

Annex 2: Presentations

Day 1 (2 November 2011)

Activity Report 2010 – 2011 (*Vinod Ahuja*)

The 35th Session / the 72nd Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)

Activity Report 2010 - 2011

Vinod Ahuja
Livestock Policy Officer
and Secretary of APHCA a.i.

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Staffing

- Hans Wagner – Senior Animal Production and Health Officer – NTE June 30, 2010
- Joachim Otte – Senior Animal Production and Health Officer – EOD October 20, 2011
- Carolyn Benigno – Animal Health Officer
- Vinod Ahuja – Livestock Policy Officer
- Vishnu Songkitti – Liaison Officer for APHCA (local)
- Tuanchai Laisakun – Secretary (local)
- Yupaporn Simuangnam – Assistant (local)
- RAP-ECTAD – Headed by S. Morzaria

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Financial situation

- The cash balance as of 01.01.2011
US\$ 244 399
+US\$ 90 133 interests

Contributions received during 2011 (up to Sep):
57190.28
Contributions outstanding : 27048.28

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Financial situation: A Historical Analysis

Declining cash balances indicate an active APHCA and rising costs
A number of activities co-financed by PAD 101 and other partners

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Contributions and expenditures 2000-2011

Contributions of approx \$30000 still expected between Sep and Dec 2011

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- Contributions awaited from Iran, DPRK, Laos, Bangladesh, Pakistan and Philippines

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Expenditures

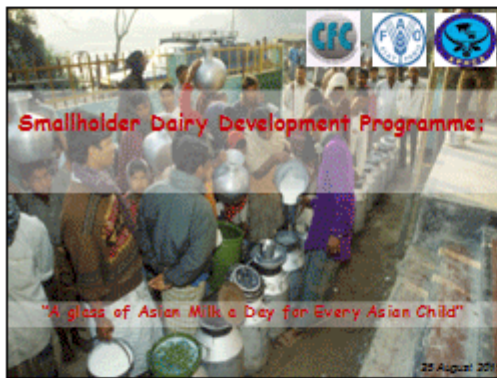
Category	2009	2010	2011
Salaries Professional	-	-	-
Salaries GS	5391	12645	34054
Consultants	-2281	21,751	31325
Contracts	-	-	21632
Locally contracted labour	595	84	-
Travel	52,073	63,187	-
Training	19,735	1907	-
Expendable procurement	-1780	12,095	-
Non-expendable procurement	3353	-	-
Hospitality	-	-	-
General Operating expenses	5941	46,247	152
Total	59102	157,575	56727

PHO's estimated contributions:
Approx. \$ 187, 800 per year

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Activities: 2010-11

Review of APHCA Activities and Recommendations for Strategic Directions



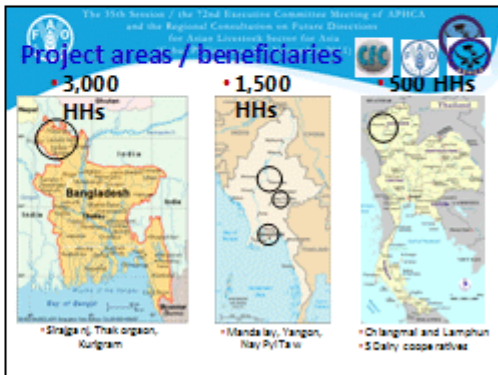
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Smallholder Dairy Development Programme (SDDP) – 3 projects

"Smallholder Dairy Development in Bangladesh, Myanmar and Thailand: Improving the Bargaining Power and Sustainable Livelihoods through the Enhancement of Productivity and Market Access in Dairy" (NTP/KAS/CPC/259)

"Enhancing Milk Consumption and Livelihoods through School Milk Programmes Linked to Smallholder Dairy Operations" (TCP/KAS/3508 (0))

"Asia Dairy Network" funded by APHCA



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Project Components

1. Milk Production Enhancement
2. Milk Marketing Enhancement
3. Capacity building and information dissemination
4. Project management and monitoring

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Problems / needs identified

- Feed and feeding management
- Low quality of feed and forage crops
- Improvement of reproductive efficiency
- Rearing of replacement herd
- Management of heat stress and environmental effects on milk productivities
- Dairy herd health management and services
 - Hoof management
 - Udder health management of milk quality

Production and preservation of high quality forage crops (grass)

- 1) Training (leading farmer training / outreach training)
- 2) Introduction and demonstration of high quality grass
- 3) Grass production business
- 4) Mobile team for improving grass production (feed and feeding)








