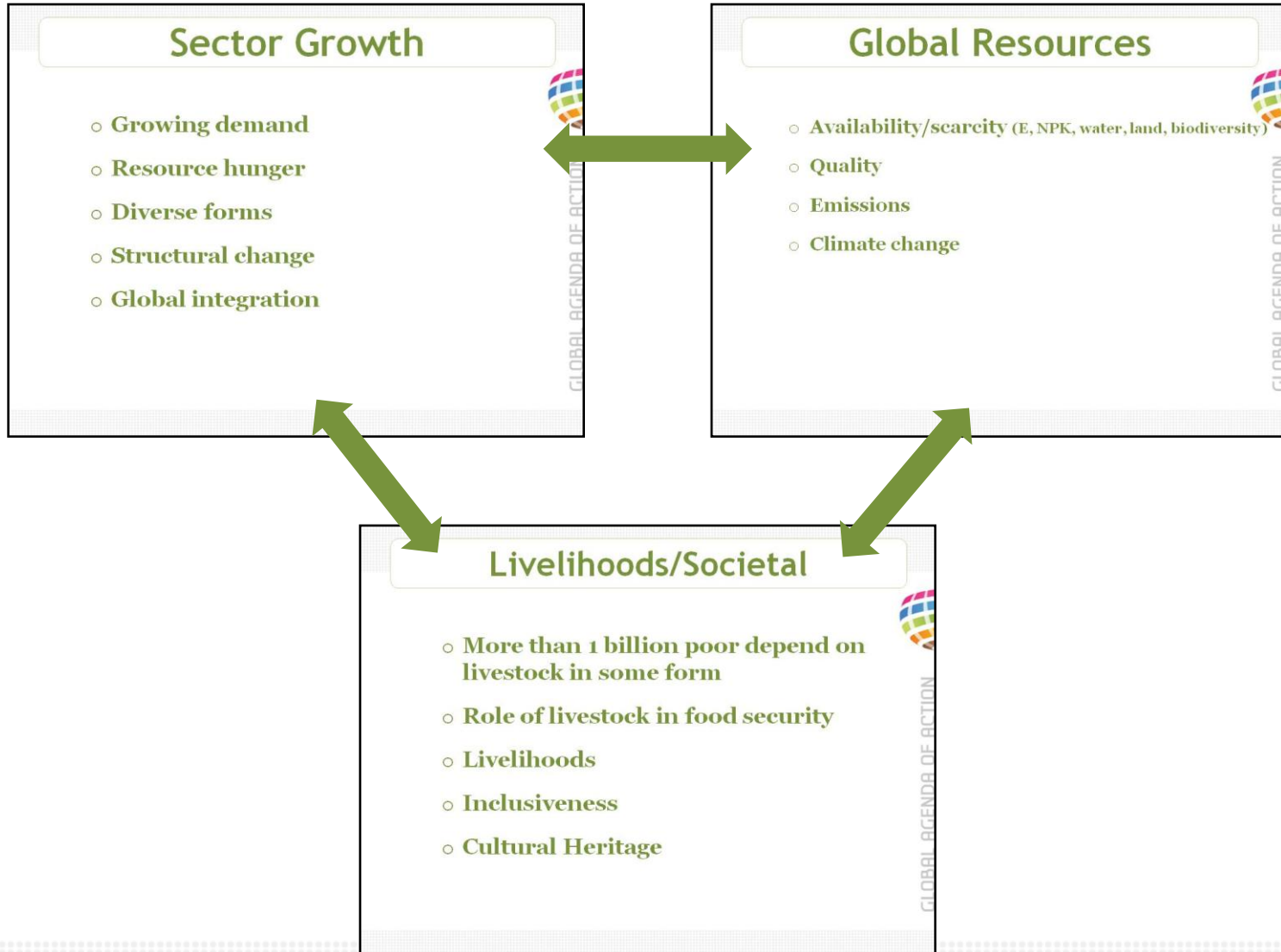
### ○ Urbanization:

