

# Humane sustainable agriculture: Farm animal welfare and livestock sector development



Dr Michael Appleby  
Chief Scientific Adviser  
Stephen Chacha  
Public Affairs Manager, Africa  
Arjan van Hoewelingen  
Senior Public Affairs Manager

# Sustainability

livestock's long shadow

environment

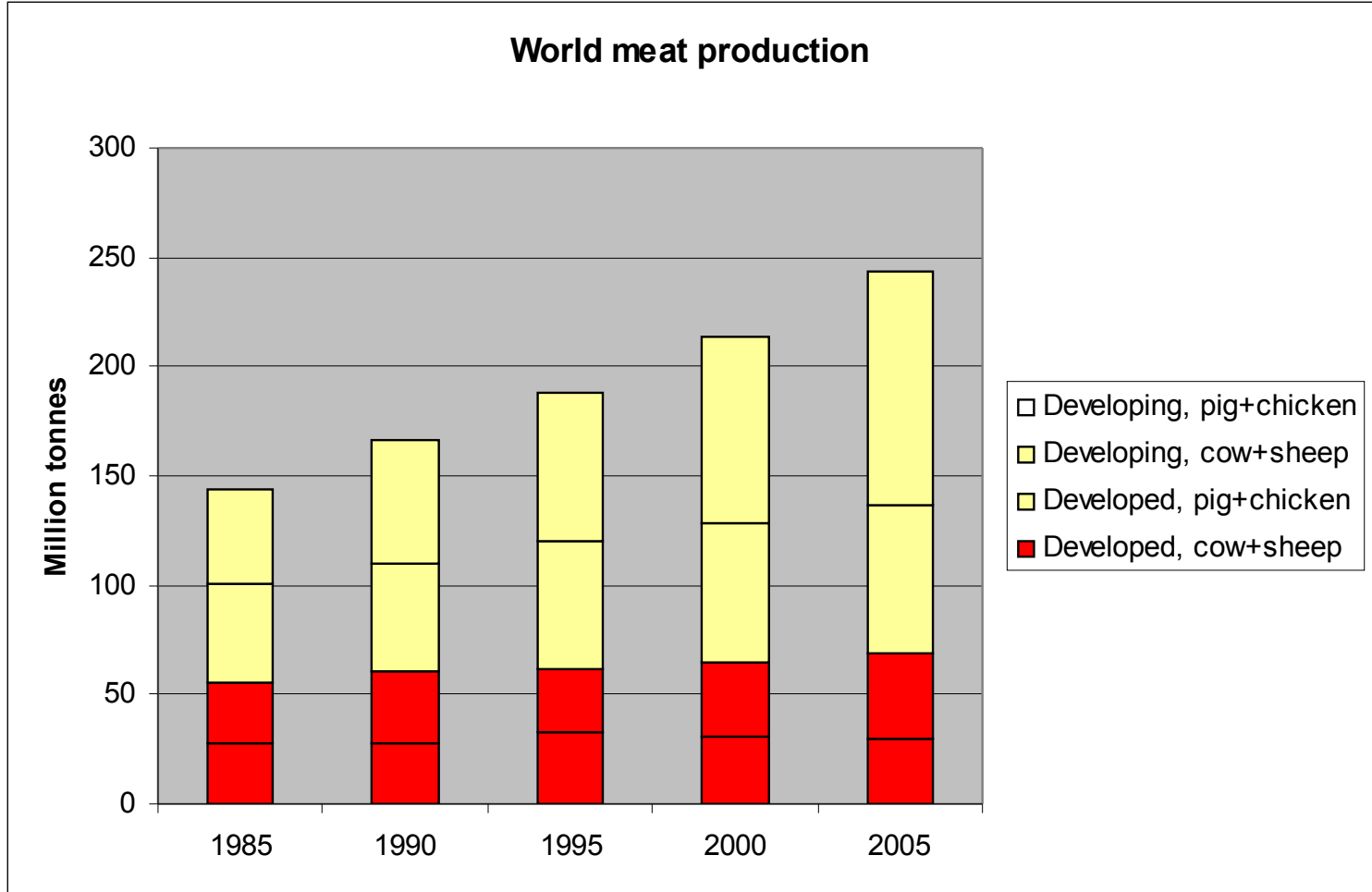


of  
issions  
ction  
from



FAO 2006

**WSPA**



# Why consider farm animal welfare?

- Public
- Farmers, packers, retailers
- Non-Governmental Organisations
  - RSPCA Freedom Food
- National governments
- European Union
  - European Food Safety Authority
- Council of Europe
- World Organisation for Animal Health (OIE)
- UN Food & Agriculture Organisation



**Animal welfare:  
the best vaccine**



## **Def nition of animal welfare (OIE)**

Animal welfare means how an animal is coping with the conditions in which it lives.