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 (Cebu, Philippines, 2-4 November 2011)

Mobile dairy extension team

- Veterinarian (*by Cooperative*)
- Animal husbandry assistant (*by Cooperative*)
- Dairy extension staff (*by the project*)

TORs:

- Provide advice on dairy herd health management
- Regular visits at dairy farms
- Indicators of milk quality have been set (*protein, fat, total solid, SNF, SCC, bacteria count, etc.*)

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Milk Producers' Organization / Cooperative

Dairy Cooperative

Grameen's livestock group

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2) Milk Marketing Enhancement

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2) Milk Marketing Enhancement

- 1) Cheese processing, marketing, and training at DTC
- 2) Various dairy products by Dairy Cooperatives (yogurt, ice cream, etc)

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- Milk drinking campaign
- School milk programme

Photo: DLD by Thanakav
Photo: FID by Diana

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World Milk Day on 1 June 2011 at the PM Office

World Milk Day on 1 June 2001, in front of MBK

Milk collecting center, Bangladesh

Pilot a milk processing and packaging enterprise

Milk processing plant links to piloting a school milk scheme

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Milk quality testing at dairy cooperative

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Training needs identified

- Milk quality testing and control
- Ice cream, Yogurt, butter making
- Cheese making
- Dairy economic and business development
- Etc.

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Activities: 2010-11

Other country TCPs

- Cattle and buffalo breeding TCP in Sri Lanka

Requests received

- Thailand—TCP on traceability
- North Korea—TCP on integrated crop and pig production systems

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Activities: 2010-11

Global agenda of action for sustainable livestock development

Brasilia Consensus

Next meeting in Phuket (Dec 1-4, 2011)

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TCDC

Instrument established to allow exchange of expertise amongst countries.

- Emergency assistance (US\$1,700) in 2011 for use to contain the FMD outbreak in Rakhine state of Myanmar.

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Activity Proposal: 2011-12

- APHCA Branding and Positioning
- Reworking of APHCA Website
- Continued support for Asia Dairy Network: \$30,000

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Report of Activities under the Animal Health Component of APHCA (Carolyn Benigno)

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Report of Activities under the Animal Health Component of APHCA

Carolyn Benigno
Animal Health Officer
FAO Regional Office for Asia and the Pacific
Bangkok, Thailand

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FAO Goals, Strategic Objectives

- **FAO Goals:**
 - reduction of absolute number of people suffering from hunger
 - elimination of poverty
 - sustainable management and utilization of natural resources.
- **11 strategic objectives with each objective focused on an agricultural sector**
 - increased sustainable livestock production
 - reduced animal diseases and associated human health risks.

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Reduced animal diseases and associated human health risks

Focused on understanding the occurrence of TADs and other EIDs in Asia, to better respond to the control of the priority TADs and other EIDs in the region

- Capacity building on disease data analysis
- Assistance to develop animal health plans
- Extension advice

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Regional Projects/Activities

- Regional Projects/Activities
- Country Projects
- Projects under ECTAD
- Joint FAO-OIE activities

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Regional activities

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(1) TCP/RAS/3215 Assistance on diagnosis and management of porcine reproductive and respiratory syndrome (PRRS) and other swine diseases to improve swine health status in selected countries



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Review on FMD control

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(2) GCP/RAS/244/ITA Sub-Regional Environmental Animal Health Management Initiative for Enhanced Smallholder Production in South-East Asia

- Cambodia, Lao PDR, Philippines, Myanmar, Vietnam
- Promote an interdisciplinary, holistic approach to animal health management for enhanced, environmentally-friendly forms of livestock production.
- aimed at reducing disease transmission risks from animal to animal and animal to human.

Features: Development of information technology capacity is of critical importance to SAHM Animal Health Management

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(B) GCP/RAS/233/ASB: TADs Control for Poverty Reduction in the Greater Mekong Subregion

- Defined and targeted disease control approaches
- A better understanding of animal movement and livestock trade
- Policy recommendations on FMD control
- Trade facilitation

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Regular Program Focus

- Regional collaboration
- Supplemented capacity building on data analysis
- Develop technical/policy briefs resulting from the projects (PRRS, FMD and vaccination, biosecurity)
- Guidelines/manual on swine biosecurity, field surveillance, control of specific diseases

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Country Projects

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TOP/RA/2204 (E) EMERGENCY ASSISTANCE FOR EARLY DETECTION, RESPONSE AND CONTROL OF AFRICA SWINE FEVER VIRUS IN SWINE AND OTHER SWINE SPECIES IN THE PHILIPPINES

