



Food and Agriculture Organization
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Animal Production and
Health Division



FAO perspective on animal health in the context of KAZA

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KAZA TFCA Animal Health Sub-working Group Meeting, Maun, Botswana, 1 – 2 August 2018



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OUTLINE

- **FAO, General Context**
- **FAO Animal Health (AH)**
- **FAO's AH activities in KAZA**
- **Possible areas of collaboration with KAZA
AHSWG**
- **Conclusions**

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FAO – General context

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FAO – GENERAL CONTEXT

Goal - Eradicate hunger, malnutrition & eliminate poverty through sustainable management of natural resources



Present in **152 countries**
Celebrated **40 years** existence in **55 Countries**
Global office – **Rome**
5 Regional Offices – Africa Region, Accra - Continental
11 Sub-regional Offices – for Southern Africa, Harare - Regional
133 Country Offices - CPF
Present in all the 5 KAZA Countries

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FAO Animal Health

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FAO Animal Health (AH)

FAO's programs & projects assist AH systems of MS & RECs in:

- Policy advice
- Strategy development
- Technical support
- Capacity development
- Resilience
- **FOR**
- Disease surveillance, diagnosis, control & elimination
- Disease intelligence & early warning
- Capacity development & good governance
- Support to platforms & networks
- Emergency management & resilience building
- Promotion of OH approach, reduction of AMR, etc.



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FAO ANIMAL HEALTH

A. Disease control & elimination

1. PPR Global Eradication Programme

- Major collaboration between FAO & OIE
- Goal - eradicate by 2030
- Impact – Contribute to food security, poverty alleviation & resilience
- Objective – i) Reduce prevalence in infected countries, ii) Non-infected countries to demonstrate & attain free status certification & iii) Reduce the prevalence of other SR diseases
- Main focus – 62 infected countries & 14 suspected

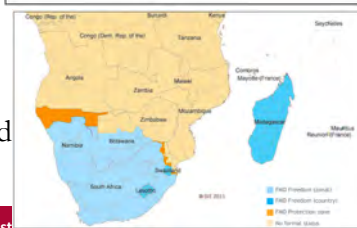


FAO ANIMAL HEALTH

Disease control & elimination

2. Global FMD Control Strategy

- Major collaboration between FAO & OIE
- Developed in 2012 as a 15 Year global control strategy.
- Reduce or eliminate the circulation of FMDV by 2027
- PCP became a guiding tool for national control programmes.
- 60 of 87 affected countries started PCP
- Several (Sub-)Regional roadmaps organized



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FAO ANIMAL HEALTH

Disease control & elimination

3. Programme against African Trypanosomiasis (PAAT)

- Established by FAO, IAEA, WHO & AU-IBAR in 1997
- Objective - Control & eradication of Tryps
- To achieve Sustainable Development of Agriculture & Livestock in areas affected by tsetse & Tryps



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FAO ANIMAL HEALTH

Disease control & elimination

4. Control of Avian Influenza - Support countries in

- HPAI outbreak investigation & control
- developing preparedness & response plans, com. plan, etc.)
- preparing regional prevention & control programmes
- Capacity development for risk-based surveillance & laboratory diagnosis

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FAO ANIMAL HEALTH

Disease control & elimination

5. GHSA & EPT 2 (& ASL 2050)

- Financed by USAID (61.4 million USD)
- Capacity development & technology transfer to reduce the impact of diseases
- Through forecast, prevent, detect & respond to disease emergence,
- Helping to reduce the risk of national, regional & global disease spread
- Operates in 31 countries in Africa, Asia & the Middle East.