An animal is in a good state of welfare if (as indicated by scientific evidence) it is healthy, comfortable, well nourished, safe, able to express innate behaviour, and if it is not suffering from unpleasant states such as pain, fear, and distress.

## Def nition of animal welfare (OIE)

Animal welfare means how an animal is coping with the conditions in which it lives.

An animal is in a good state of welfare if (as indicated by scientific evidence) it is **healthy**, comfortable, **well nourished**, safe, able to express innate behaviour, and if it is not suffering from unpleasant states such as pain, fear, and distress.

## Def nition of animal welfare (OIE)

Animal welfare means how an animal is coping with the conditions in which it lives.

An animal is in a good state of welfare if (as indicated by scientific evidence) it is **healthy, comfortable, well nourished, safe, able to express innate behaviour, and if it is not suffering from unpleasant states such as pain, fear, and distress.**

### Five freedoms

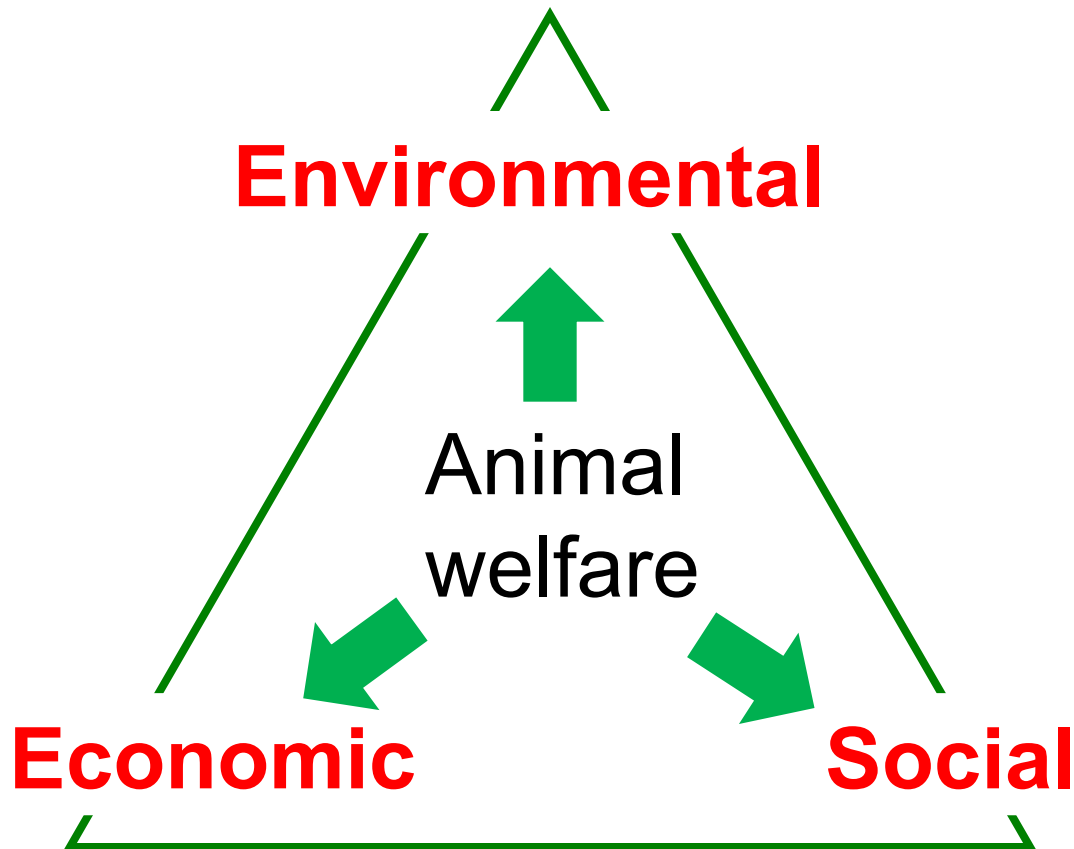
- Freedom from hunger and thirst
- Freedom from discomfort
- Freedom from pain, injury and disease
- Freedom to express normal behaviour
- Freedom from fear and distress