Conclusions:

- More studies on the presence and distribution of ASFV and other swine diseases
- Conduct a third bat surveillance
- Strengthen farm biosecurity
- Multisectoral linkage a, collaboration, coordination and partnership across stakeholders

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TCP/SHU/3301 Risk based strategies for the control of emerging strains of FMD virus in Bhutan

- A study on the epidemiology of the disease in Bhutan
- Surveillance design and implementation
- Strengthened Laboratory capacity
- Revised national FMD Control Plan



Market chain study
Surveillance design
Vaccination study

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Rabies

TCP/IND/3302 Enhanced coordination of control efforts, capacity building, awareness raising and rapid outbreak response to control rabies in Bali, Indonesia


- An effective program coordination and facilitation mechanism
- Improved surveillance, response and control mechanisms
- Advocacy and coordination of rapid and accurate rabies diagnosis
- Community awareness
- Capacity of animal health staff to better manage rabies control
- A revised national rabies control and eradication strategy




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TCP/BGD/3302 Establishment of Livestock Health Care System at Kotlipara and Tungipara Upazilas in the Gopalganj District



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ECTAD Projects

- USAID Project on HPAI Control (countries in South and Southeast Asia)
- EU-HPED Programme: Improvement of regional capacities for prevention, control and eradication of HPEDs in ASEAN and SAARC
- DAFF OSRO/GLO/102/AUL Partnership on global animal health and biosecurity initiatives
- ROK: GCP/RAS/283/ROK FMD control in Southeast Asia through application of the Progressive Control Pathway

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Joint FAO-OIE Activities

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CMC-AH China-Mongolia-ASEAN Cooperation Mechanism

FMD control Assistance



Mongolia



DPRK


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Brucellosis diagnosis and control

Regional Collaboration on Brucellosis Diagnosis and Control.

The Brucellosis Laboratory of the National Institute of Animal Health, Department of Livestock Development (NIAM-OLD), Thailand is in the twinning programme with the World Reference Laboratory for Brucellosis in France.



FAO-APHCA and OIE will support this programme and strengthen:

- the twinning activities of the Thai and the French labs.
- the ring trial tests within the region using the NIAH-OLD Brucella antigen for Rose Bengal Test.
- QA and QC of the NIAH-OLD lab toward the upgrading of the lab as a reference laboratory of Brucellosis (in collaboration with MAP-ECTAD).


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Brucellosis diagnosis and control

The 3rd FAO-APHCA/OIE Regional Workshop on Brucellosis Diagnosis and Control (with an emphasis on Brucella melitensis), in collaboration with the Thai Department of Livestock Development.

The workshop was organized in Subhothai and Phitsanulok Provinces, Thailand, between 21 and 26 November 2010.



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Bluetongue diagnosis and control

- The OIE/FAO-APHCA Regional Workshop on Bluetongue Diagnosis and Control (for selected member countries), in collaboration with the BALIVET/Government of Indonesia.
- Held in March 2011

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Proposed Focused Areas for 2012-2013

- Promotion of multisectoral collaboration, coordination and partnerships (ie. regional projects and country projects)
- Investments in human and capital resources to enhance countries' capacities on early warning, early detection and early reaction (capacity building activities on laboratory and field surveillance; vaccination, movement management)
- Evidence based decisions through development of technical briefs/ conduct of studies (lessons from EAHMI, ERV, Bhutan FMD, etc)
- Promotion of APHCA and its works

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Proposed Activities per Focus Area

- Promotion of multisectoral collaboration, coordination and partnerships (ie. regional projects and country projects)
 - Joint activities with OIE (Brucellosis, Bluetongue, PRRS: from APHCA funds)
 - Joint activities or leverage APHCA with other ECTAD projects (eg. EU-HPED)
 - More active participation of APHCA in the GF-TADs meetings (APHCA funds/travel)
 - RP: Activities with OIE on FMD, PRRS, Rabies

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Proposed Activities per Focus Area

- Investments in human and capital resources to enhance countries' capacities on early warning, early detection and early reaction
 - Outbreak investigation and management training and exercise
 - RP: Cost effective surveillance

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Proposed Activities per Focus Area

- Evidence based decisions through development of technical briefs/conduct of studies (brucellosis, bluetongue, etc.)
 - Brucellosis: looking at burden of disease (prevalence, surveillance, control, diagnosis)
- Promotion of APHCA and its works
 - Development of APHCA brochure/posters and other information materials
 - Develop displays in scientific conferences
 - Publications

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- Issue after the Review:

Strategy workshop: Putting the strategy into action (can be amongst executive committee members.) ????

