



Organisation
Mondiale
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Animale

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Animal

OIE Sub-Regional Workshop on Emergency Preparedness

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Welfare Guidelines
and

Emergency Preparedness

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Presentation Outline

- Animal Welfare Guidelines
- Emergency Preparedness
- Welfare with context to Emergency Preparedness
- Discussions



Image © Ashish Sutar

Context with Natural disasters and Transboundary Animal Disease Control (TAD)

- Families often refuse to evacuate without their animals during natural disasters or emergencies.
- Animals economically important and backbone of livelihoods, hence fear of losing assets or source of income is greater.
- Risk of food insecurity due to livestock losses –High Mortality ,Culling
- Loss of companionship.
- Support Physical and mental well being of animals.



Why animal welfare in TAD ?

- Livestock household **support the decision of depopulation** more quickly and readily if Livestock handled with dignity and humanely depopulate.
- **Secure community support** for outbreak investigation, response and recovery operations.
- Local government maintain and or **strengthen relationship with communities**.
- Reduce the risk of post- traumatic disorder, depression and suicide in producers and small-scale famers who are directly affected.
- **URGENCY AND TIME** often excuse in Emergencies.....



Animal Welfare

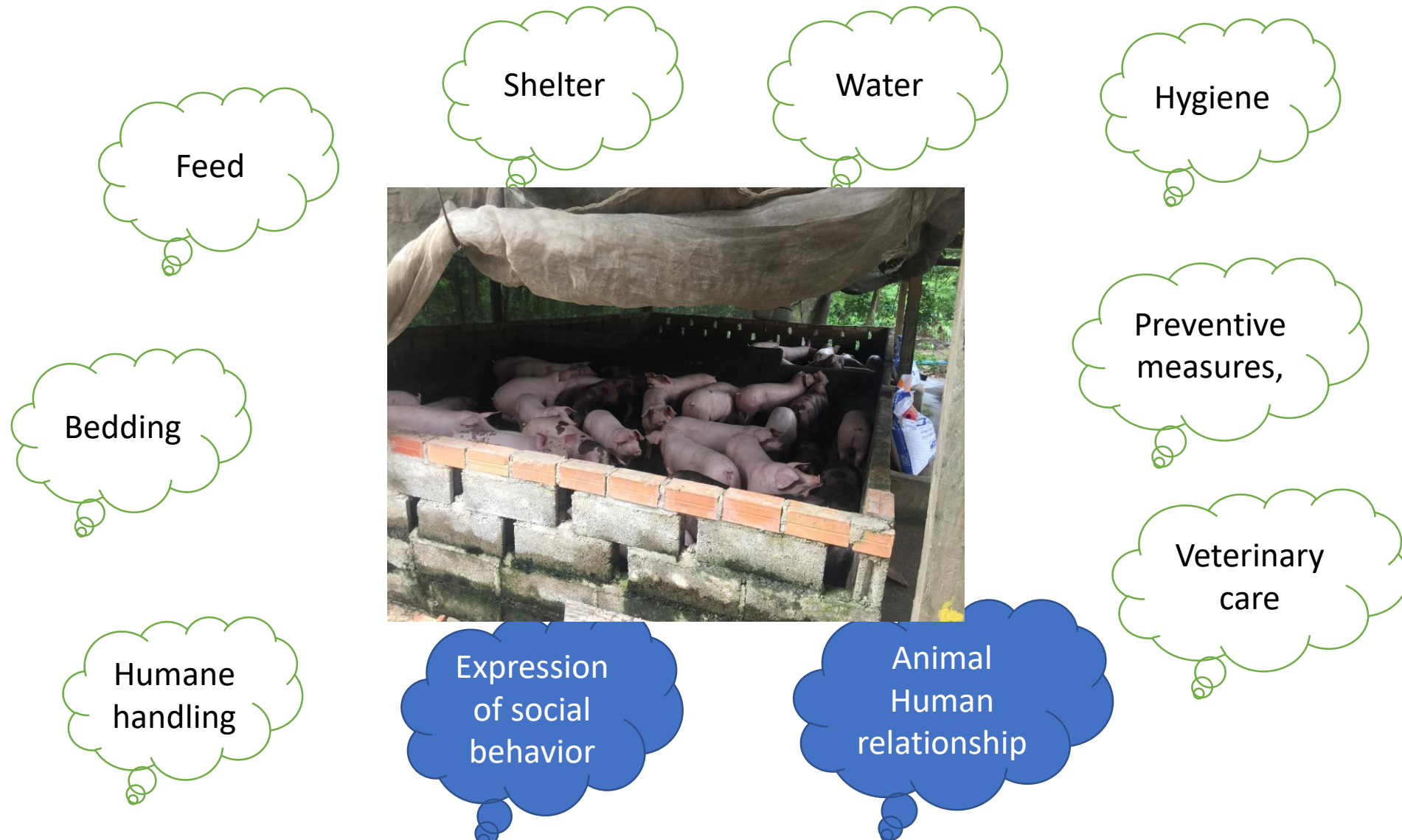
Definition:

“Animal welfare is a complex, multifaceted, international and domestic public policy issue with **scientific, ethical, economic, legal, religious and cultural dimensions** plus important trade policy implications”.