## Principles for animal welfare (OIE)

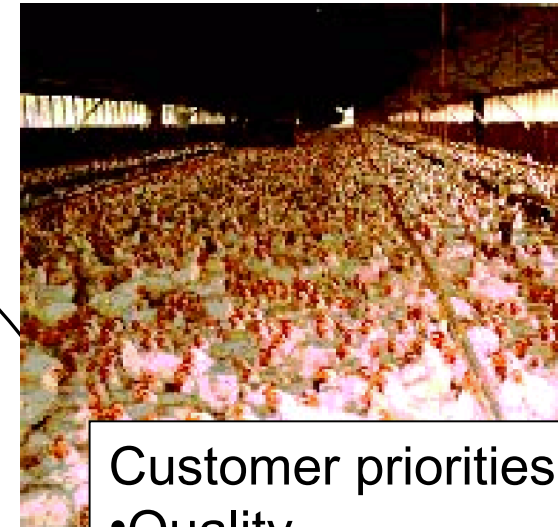
- Critical relationship between animal health and animal welfare **Economic, social**
- Use of animals carries duty of care to ensure their welfare **Social**
- Improvements in farm animal welfare often improve productivity and food safety and lead to economic benefits **Economic**
- Improvements in farm animal welfare often lead to environmental benefits **Environmental**

# Sustainable livestock production and consumption



# Economics and animal welfare

Welfare



- Customer priorities
- Quality
  - Health
  - Natural
  - Organic
  - Animal welfare