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Budget

- Brucellosis/Bluetongue work – USD 30000
- Strategy workshop 20000
- APHCA promotion 20000
- TCP Facility

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Thank you....



Review of APHCA Directions and Activities 2003-2011 (Dirk Van Aken)

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Review of APHCA Directions and Activities 2003-2011

Dirk VAN AKEN

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Cebu, Philippines, 2-4 November 2011

Presentation Outline

- Background
- Objectives
- Methodology
- Findings
- Draft Strategy
- Conclusions and Recommendations

APHCA Review 2011

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The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Background

- APHCA
 - Statutory Body of FAO
 - Regional Technical Commission in FAORAP
 - Established 1975
 - Membership: 18

APHCA Membership

Year	Membership
1975	18
1980	18
1985	18
1990	18
1995	18
2000	18
2005	18
2010	19
2011	20

APHCA Review 2011

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The APHCA region

APHCA Review 2011

4

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2/3 of the world's farm animal population

Cattle 40%

Pigs 82%

Small Ruminants 96%

Poultry 82%

Buffalo 88%

APHCA Review 2011

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APHCA Stated Purposes

- Promote livestock development, research and action
- Collective self reliance and mutual assistance
- Promote livestock production as an industry and as part of the farming system
- Raise level of nutrition and standard of living of small farmers and rural communities

APHCA Review 2011

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Organisational Structure

- Executive Committee
 - Chairperson
 - Vice Chairperson
 - 3 Committee Members
 - Immediate Past Chairperson *ex officio*
 - Secretary
- Delegates
- National Focal Points
- Secretariat - FAORAP Livestock Group

APHCA Review 2011

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Objectives of the review

71st APHCA Executive Committee Meeting (2010)

- Assess impact of APHCA activities
 - appreciation of activities 2003-2011
- Needs assessment
 - redefine priority areas set in 2003
- Develop strategy
 - How to progress in the coming decade

APHCA Review 2011

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Methodology

- Desk study
 - evaluation questions and judgment criteria
(Relevance, Efficiency, Effectiveness, Impact, Sustainability)
- Questionnaire
 - all members
- Consultations
 - Lao PDR, India, Sri Lanka, Thailand, Philippines
 - FAORAP

APHCA Review 2011

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Review of activities

Session Reports / Documents at Secretariat

- APHCA's reach and influence goes beyond the direct outputs of activities organized with direct APHCA funding
- Catalyst for regional activities funded by other sources
- Facilitation of direct cooperation between members
- Smallholder dairy development
- APHCA using its capacity, influence and credibility under the FAO umbrella to link members to donor agencies

APHCA Review 2011

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Questionnaire consultation

Views and comments of members on:

- Relevance of the functions of APHCA
- APHCA activities from 2004 to 2011
- Identification of new priority areas
- Strengths, weaknesses and opportunities of for APHCA
- Organizational issues

APHCA Review 2011

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Relevance of the functions of APHCA

- Stated functions remain very relevant:
 - Joint Action and Assistance
 - Information and Coordination
 - Cooperation
- Highest relevance:
 - Joint Action and Assistance:
 - Animal Production
 - Educational Programmes
 - Information and Coordination:
 - Dissemination of info on Animal Production
- Ability to work with other organizations at regional and national level and to leverage input to projects and training workshops

APHCA Review 2011

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Organisational Structure

- **Executive Committee**
 - Chairperson
 - Vice Chairperson
 - 3 Committee Members
 - Immediate Past Chairperson ex officio
 - Secretary
- **Delegates**
- **National Focal Points**
- **Secretariat** - FAORAP Livestock Group

APHCA Review 10/11

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Objectives of the review

71st APHCA Executive Committee Meeting (2010)

- **Assess impact of APHCA activities**
 - appreciation of activities 2003-2011
- **Needs assessment**
 - redefine priority areas set in 2003
- **Develop strategy**
 - How to progress in the coming decade

APHCA Review 10/11

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Methodology

- **Desk study**
 - evaluation questions and judgment criteria
(Relevance, Efficiency, Effectiveness, Impact, Sustainability)
- **Questionnaire**
 - all members
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 - Lao PDR, India, Sri Lanka, Thailand, Philippines
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APHCA Review 10/11

The 35th APHCA Session
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APHCA Review 10/11

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- Strengths, weaknesses and opportunities for APHCA
- Organizational issues

APHCA Review 10/11

The 35th APHCA Session
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APHCA Review 10/11

