



Building Bridges, Supporting Livelihoods



GF-TADs Progress Report and Perspectives of the Animal Production and Health Commission for Asia & the Pacific (APHCA)

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Outline

1. APHCA Overview
2. Issues
 - Vertical Issues (Priority diseases)
 - Horizontal Issues (Advocacy, Vet Service & Education)
3. Relevant Activities
4. Emerging Trends (EIDs & other arising issues)
5. Collaboration and Coordination
6. Challenges and Possible Interventions
7. Conclusion

1. APHCA: History

- Established in **1975** as FAO Regional Commission under Art. XIV of FAO constitution
- Asian countries saw **need for coordination** of livestock development policies & programs
- FAO provides **Secretariat** to promote **TCDC concepts**



1. APHCA: Members and Countries under RAP's operational responsibility

RAP Countries, APHCA Members

- Australia
- Bangladesh
- Bhutan
- India
- Indonesia
- Iran
- DPR Korea
- Lao PDR
- Malaysia
- Mongolia
- Myanmar
- Nepal
- Pakistan
- Papua New Guinea
- Philippines
- Samoa
- Sri Lanka
- Thailand

18



RAP countries, Non-APHCA

- Afghanistan
- Cambodia
- China
- Fiji
- Japan
- Rep. Korea
- Maldives
- Mauritius
- New Zealand
- Solomon Islands
- Timor-Leste
- Vietnam
- South Pacific Island countries (11)

12 + 11



1. APHCA: Vision

APHCA is recognized as a prime source of **information**, knowledge, expertise and experience on **all aspects** of **livestock sector development** in the Asia-Pacific region



1. APHCA: Mission

To enhance the level of nutrition and standard of living of livestock keepers, especially smallholders, livestock value-chain actors, and communities at large through equitable, sustainable and safe livestock sector development.

This is achieved by promoting **information-generation and exchange**, providing **normative guidance** and **coordinating joint action** among members countries and other stakeholders.



1. APHCA: Guiding Principles

- Apply ecosystem, livelihoods and value chain perspective to animal health and production ... **systems approach/analysis;**
- Establish linkages between local, national, sub-regional and regional levels;
- Promote gender equity and 'rights' of disadvantaged groups;
- **Link to ongoing national, regional and global policy / development processes;**
- Build on the strengths of being a membership organization under FAO's broader umbrella;
- **Apply a program approach** to livestock sector development based on **collective self-reliance and mutual assistance.**



1. APHCA: Strategic Actions

- Increase APHCA's membership and resource base;
- Forge **strategic alliances and build networks with regional partners** and within these assume a catalytic role;
- **Align / Influence FAO's program of work and budget with APHCA's needs and priorities;**
- Develop analytical capacity to inform policies and practices, and
- Improve the Secretariat's capacity to provide high quality information and communication services to APHCA members and other stakeholders



2. Overview of Issues

Vertical issues

Disease and (animal/ human health) issues of regional concern

- Epidemic diseases impacting livestock production and trade (e.g. FMD, PPR)
- **Endemic diseases leading to production losses** (HS, BQ, enterotoxaemia, etc)
- HPAI and other emerging diseases (e.g. H5N1, H7N9)
- Zoonoses and food borne diseases (e.g. brucellosis, anthrax, leptospirosis)
- High and rising prevalence of **Antimicrobial Resistance (AMR)** in the region

Other important concerns

- Regional shortfalls in animal feed & its impact on food security
- Growing pressure on natural resources and its environmental impact
- Effects of climate change in livestock health and production



2. Overview of Issues

Horizontal issues

Ag. Ministries, Livestock Departments

- Uncoordinated & overlapping work with differing priorities between sectors and the region

Veterinary services

- Standardization of veterinary services delivery / streamlining of vet services as per OIE PVS
- Epidemiological (and economic) capacity (e.g. risk analysis, outbreak response)
- Financial and HR resources for service delivery
- Veterinary curriculum (e.g. One Health in the curriculum)
- **One Health concept** for prevention and control of diseases ...**sociologists**...



3. Relevant Activities of APHCA

Animal / human health

- In collaboration with OIE (Tokyo), harmonization and enhancement of diagnostic capacity for brucellosis (PT, Reference labs)
- In collaboration with OIE (Tokyo), AMR awareness raising, promotion of **AMR monitoring and AMU regulation in livestock**

Generic - information exchange / expert networks

- APHCA website (>200 documents, >200,000 visits / month, etc.)
- Dairy development expert network and web-site (DairyAsia)
- Asia-Pacific Animal Feed Network (APAF) and web-site



4. Emerging Trends

- Development of **endemic stability** by HPEDs (e.g. HPAI H5N1)
- Livestock sector **growth and intensification**
 - Larger and more concentrated livestock populations
 - Longer and more complex supply chains
 - Faster movement of production inputs and products over longer distances
 - Transnational private sector actors
- Trend of **increasing emergencies** due to conflict and climatic events with repercussions on animal health & production

“Calls for more Investment in Disease Control and Prevention in the region, with stronger regional cooperation, collaboration & HR development”



5. Collaboration & Coordination in the Region

- Coordination mostly in HPEDs (HPAI, PPR, FMD).. **required for other diseases also**
- Technical and scientific exchange programs ... **though minimal**
- Border harmonization action plans ... **only few countries** do have cross border disease control programs at the moment
- **EU funded HPED** ... timely intervention for strengthening of capacity in disease surveillance, laboratory diagnostics, outbreak response



6. Challenges & Possible Interventions

Challenges

- Limited institution of technical working groups (disease experts) to plan, execute, and monitor progressive control of priority TADs in the sub-region.
- Limited mechanism to support regional initiatives for better livestock production and health activities (e.g. vaccine banks, policy support).
- Shortage of dedicated funding for disease control in the sub-region



6. Challenges & Possible Interventions

Possible Interventions

- Improved cross border harmonization
- Efficient management of resources, e.g. through pooling of resources and expertise to control priority TADs
- Implement standardized vet education, vet service delivery as per OIE standards
- Broaden base of animal health professionals by drawing on strengths of para-vets. with some mechanism to harmonize (e.g. curriculum, refresher trainings) them
- Private sector involvement (corporate social responsibility)laboratories, disease notification etc.



7. Conclusions

- Asia – hotspot for emerging and re-emerging diseases
- GF-TADs concept to be continuously pursued in controlling priority TADs in the region
- GF-TADs Regional coordinating body such as RSUs to be strengthened & continued
- Technical working groups (Specific Disease Experts) to be formed for some of the priority diseases in the sub-region
- Sub-regional vaccine banks for priority diseases such as FMD, Rabies and PPR etc to be strengthened / instituted for effective control.



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THANK YOU



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