20% in 1900, 40% in 1990, >50% in 2010

*70% of urban people in 2050*



# The Agenda Links Three Issues of our Time



# Growth in Context

**Livestock sector growth sits within a triangle that has to be reconciled:**

- **Sustainably;**
- **Locally and globally;**

**... and requires coherent multi-stakeholder action**

**The sector needs to produce more, from less, with benefits to all.**



## Three Focus Areas: large sustainability gains

- **Closing the efficiency gap**

Changes in production practices ensure a better use of natural resources and enhance food security

- **Restoring value to grassland**

Appropriate land management can protect soils, water resources and biodiversity, while enhancing livelihoods

- **Waste to worth**

Recovering energy and nutrients from animal manure protects the environment and provides economic gains





# Nature of the Agenda

- **Multi-stakeholder partnership**
- **Open and voluntary** – but membership of the Focus Area Groups and Guiding Groups subject to signing the *Agenda Consensus*
- **Inclusive and consensual**
- **Direction of change**
- **Knowledge based**
- **Respect**



# The Agenda - Functions

- **Consult & Network**  
To build consensus and share knowledge on technology, best practices, policies and institutional environments.
- **Analyze and Inform**  
To better understand resource use issues; to develop harmonized methods to measure resource use efficiency and identify entry points for improvements.
- **Guide & Pilot**  
To provide strategic guidance on innovation and investments and to catalyze resource use efficient practices at scale.
- The partnership enhances the **shared understanding** of development issues and builds **consensus** on the path towards sustainable food security through dialogue, consultation, and joint analyses.
- **Consensus** forms the basis of stakeholder **commitment** to innovation and investment in **practice change** that contributes to large environmental, social and economic gains.