“How animal is coping with conditions it lives in”

“A world where the welfare of animals is respected, promoted and advanced, in ways that complement the pursuit of animal health, human well being, socioeconomic development and environmental sustainability....” (OIE's Global Animal Welfare Strategy).

Animal Welfare?



Animal Welfare Need

FIVE FREEDOMS OF ANIMAL WELFARE

Freedom from hunger

Freedom from thirst

Freedom from fear

***Freedom from pain
& discomfort***

***Freedom to express
normal behaviour***



Animal Welfare Standards



OIE Chapters

- Chapter 7.2. Transport of animals by sea and
- Chapter 7.3. Transport of animals by land
- Chapter 7.4. Transport of animals by air
- Chapter 7.6.1 Killing of animals in disease control.
- **Welfare is integral part of these guidelines**
- These recommendations apply to the following live domesticated animals: cattle, buffaloes, camels, sheep, goats, pigs, poultry and equines.
- They will also be largely applicable to some other animals, e.g. deer, other camelids.
- Wild animals and feral animals may need different conditions.



World Organisation for Animal Health

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Terrestrial Animal Health Code

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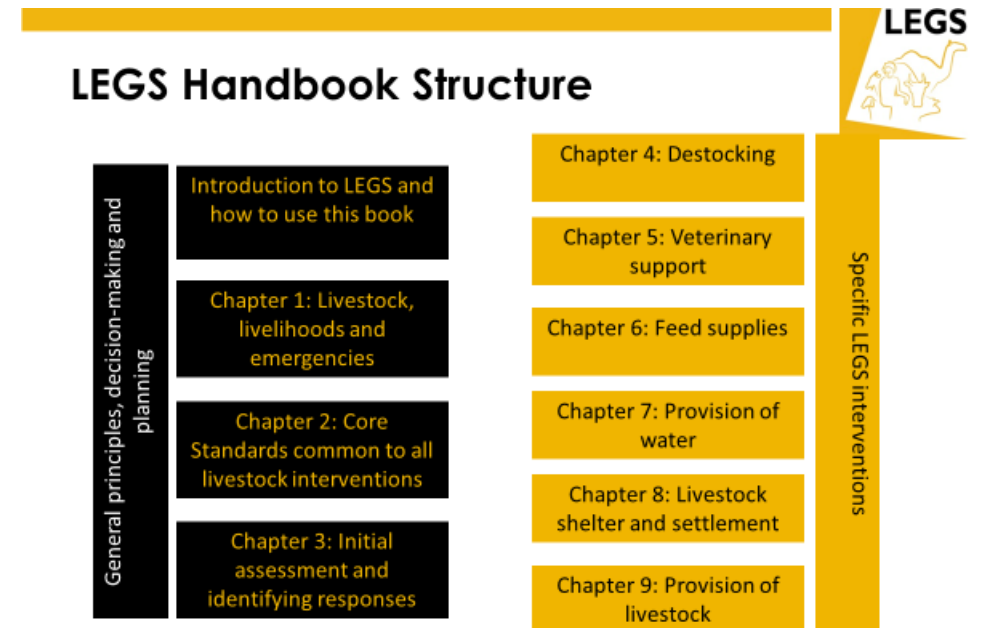
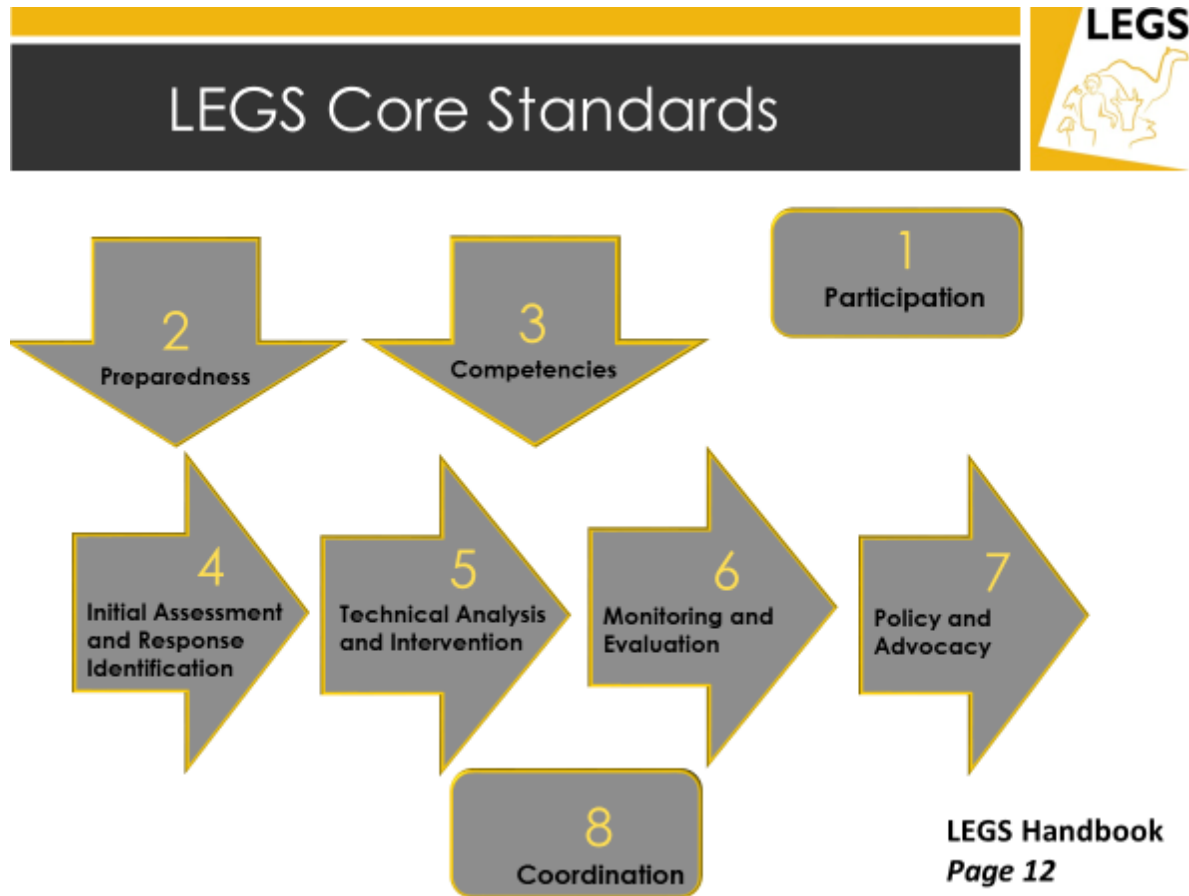
SECTION 7.

