

# Working Group 4

International trade, livestock systems sustainability, public health and animal welfare – are they compatible and how can these goals be better aligned?

# Question 1 – International Trade

- Identify the quality and benefits of products
  - Measure it
  - Make it transparent
- Take consumption patterns into consideration
  - Broad diversity worldwide
  - Waste in one place can be highly demanded elsewhere
- Create incentives for regional trade and rural development (not banning international trade by law)
- Internalization of external costs

# Question 1 – International Trade

- Any solutions, research or policy for future of livestock trade should emphasize
  - Sustainability
  - Animal and public health
  - Animal welfare
  - Livelihoods

# Question 2: Farm size and infectious disease risk

- Not only size matters, also the type of holding system (intensive/extensive) determines disease risk, and it varies per disease
- More research is needed on the effect of farming systems or landscapes on infectious diseases, incl. Zoonoses

## Prevention:

- Surveillance (incl. in the intensive systems) with transparent results for animal & public health
- Healthy environment for animals
  - Fresh air
  - Free movement
  - Sunlight

# Question 3: Climate

- Take whole chain in consideration with calculations
- Holistic approach is necessary (e.g. not only CO<sub>2</sub> or methane)
- Fossil fueled agriculture is not sustainable: need to think about a transition to e.g. solar based agriculture
- Close the chain: manure is not only output (waste), it is an input.  
Closed cycle → sustainable  
Artificial fertilizer → non-sustainable