Productivity



McInerney



# Environment and animal welfare



60,000,000,000

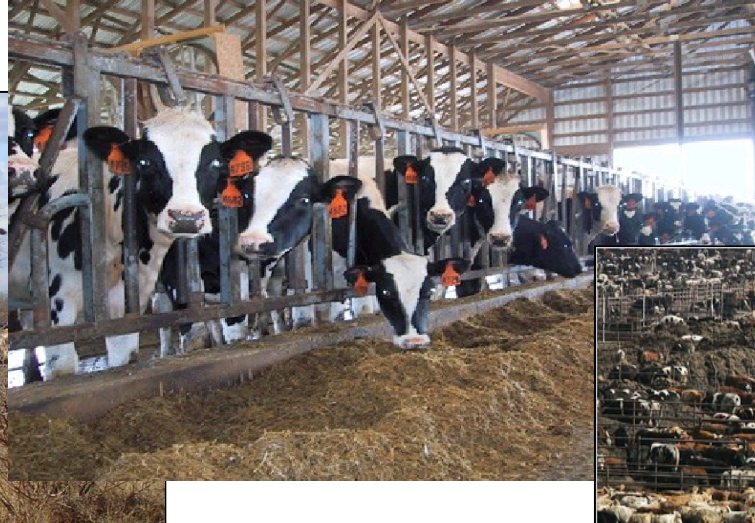


5,000,000,000

80,000,000,000



# Environment and animal welfare



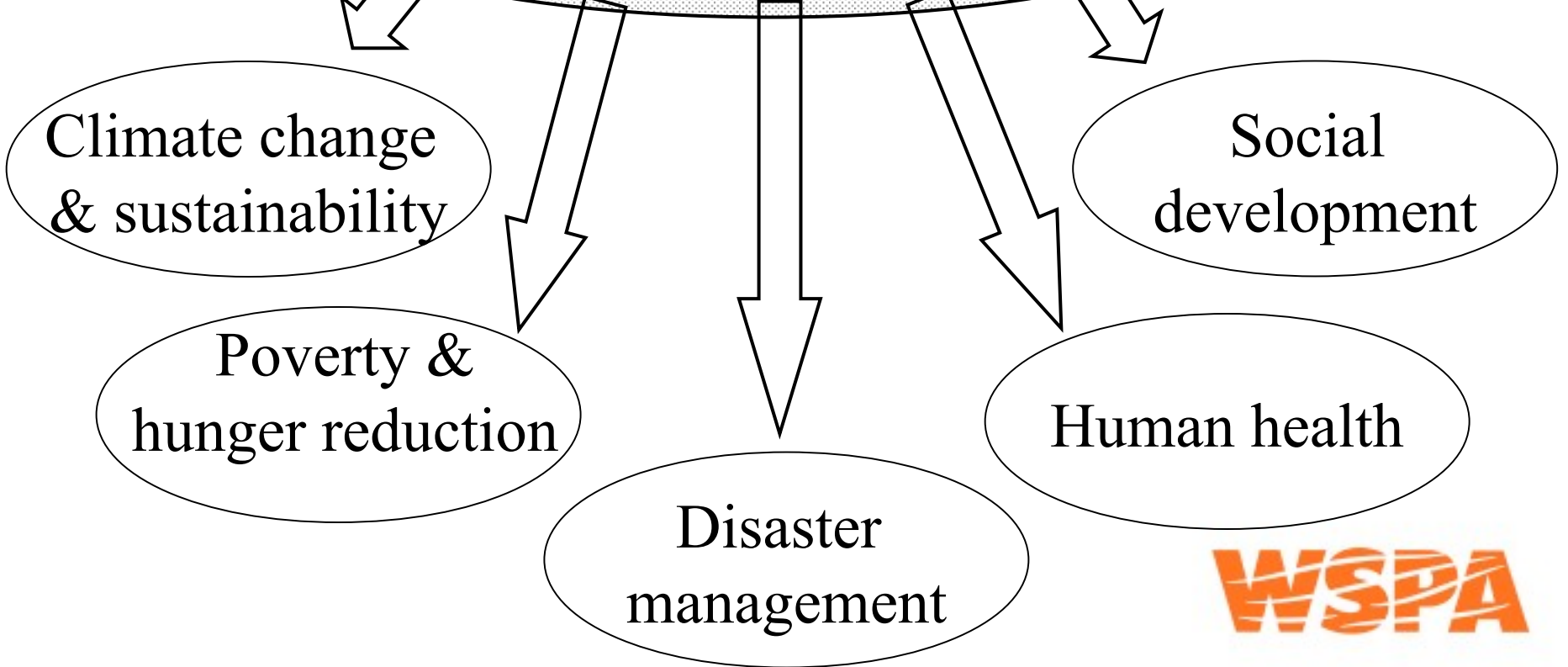
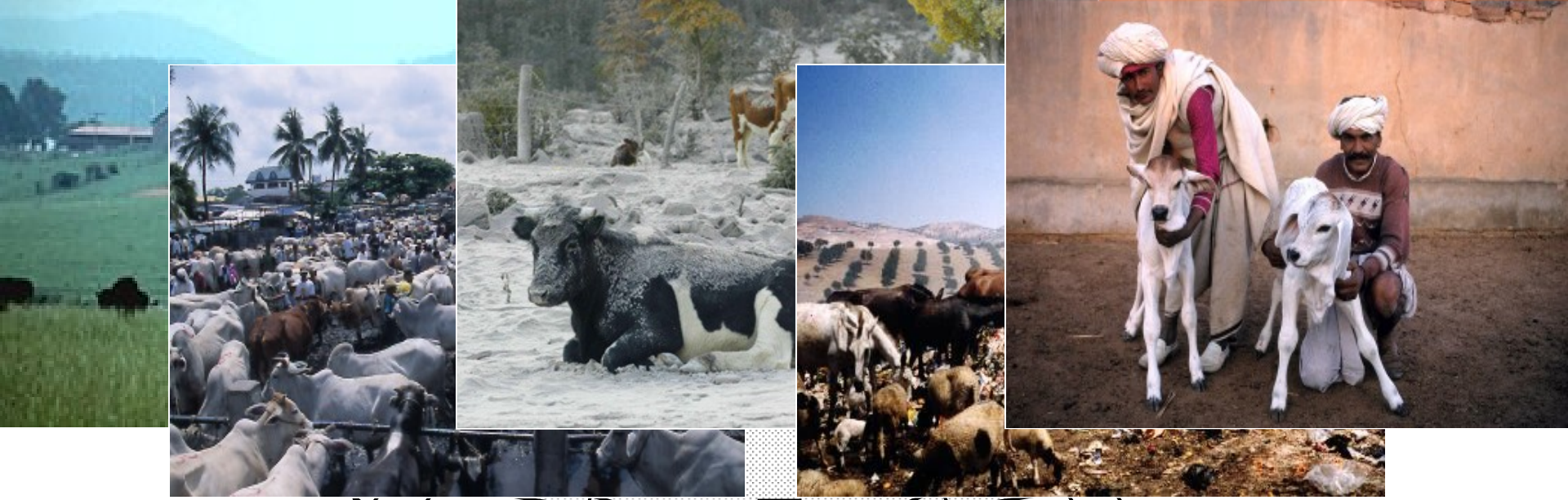
## Principles for animal welfare (OIE)

- Critical relationship between animal health and animal welfare **Economic, social**
- Use of animals carries duty of care to ensure their welfare **Social**
- Improvements in farm animal welfare often improve productivity and food safety and lead to economic benefits **Economic**
- Improvements in farm animal welfare often lead to environmental benefits **Environmental**