ANIMAL WELFARE

[Chapter 7.1.](#)
[Chapter 7.2.](#)
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Introduction to the recommendations for animal welfare
 Transport of animals by sea
 Transport of animals by land
 Transport of animals by air
 Slaughter of animals
 Killing of animals for disease control purposes
 Stray dog population control
 Use of animals in research and education
 Animal welfare and beef cattle production systems
 Animal welfare and broiler chicken production systems
 Animal welfare and dairy cattle production systems
 Welfare of working equids
 Animal welfare and pig production systems
 Killing of reptiles for their skins, meat and other products

Livestock Emergency Standards and Guidelines (LEGS) approach



The Core Standards and Technical Chapters all include:
Minimum Standards, Key Actions and Guidance Notes

Animal Welfare assessment

Inputs : HUSBANDRY based
(Indirect parameters)



- Stockmanship (skills of animal caretaker, relationship with animal)
- Environment (flooring, bedding, cleanliness)
- Stocking density ,Number of water points
- Animal species in the husbandry

Output : ANIMAL based
(Direct Parameters)

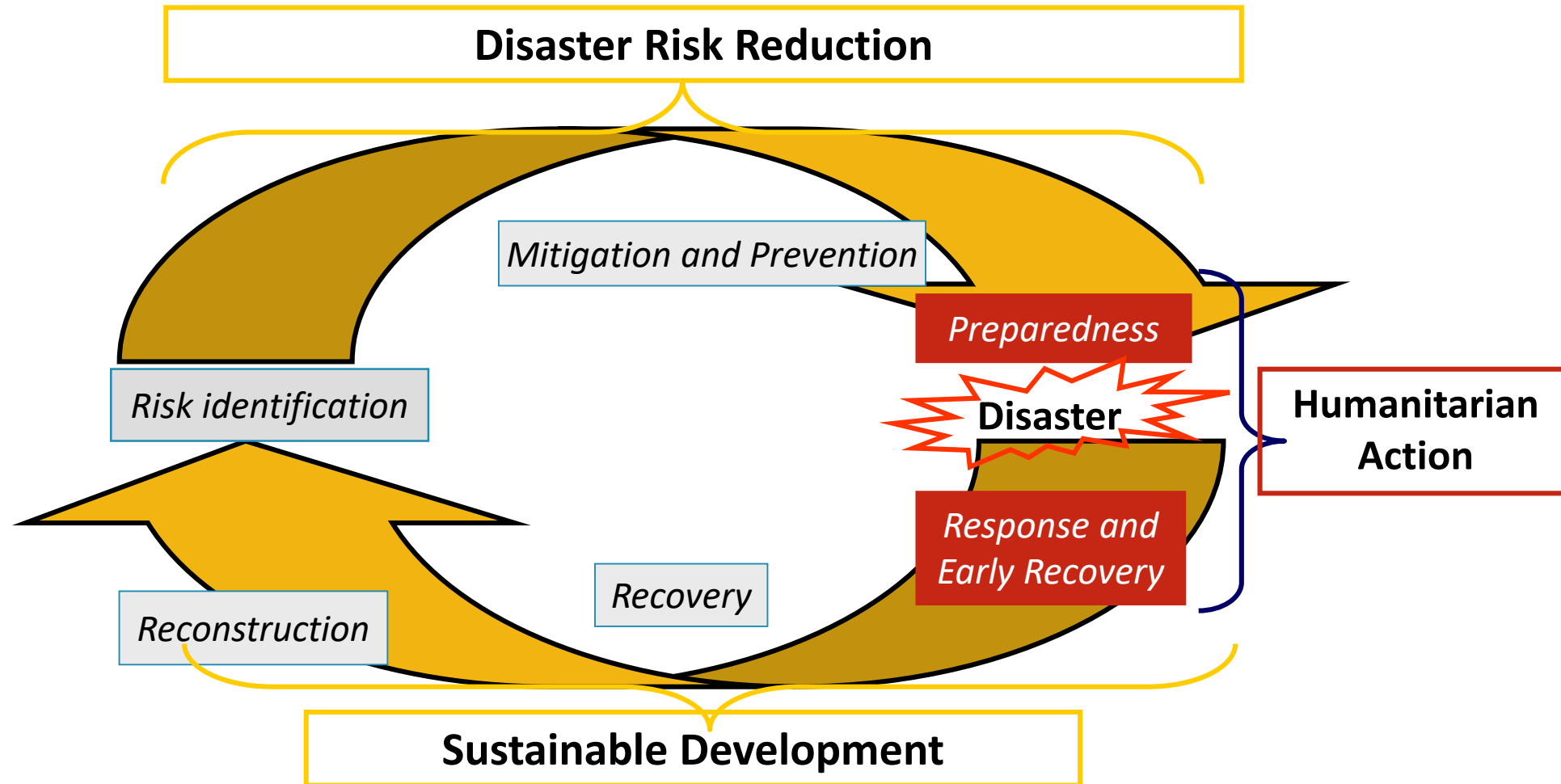


- Injuries: wounds on the body, lameness
- Disease: dead or sick animals, clinical manifestation
- Behavior and stress

Welfare assessment at Farm/herd level

- Both **Physical** and **Mental** state.
- Need for welfare indicators
 - **Operationability**
 - e.g. logistics, time constraints, budget
 - **Reliability**: Amount of random error, including
 - Consensus between observers
 - Agreement between different observations of the same observer
 - **Validity**: Meaningfulness of the parameter