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FAO ANIMAL HEALTH

Disease intelligence & early warning - GLEWS



- **Event Mobile Application (EMA-i)** facilitate real-time disease reporting to support veterinary services capacities in disease surveillance.
- Uses mobile technology where Internet is not accessible



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FAO ANIMAL HEALTH

One Health

FAO collaborates with partners in

- preventing & mitigating health threats at the Animal-Human-Plant-Environment interfaces
- Cross-sectoral matters where FAO involves
 - ✓ HPAI & other pandemic threats
 - ✓ Endemic zoonotic diseases such as brucellosis, rabies & anthrax
 - ✓ Antimicrobial Resistance
 - ✓ Food safety (chemical, biological and physical contaminants throughout the food chain)
 - ✓ Trade facilitation & sustainability (import & export)

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FAO ANIMAL HEALTH

Disease emergency management & resilience building



In face of TADs threat, including zoonosis, disease outbreaks & livestock emergencies

- FAO assists to prepare for, prevent, detect & respond
- Develops strategies & policies for improved prevention, detection & response
- Supports countries to implement control measures i.e. vaccination, targeted surveillance, biosecurity, etc.
- Through GLEWS, assists in monitoring disease trends for early warning & forecasting TADs threats





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FAO ANIMAL HEALTH

Disease emergency management & resilience building (cont.)

- Develop capacity for surveillance, rapid outbreak investigation, laboratory diagnosis, preparedness planning & response
- GEMP training, manuals & SOPs
- Sample dispatch & Reference Centres

Emergency support delivered through EMPRES/ECTAD & EMS



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FAO IN WILDLIFE & PROTECTED AREA MAGT


FoD works to conserve native fauna & to improve livelihoods

- ecotourism
- human-wildlife conflict
- wildlife policies & legislation
- design & management of protected areas
- wildlife conservation & sustainable management
- unsustainable/illegal harvesting & trade in wildlife species for food and non-food purposes (bush meat)
- impacts of climate change on wildlife & protected areas
- disease dynamics at the human-wildlife-livestock-ecosystem interface

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FAO's AH activities in KAZA

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FAO'S AH ACTIVITIES IN KAZA TFCA

FAO recent past or current AH support

- **Angola** - in Tryps prevention/control, improving AH systems, preparedness for HPAI, emergency support to pastoralists communities, strengthening research & innovation
- **Botswana** – in addressing human-wildlife conflict, illegal hunting & bush meat trade,
- **Namibia** – in emergency support for el Nino-induced drought, feasibility study for FMD vaccine production

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FAO'S AH ACTIVITIES IN KAZA TFCA

FAO recent past or current AH support

- **Zambia** - Support to prevention of RVF due to floods, prevention of PPR introduction (both also in neighboring countries), wildlife conservation & sustainable legal bush meat production, prevention of HPAI, emergency control of corridor disease, AMR

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FAO'S AH ACTIVITIES IN KAZA TFCA


FAO recent past or current AH support

- **Zimbabwe** – in provision of dipping chemicals and dip management, progressive control of NCD, awareness & control of HPAI, emergency FMD vaccination, control of anthrax, rabies & blackleg, tick & tick-borne diseases control, AMR

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Possible areas of collaboration with KAZA AHSWG

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**POSSIBLE AREAS OF COLLABORATION WITH
KAZA AHSWG**

- Conducting multi-sectorial dialogue at national & regional level for harmonizing policies, regulations & guidelines on animal health
- Identify & prioritize animal diseases & strategies for prevention & control
- Preventing & mitigating health threats at the Animal-Human-Plant-Environment interfaces (OH)
- Capacity building for better management of natural resources

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CONCLUSIONS

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CONCLUSIONS

- **Diversified AH programmes & projects;**
 - ✓ PPR Global Eradication Programme
 - ✓ Progressive Control of FMD & Tsetse & Trypanosomosis,
 - ✓ Prevention & control of HPAI,
 - ✓ Use of modern technology in early warning,
 - ✓ Promotion of OH
 - ✓ Managing emergency disease outbreaks & resilience building,
- **Animal Health support delivered integrated to other FAO programmes, i.e. livestock development, natural resource management, forestry department, etc.**
- **Presence in almost all countries enable receive requests & deliver immediate support**
- **Various areas of collaboration with KAZA TFCA AHSWG**

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THANK YOU!



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