The 35th APHCA Session
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Organizational issues -2

Strengthening the APHCA Secretariat

APHCA Agreement: FAO provides Secretary & Secretariat
2010: deleted "should be a veterinarian"
Senior APH officer on part time basis
FAORAP Livestock Group: no TOR; overload

Members agreed that APHCA should expand its scope and this would require increased capacity in the Secretariat

- 7 - secretary full time
- 7 - assistant to Senior APH officer

Main add'l tasks: management (day to day; project);
seek donor funding; visibility

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Consultations in Member Countries - 1

India, Lao PDR, Sri Lanka, Thailand, Philippines

- ✓ High appreciation of APHCA past and present work
- ✓ Importance of spin-offs
- ✓ Increased membership would strengthen APHCA and increase transparency in livestock sector in the region
- ✓ APHCA to attract donor funding
- ✓ APHCA to involve at the level of SAARC and ASEAN

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Consultations in Member Countries - 2

- ✓ APHCA's role
 - advisory, policy advocacy
 - forum for sharing knowledge and information on regional resources, opportunities and requirements among members
 - Coordinator/facilitator/interlocutor for contacts between members and other organisations

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Cebu, Philippines, 2-4 November 2011

Consultations in Member Countries - 3

- ✓ Suggested areas for future work for APHCA
 - animal production and diseases other than TADs
 - food security and safety
 - dairy production and processing
 - small ruminant production
 - Identification and traceability
 - fodder and feed production
 - environmental issues (especially animal waste)

APHCA Review 2011 28

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

Consultations with FAO-RAP

- ✓ Relevance of APHCA is duly recognized
- ✓ Importance of APHCA is increasing in light of FAO reform
- ✓ APRC has become FAO governing body
 - ✓ Decisions and recommendations from APHCA sessions will have further reaching influence on the work of FAORAP
- ✓ Specific recommendation of 30th APRC (2010) to work on food security and nutrition

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Cebu, Philippines, 2-4 November 2011

Conclusions - 1

Relevance (to Members, in context of regional development)

- Region's global importance
- High level technical forum on AHP
- Very relevant to its members
- Ability to leverage
- Highly relevant to FAORAP

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Conclusions - 2

Efficiency *(how well inputs have been utilized)*

- > Wide range of activities implemented limited resources
- > High commitment of Secretariat
- > Ability to leverage funds well recognized by Members
- > Recognized limitation: no permanent staff at Secretariat
- > Suggestion for better follow up on trainings/workshops
- > Interruption in publication of Session Reports (2008-2010)

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Conclusions - 3

Effectiveness *(contribution to realizing APHCA's objectives)*

- > Activities have helped to build closer ties between livestock departments of the Asia-Pacific Region
- > Earned recognition as highly valued informative and consultative forum among members
- > Relationships, understandings and trust that have been built among delegates and Secretariat are important benefits that underpin effective communication and collaboration
- > Value for money

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Conclusions - 4

Impact of APHCA *(which outcomes have been produced)*

- > Reputation as advocacy body for regional livestock policy makers and industry stakeholders
- > Spin-offs from APHCA are well recognized appreciated
- > Impact seems to have become less visible in spite of large number of activities implemented
- > Need to strengthen image and visibility

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Conclusions - 5

Prospects for Sustainability

- > The only RTC with its own trust fund
- > APHCA works under FAO umbrella
- > APHCA should capitalize on its credibility as a well-established regional technical commission to solicit funds for future activities

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APHCA Strategy - 1

In line with:

- FAO Strategic Framework 2010-2019
"Increased sustainable livestock production" (SO-B)
 - > food security, poverty reduction, economic development
 - > reduced animal disease and public health risk
 - > natural resource management, incl. genetic resources
 - > livestock sector policy guidance
- APRC recommendation
 - > food security and nutrition

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APHCA Strategy - 2

✓ Focus:

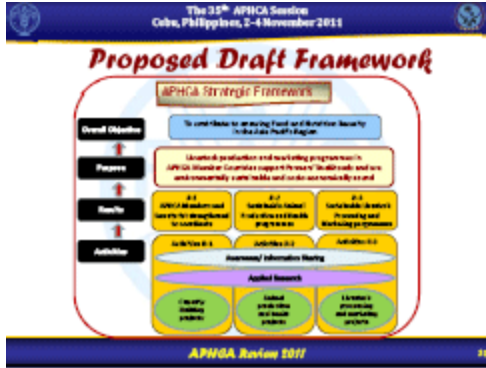
- ◊ Animal Production
- ◊ Diseases with impact on production
- ◊ Environmental aspects
- ◊ Socio-economic issues; smallholders