Disaster and Risk Management Cycle

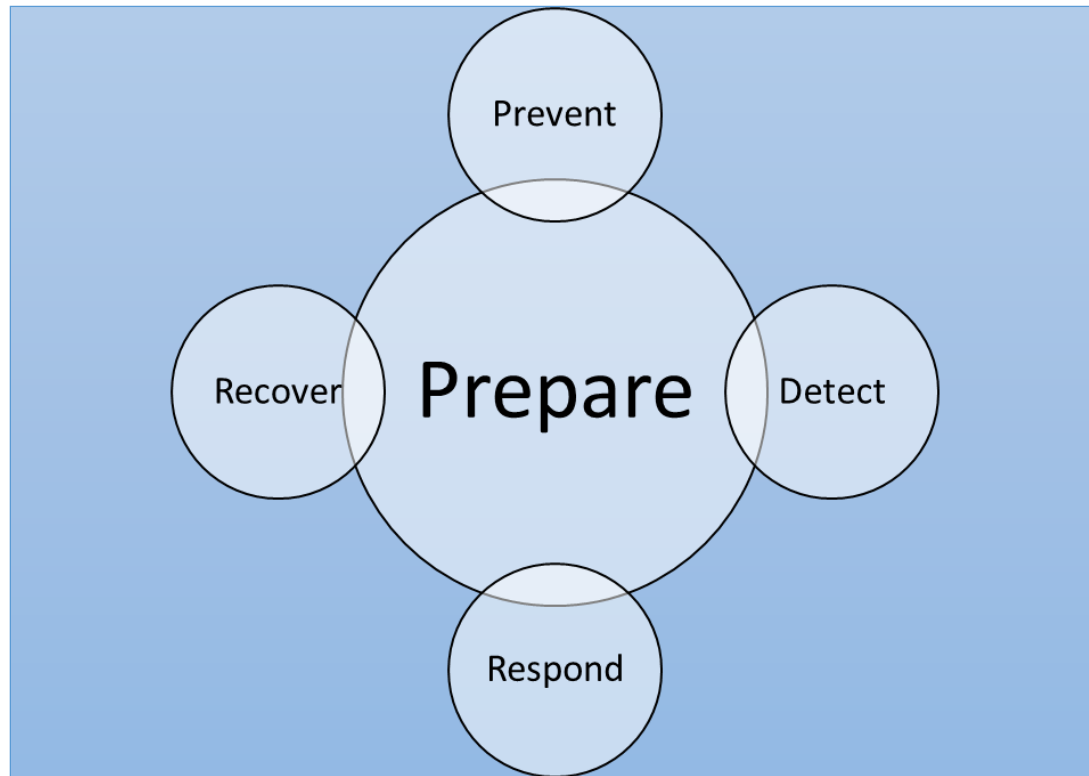


Disaster Risk Reduction Network

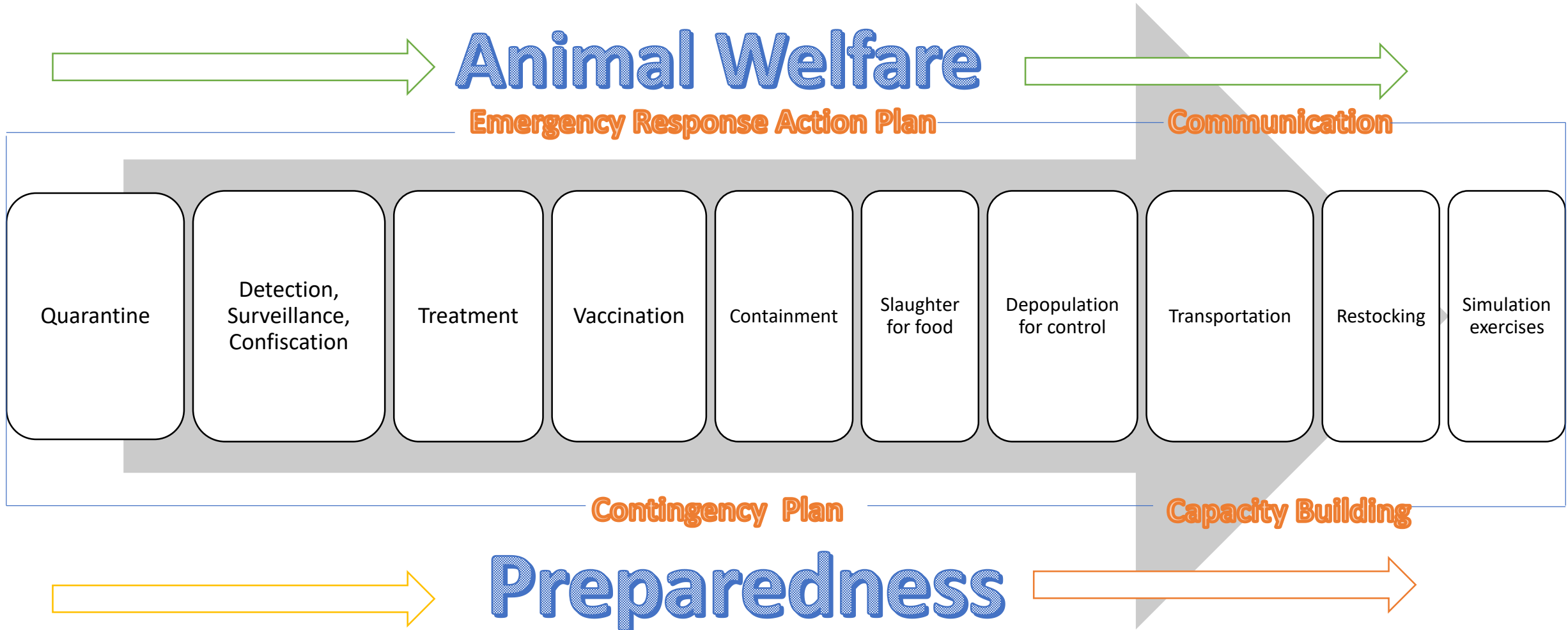
- Sendai framework for Disaster Risk Reduction 2015-2030.
- Priority 3: Investing in disaster risk reduction for resilience
- National /Local level : To strengthen the protection of livelihoods and productive assets, including livestock.
- Global /Regional :To strengthen and promote collaboration and capacity-building