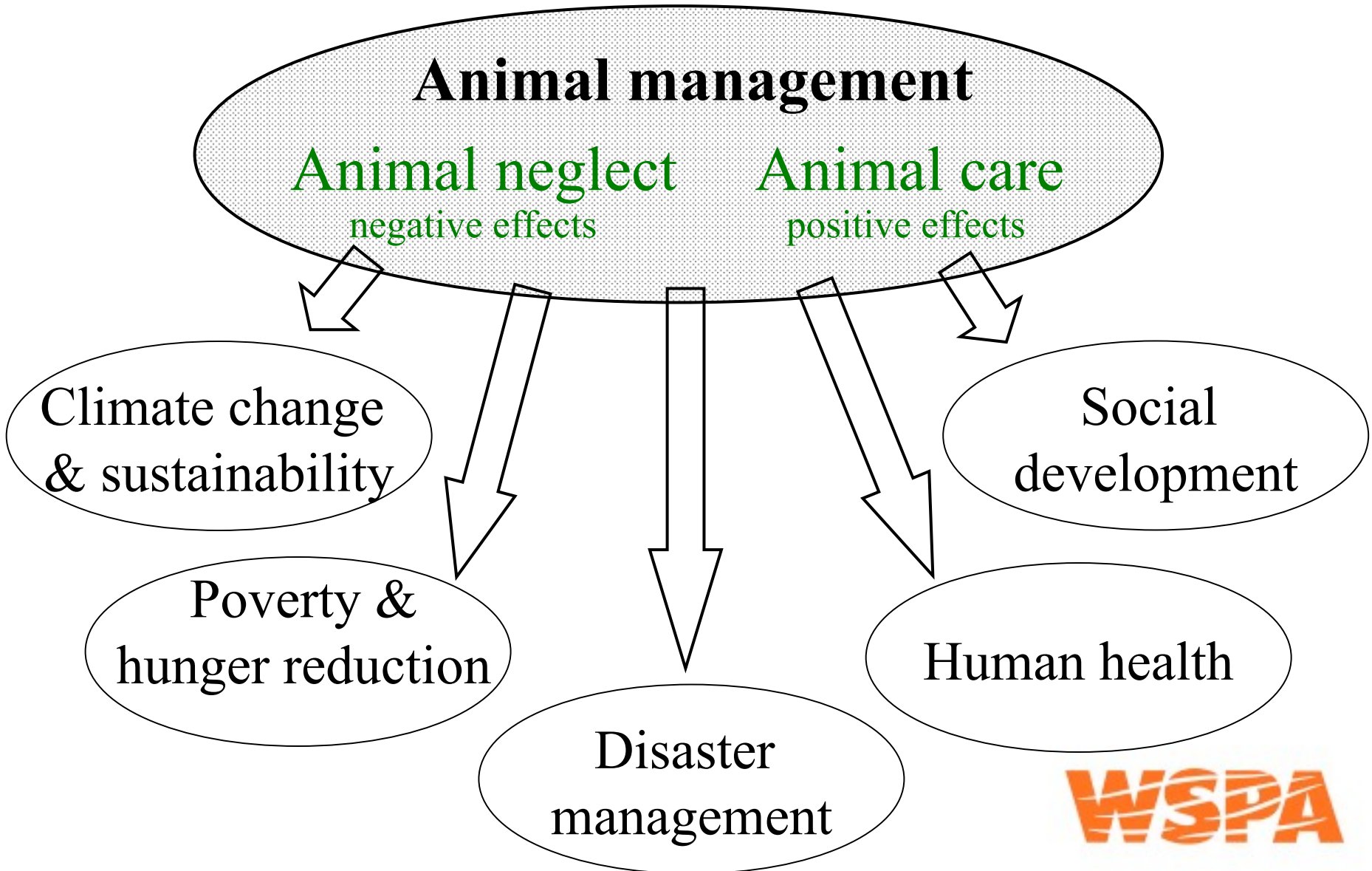
## Rio + 20

111. We reaffirm the necessity to promote, enhance and support **more sustainable agriculture, including crops, livestock**, forestry, fisheries and aquaculture, that improves food security, eradicates hunger, and is economically viable, while conserving land, water, plant and animal genetic resources, biodiversity and ecosystems, and enhancing resilience to climate change and natural disasters. We also recognize the need to maintain **natural ecological processes that support food production systems**.

112. We stress the need to enhance **sustainable livestock production systems, including through improving pasture land** and irrigation schemes in line with national policies, legislation, rules and regulations, enhanced sustainable water management systems, and efforts to eradicate and prevent the spread of animal diseases, recognizing that the **livelihoods of farmers including pastoralists and the health of livestock are intertwined**.







# Humane sustainable agriculture