Cross-cutting:

- ◊ One Health

Activities agreed by APHCA membership

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- The 35th APHCA Session
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- ### Development of the Framework
- Identification of priority areas
 - Planning session during APHCA activities in 2012
 - Finalisation and agreement on framework
 - Framework presentation document
 - Follow up and participation in calls for proposals from international donors
 - Propose APHCA as programme implementer under new donor funding mechanisms
- APHCA Review 1011

- The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011
- ### Recommendations to FAORAP Livestock Section
- Involve APHCA in a steering or coordinating role in the design of new projects and use the APHCA label as an argument of credibility and legitimacy in proposing new projects for funding
- APHCA Review 1011

- The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011
- ### Recommendations to APHCA Secretariat
- Publish APHCA Sessions decisions and recommendations
 - Solicit donor funding
 - Enhance APHCA visibility
 - Assessment/evaluation of APHCA trainings/workshops
 - Safeguard Institutional memory
 - Align with request from FAORAP
 - Publications Committee
 - Information Office
- APHCA Review 1011

- The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011
- ### Recommendations to APHCA General Session
- Agree on selection of priority areas for activities in the coming year, pending the adoption of a longer term strategy
 - Workshops to develop APHCA Strategic Plan
 - Discuss enlargement of APHCA; invite new members
 - Discuss possibility for sending add'l participants to trainings
 - Publishing of Inventory of APH services in the region
 - Propose strengthening Secretariat human resource base
- APHCA Review 1011

The 35th APHCA Session
Cebu, Philippines, 2-4 November 2011

>>> **APHCA** <<<

- **Strength**
 - Relevance, appreciation, respect
 - Potential
- **Needs**
 - Profiling and Visibility
 - Programme Approach
- **Prioritisation**
 - Agree on Priority Areas
 - Direction and Resources (financial, human resources)

APHCA Review 2011

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Cebu, Philippines, 2-4 November 2011



Thank you

In Search of Sustainability Towards Building an Action Agenda for Asian livestock (Vinod Ahuja)

The 35th Session of the 7th Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)

In Search of Sustainability

Towards building an action agenda for Asian livestock sector

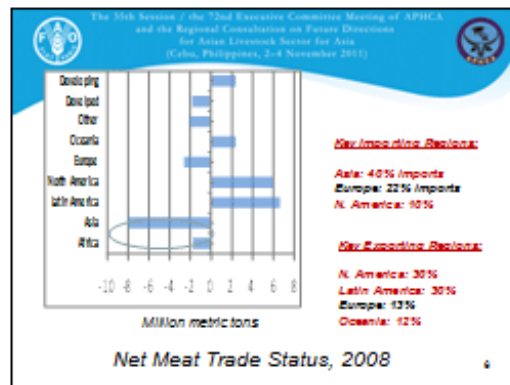
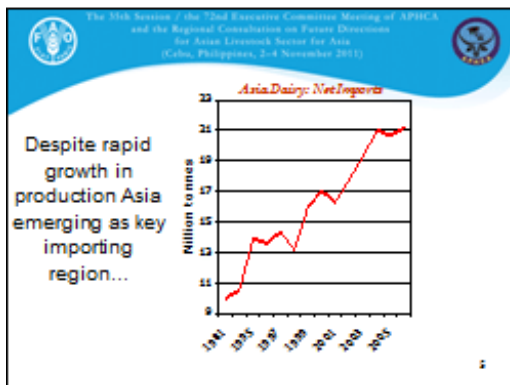
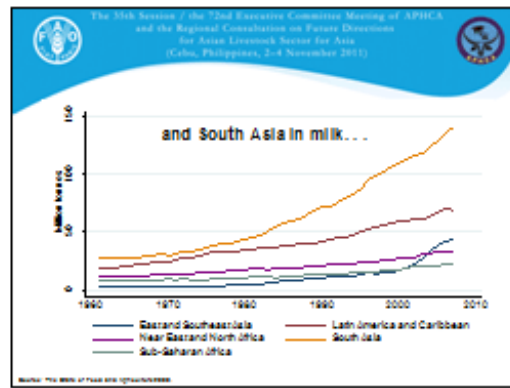
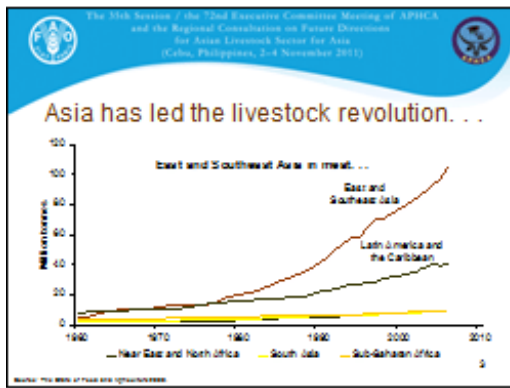
Cebu, November 2, 2011