Emergency Preparedness



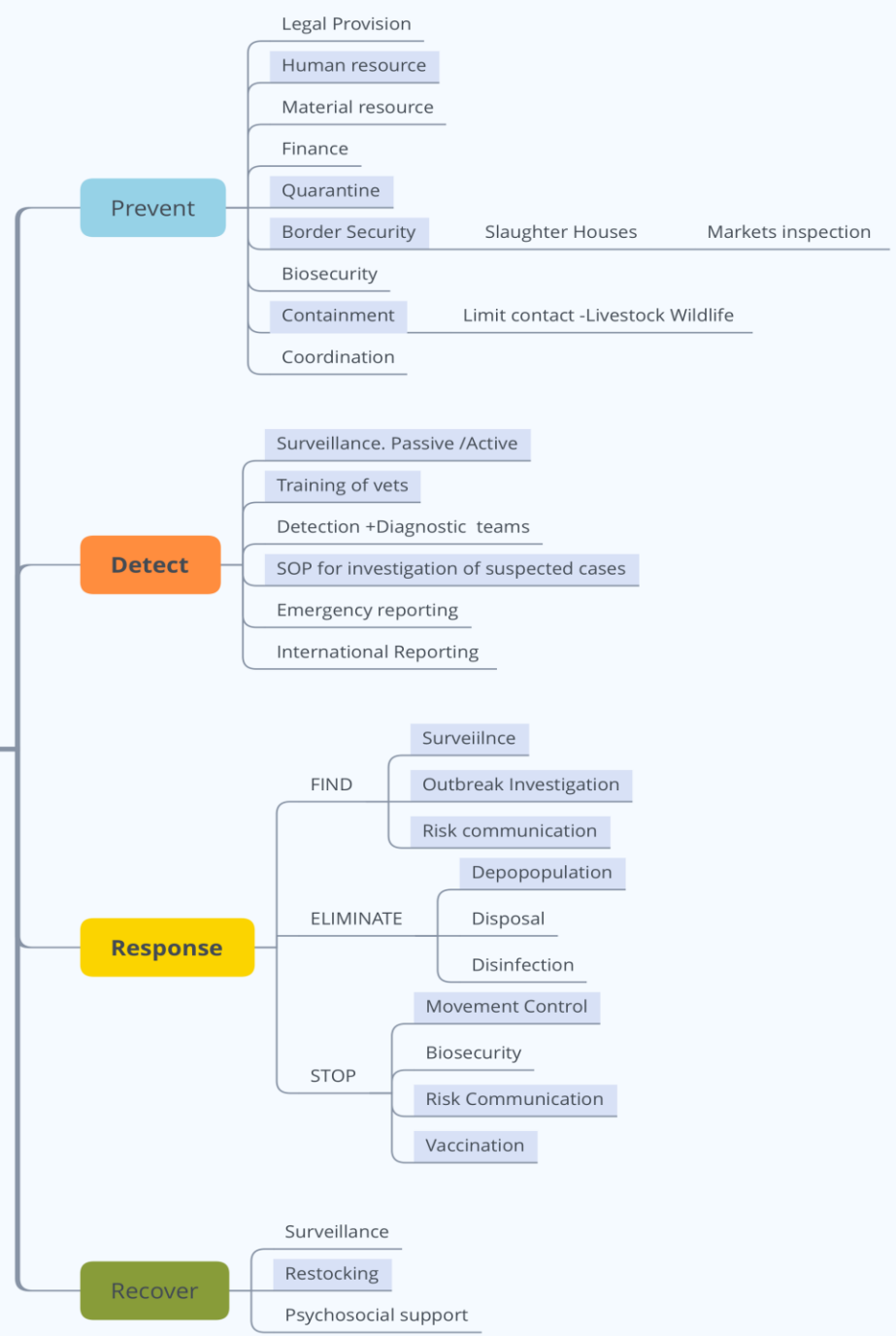
Disease outbreak and control interventions





Preparedness

Mindmap Emergency Prepare...



Command and Control

- Inter agency Coordination
- Communication :Media, Public awareness
- Public Private Partnership

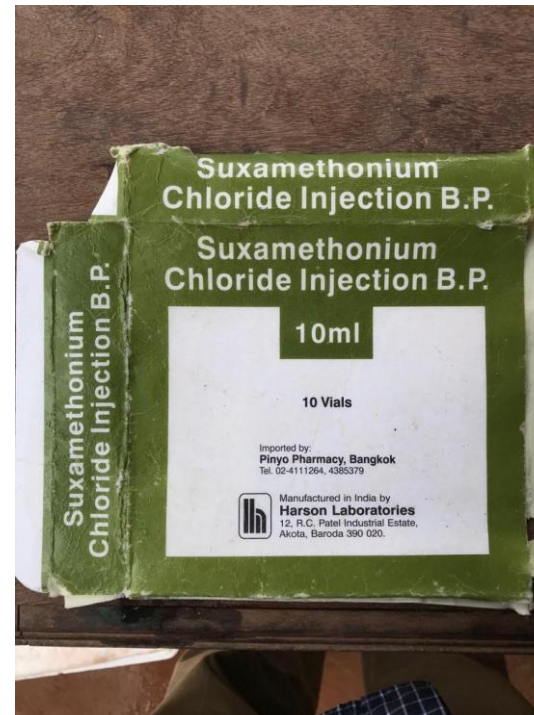
potential animal welfare integration

Welfare Application

- **Practical /Field challenges :**
 - Routine Versus Emergency : Operanality , feasibility during emergency ?
 - Human resource –trained, skills
 - Material resource – equipment's, funding
 - Change in behavior ,Change in Practice
 -
- **E.g Depopulation**
 - High probability of welfare get comprise ?
 - euthanasia guidelines
 - Animal get abandoned , roaming animals
 - Cheapest or less logistic intensive method preferred.



