# **HLD Health & Environment - DPSIR**

### Drivers

- Increasing levels of, and changes in, resource use and consumption (eg. meat)
- Lack of understanding (policy makers) re. links between human health and the environment
- Poor governance/ stewardship of natural resources and environment
- Cultural changes

#### Pressures

- Land use change
- Livestock intensification
- Unsustainable and illegal harvesting/ resource use
- Invasive alien species
- Legal and illegal wildlife and live animal trade

#### State

- Biodiversity and habitats
- Human health & well-being
- Livestock/ domestic animals health
- Food systems
- Ecosystem services

## **Responses\*?**

- Regulation/ reduction of domestic livestock density
- Increased accountability for habitat degradation (e.g. within PAs)
- Establish 'one health' taskforce
- Link human health and biodiversity strategies (& other across sectors)
- Produce national risk reduction strategy and action plan
- Improve biosecurity covering human, vet, plant pest & wildlife
- Improve monitoring of disease emergence esp. in wildlife (link with human and livestock)
- Improve risk assessment animal trade, development projects etc.
- Nature based solutions protected areas, restoration with 'health lens'
- Bridging knowledge gaps links between environment & health
- Improve communication on value (incl. \$) of environmental health to human health

### Impact

- Biodiversity and habitat loss/ degradation
- Increased emergence and spread of infectious diseases in humans, animals, and wildlife
- Increasing levels of poverty, decline in human health and well-being
- Declines in ecosystem services

\*Economic and green recovery dimensions not included (covered in other WC events)