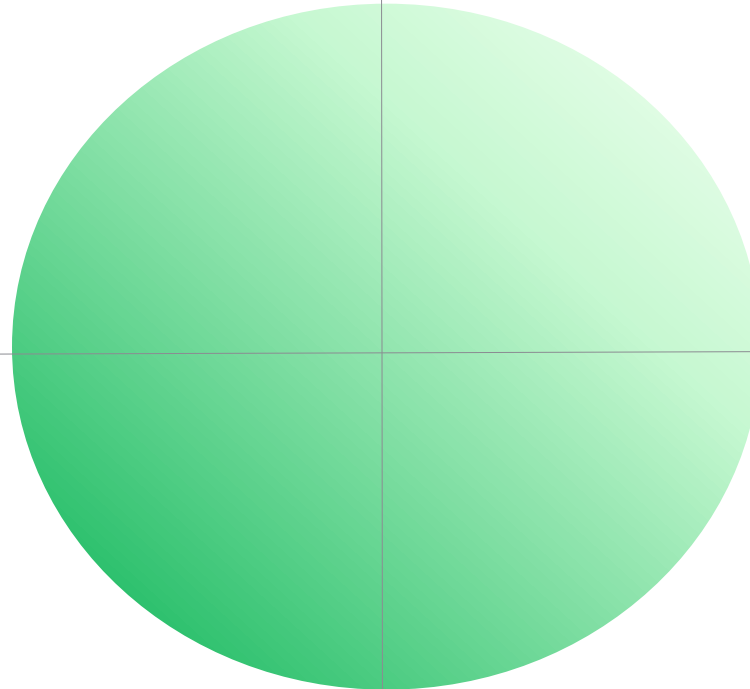
# SUSTAINABILITY - PRACTICE CHANGE – ONGOING AGENDA TASKS

**EVIDENCE**  
UNDERSTAND  
PROBLEMS AND  
OPPORTUNITIES

Assessments  
Foresight  
Indicate solutions

Awareness  
Innovation  
Markets

**PRACTICE  
CHANGE**  
CONTINUOUS  
IMPROVEMENT



**DIALOGUE**  
EXCHANGE  
CONSULT

Platforms  
Joint action  
Harmonized parameters  
and procedures

Guidance  
Regulations and  
standards  
Targeting  
financing

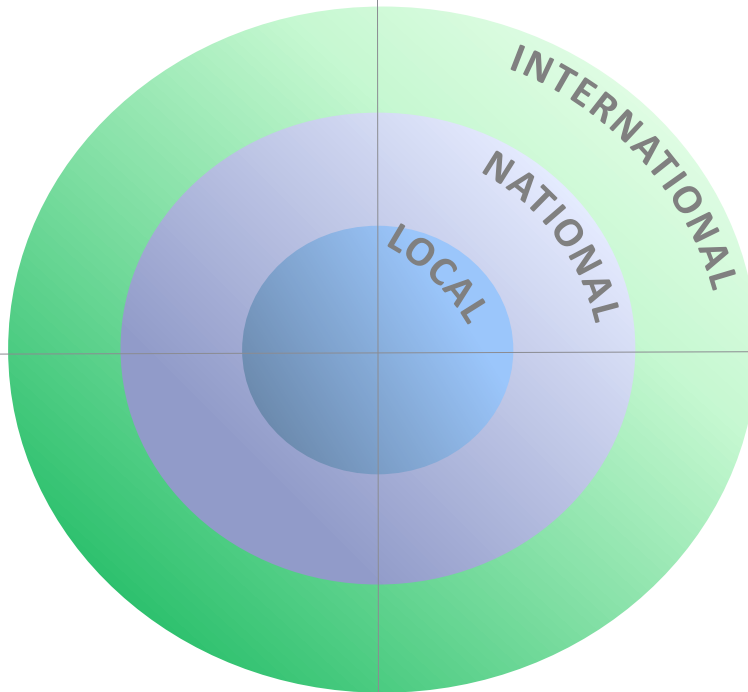
**TOOLS**  
GUIDANCE  
(RULES)  
INCENTIVES