Animal Welfare in TAD



Welfare Application



Applied animal welfare

- Handling and restraining of animals humanely matters.
- Guidelines should be applied for the implementation of Euthanasia.
- Burial **ONLY after confirmation** of death.
- Transportation guidelines to be adhered.
- Legal provision/Policy on Animal Welfare in emergencies.
- Enforcement of law if the provision exist.

Applied Animal Welfare

- Recall **Physical and Mental State**
- Approaching, **handling and restraining** are very important part of practice.
- Our responsibility includes
 - **before** the procedure
 - **during** the procedure
 - **after** the procedure
- Being empathetic and setting a model apart from being an expert.



Discussions

- **Human resource inventory** : Identify experience personnel ,experts in animal welfare.
- **Training on animal welfare assessments** and application into practice.
- Training on depopulation method.
- Cross sectoral approach – **Wildlife , One health, Urban Vs Rural risks.**
- Coordination and collaboration **with Humanitarians, INGO's and NGO's working in animals in disasters.**
- Continue coordination and strengthen existing platforms of animal welfare.
- Integrate animal welfare into disease control and emergency preparedness training and preparedness plan.
- **Participatory and community-based approach** to assessments and interventions.

Discussions

- OIE guidelines provide guiding principles and role of veterinary services.
- GEMP provides guidance notes at all stages of Emergency preparedness.
- LEGS useful tool for decision making and reference guide .
- Capture lessons learned and Impact assessment of interventions.
- Welfare monitoring during disease control intervention.
- Documenting welfare consequences.
- Incentives to promote and apply animal welfare

Discussions

- **Research /studies** to better understand animal welfare and its application into emergencies, develop cost benefit arguments
- **Use synergies** of animal welfare in natural disasters into disease outbreak and control.
- Integrate Animal welfare component into **Risk communication** messaging.
- Promote **public awareness** on animal welfare in emergencies to the stakeholders along the **value chain**.
- Media opportunities :YES

Tools

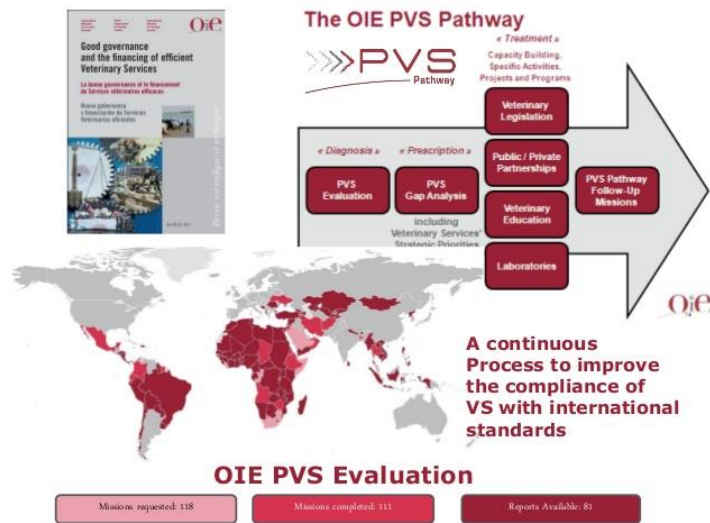
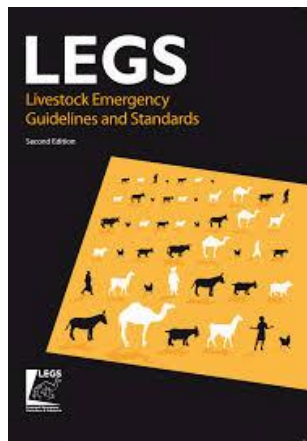
WAHIS Alerts

Discover the new OIE application

Free to download on:

Download now the FAO in emergencies app!