Vinod Ahuja
Livestock Policy Officer
FAO Regional Office for Asia and the Pacific
Bangkok, Thailand

The 35th Session of the 7th Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)

Importance of livestock

- Large, growing, dynamic sector
- Public goods at risk
 - Livelihoods and food security
 - Natural resources and the environment
 - Animal diseases and human health
- Needs better policies, institutions and regulations
- Conflicts and trade-offs



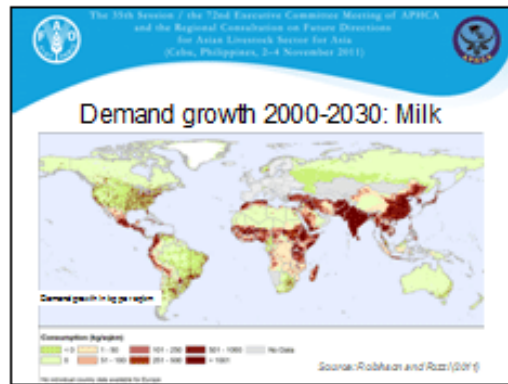
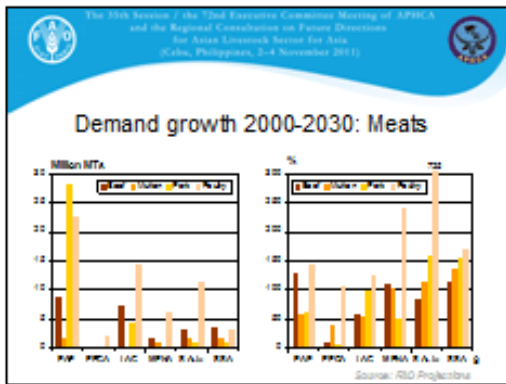
The 35th Session / the 73rd Executive Committee Meeting of APHCA and the Regional Consultative on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)

and the demand growth expected to continue

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8



The 35th Session / the 73rd Executive Committee Meeting of APHCA and the Regional Consultative on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)

The Feedgrain challenge

- Meat production growth, mainly pigs and poultry, exceeding feed growth raising questions about long term sustainability of feed supplies
- China to increase maize production at the rate of about 2.3 percent but net imports to balloon
- Thailand and Vietnam to also emerge as major importers of feed ingredients

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- The 35th Session / the 7th Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)
- ### Drivers of growth
- Increased disposable incomes
 - Urbanization
 - Animal numbers more than productivity
 - Cheap feed and fuel
 - Economies of scale
 - Technological innovation

- The 35th Session / the 7th Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)
- ### ... and structural change
- Vertical integration and global supply chains
 - Geographic concentration
 - Higher food safety and animal health standards
 - A widening dichotomy

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- ### Barriers for small-holders
- Missed by the "livestock revolution"
 - Obstacles to formal markets
 - economies of scale
 - product quality and safety
 - remoteness
 - access to knowledge and information
 - lack of bargaining power and "voice"

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- ### Livelihoods and food security
- Livelihoods
 - 1 billion people keep livestock
 - 60 percent of rural households
 - livestock have multiple functions
 - Food supply
 - 15 percent of dietary energy
 - 25 percent of protein supply

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- ### Food security: what can we do?
- Support smallholders
 - policy and institutional reform
 - capacity building
 - technological innovation and
 - investment
 - Recognize and protect the safety-net role played by livestock
 - Ease transition out of the sector

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Environment: why livestock are different from crops?

- Livestock use more land
- Livestock food chains are longer – and entail efficiency losses
- Livestock move
- Livestock production systems are mobile

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Natural resources and the environment

- 30 percent of all land
- 80 percent of agric. land
- 8 percent of global freshwater resources
- 18 percent of GHG emissions

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Environment: Key concerns

- Increasing concentration and longer livestock food chains
- Competition for resources (land and water) for feed production
- Difficulties in regulation due to mobility of livestock and production systems
- Climate change

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Environment: what can we do?

