Towards sustainability: livestock on the move
Livestock sector drivers and outcomes

Drivers

- Population growth
- GDP growth
- Urbanization
- Globalization

Leading to...

- More demand for animal-source foods, especially in low- and middle-income countries

Outcomes

- Increased production and productivity to meet demand
- Structural changes in the livestock sector
- More movement and trade in livestock and products

Concerns over sustainability

- Food and nutrition security
- Livelihoods and economic growth
- Health and animal welfare
- Climate and natural resource use
Livestock and the 2030 agenda
Livestock on the move

Main Themes

- Many are undernourished and many are overweight
- AFS role in first 1,000 days
- ASF contribution to protein and calorific intake
- Contribute to food security at various scales
- Feed/food debate

What’s moving?

- Supply-demand surplus and deficits
- Trade and movement of feed and livestock products
Livestock and the 2030 agenda

- Partnership for the goals
- No poverty
- Zero hunger
- Good health & well-being
- Quality education
- Gender equality
- Clean water & sanitation
- Affordable & clean energy
- Decent work & economic growth
- Industry, Innovation & infrastructure
- Reduced inequalities
- Sustainable cities & communities
- Climate action
- Life below water
- Life on land
- Peace, justice & strong institutions
- No poverty

Food and nutrition security
Livestock on the move

Main Themes

• Diverse products and services beyond food
• Sector contributions to economic growth
• Livestock’s role in enhancing resilience against shocks
• Does the sector enhance or detract from equity (children, youth, women)?
• Livestock sector exit

Movement Themes

• Pastoralism – movement of animals and people
• Structural change: exits and marginalization
• Distribution of benefits: value addition
Livestock and the 2030 agenda
Livestock on the move

Main Themes

- Economic costs of animal diseases
- Burden of food-borne diseases from ASF
- Role in zoonoses, emerging disease, pandemic threats
- Issues of poor animal welfare
- Use and abuse of antimicrobials in livestock

What’s moving?

- Movement of live animals
- Movement of pathogens (e.g. HPAI)
- Movement of antimicrobial genetic determinants
- Shifting consumer demands
Livestock and the 2030 agenda

1. No poverty
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7. Affordable & clean energy
8. Decent work & economic growth
9. Industry, Innovation & infrastructure
10. Reduced inequalities
11. Sustainable cities & communities
12. Responsible consumption & production
13. Climate action
14. Life below water
15. Life on land
16. Peace, justice & strong institutions
17. Partnership for the goals

Health and animal welfare
Livestock on the move

Main Themes

• Livestock draw heavily on NR but also contribute to environmental services
• Major contribution to GHG emissions
• Important impacts also on the balance of C sequestration in forests and pastures
• Play important roles in the (re-)cycling of nutrients

Movement Themes

• Changing climate and variability
• Virtual resource movement – water, nitrogen (e.g. feed)
• Movements over different geographical and temporal scales – local versus long-range, immediate versus long-term (e.g. CO₂)
Livestock and the 2030 agenda

Climate and natural resource use

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- Responsible consumption & production
- Climate action
- Life on land
- Life below water
- Peace, justice & strong institutions
- Mongolia, 11-25 June 2018
Livestock on the Move: Priority Themes

- Food and nutrition security
- Health and animal welfare
- Livelihoods and economic growth
- Climate and natural resource use