reliefweb

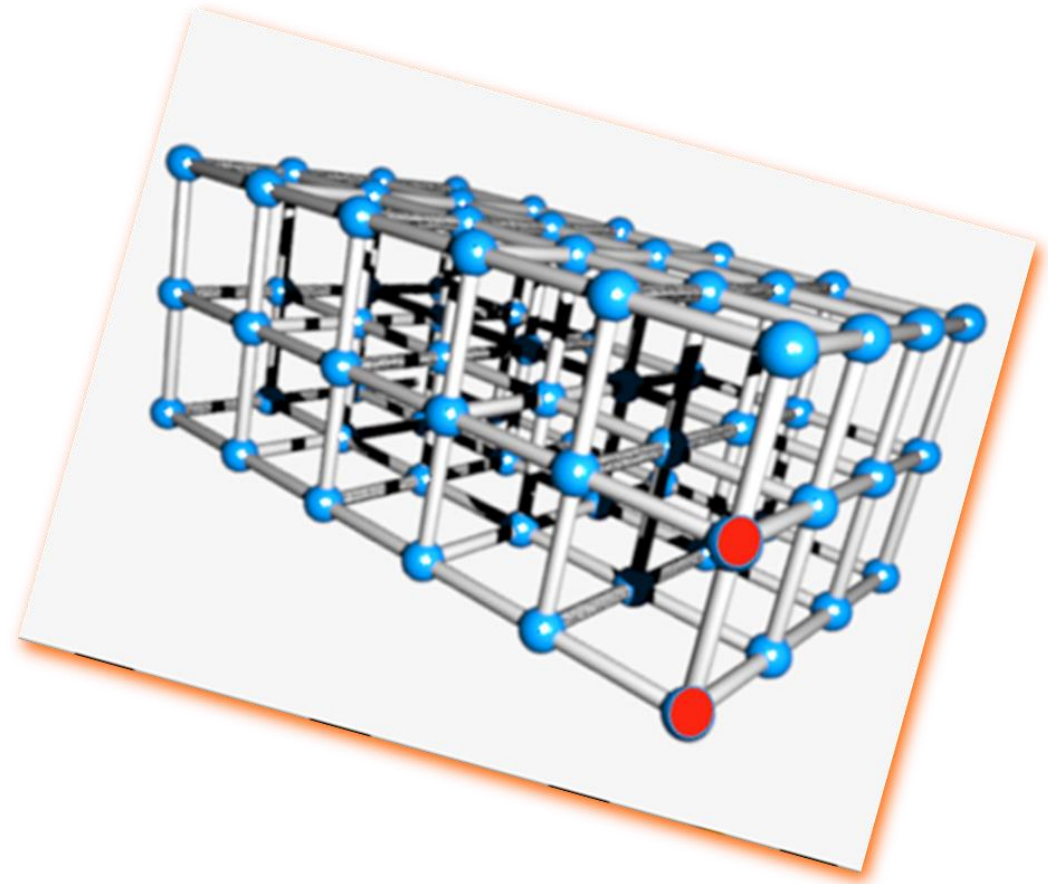


A continuous Process to improve the compliance of VS with international standards

Cross Sectoral Engagement

- **Civil defense:** Police, Disaster Response Force, Military.
- **Customs:** Immigration officers
- **Private sector:** Commercial farms, allied industries (feed, vaccine manufactures), Livestock associations, Veterinary associations
- **Communities :** Farmers , traders ,consumers
- **Wild life and feral animal movement**
:Department of Forest, Wildlife experts, conservation groups
- **Academia**
- **INGO's – expertise on Wildlife, Disaster Management, Animal Welfare**

- **DON'T FORGET VALUE CHAIN**



GUIDELINES: Welfare /Emergency Management

- Animal Welfare Guidelines for Disaster Management
https://www.oie.int/fileadmin/Home/eng/Animal_Welfare/docs/pdf/Others/Disastermanagement-ANG.pdf
- FAO – GEMP <http://www.fao.org/3/a-ba0137e.pdf>
- Simulation exercises - <https://www.oie.int/animal-health-in-the-world/the-world-animal-health-information-system/simulation-exercises/2016/> [KH1]
- Livestock Emergency Guidelines and Standards (LEGS)
<https://www.livestock-emergency.net/>
- AVMA Guidelines on Euthanasia
- In the EU, the Welfare Quality Project aims to develop agreed animal-based measures for welfare assessment, and to use measures of resources and management to identify the causes of the animal-based problem. www.welfarequality.net

Further References

- Welfare of Cattle by Jeffrey Rushen (2008)
- Veterinary Disaster Response by Wayne E. Wingfield and Sally Palmer
- Handbook on Livestock Emergency Standard and Guidelines (LEGS) by LEGS Project.
- <https://www.preventionweb.net/english/professional/>
- <https://reliefweb.int/updates>
- <https://www.unocha.org/about-us>
- New Zealand Animal Welfare Strategy. <https://www.mpi.govt.nz/dmsdocument/3963-animal-welfare-matters-new-zealand-animal-welfare-strategy>
- Australian Animal Welfare Strategy. <http://www.agriculture.gov.au/animal/welfare/aaws>
- OIE's Animal Welfare Media Resource. <https://www.oie.int/en/animal-welfare/media-resources/>



WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future

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