# LEVELS OF THE PROCESS

**EVIDENCE**  
UNDERSTAND  
PROBLEMS AND  
OPPORTUNITIES

**DIALOGUE**  
EXCHANGE  
CONSULT



**PRACTICE  
CHANGE**  
CONTINUOUS  
IMPROVEMENT

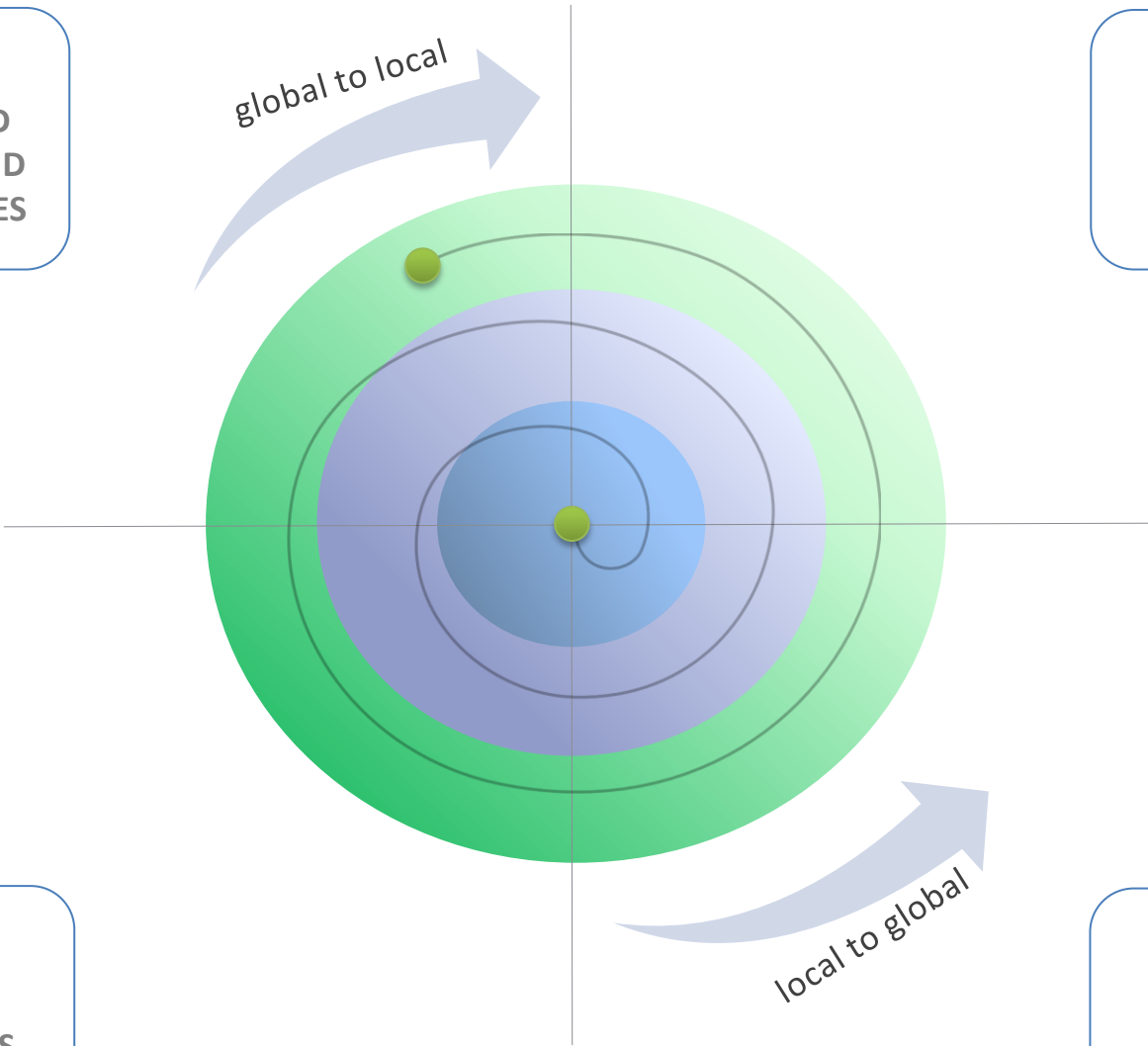
**TOOLS**  
GUIDANCE  
(RULES)  
INCENTIVES



# LEVELS OF THE PROCESS

**EVIDENCE**  
UNDERSTAND  
PROBLEMS AND  
OPPORTUNITIES

**DIALOGUE**  
EXCHANGE  
CONSULT



**PRACTICE**  
**CHANGE**  
CONTINUOUS  
IMPROVEMENT

**TOOLS**  
GUIDANCE  
(RULES)  
INCENTIVES

# Initial Set Up

- **Open Multi-stakeholder Platform (partnership)**  
for consensus building on priority issues and actions
- **Guiding Group**  
for overall direction, communication and stakeholder connection
  - Only for signatories of the Consensus
- **Focus area groups**  
to implement the partnership joint work programs
  - Only for signatories of the Consensus
- **Support Group**  
for coordination and consensus building, assistance and guidance, support to the Agenda process and components, communication strategy, currently hosted by FAO



# Global Agenda of Action

- **Multi-stakeholder** partnership committed to sustainable livestock sector development
- **Continuous improvement** of natural resource use
- Links three **BIG** challenges of our time
  - Resource Scarcity
  - Demand growth
  - Poverty
- *Addresses* unprecedented challenges
- *Unites* the forces of all sector actors
- *Focuses on* themes with a high potential for change
- *Informs, guides and catalyzes* practice change
- *Supports* innovation and investment in viable sector solutions





**GLOBAL AGENDA OF ACTION**  
IN SUPPORT OF SUSTAINABLE LIVESTOCK SECTOR DEVELOPMENT

**Thank You**

[Jeroen.Dijkman@fao.org](mailto:Jeroen.Dijkman@fao.org)

[www.livestockdialogue.org](http://www.livestockdialogue.org)