- Correct market distortions and policy failures
 - regulatory frameworks
 - payment for environmental services
 - other market-based mechanisms and institutions
 - taxes and fees
- Technology to increase resource use efficiency
- Certification and labeling schemes

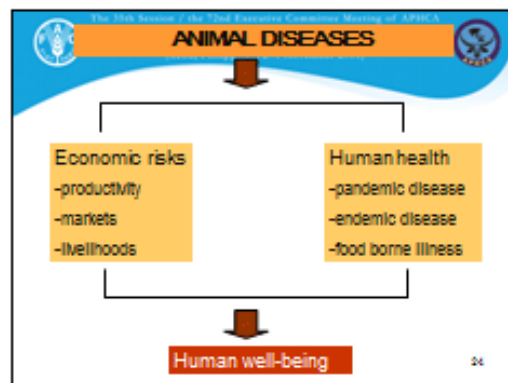
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Increasing animal disease risks

- Co-existence of traditional and modern livestock production
- Increasing travel and trade
- Climate change and changing ecologies

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Animal and human health: what can we do?

- Manage the location of livestock
- Early warning systems
- Engage the poor
- Multi-disciplinary integration of approaches (eg. One Health)

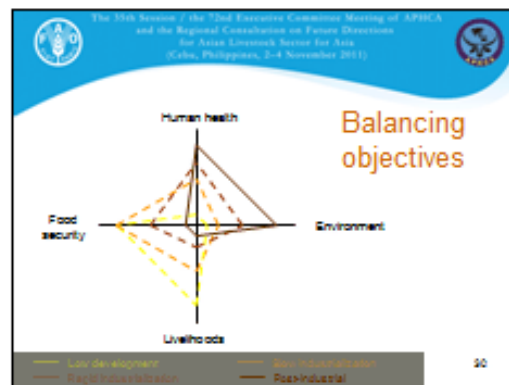
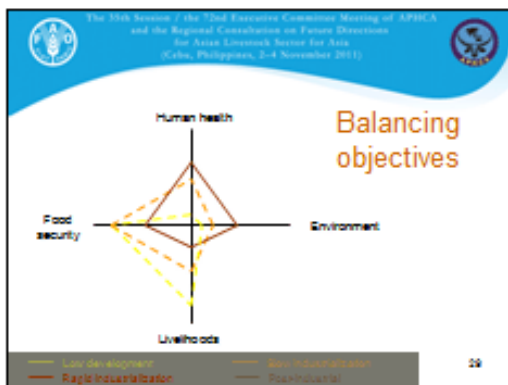
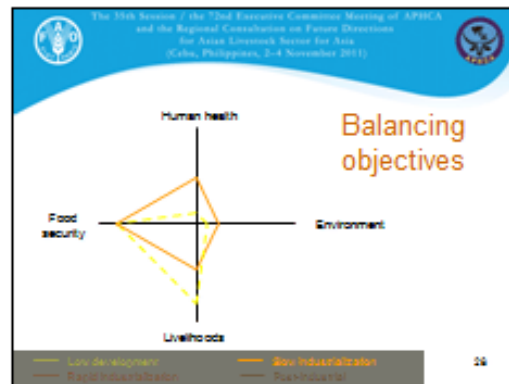
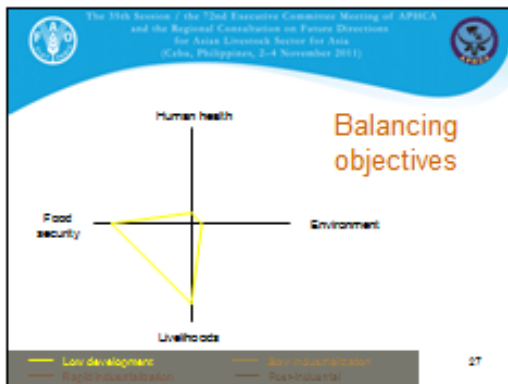
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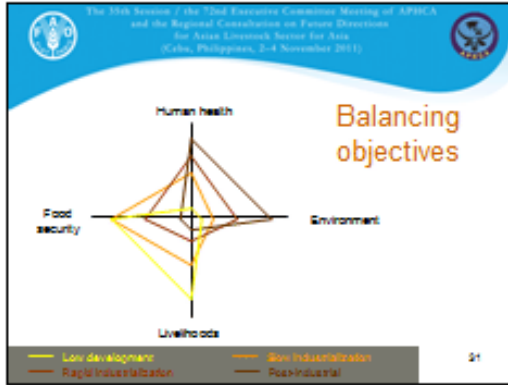
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Balancing objectives

- Livelihoods
- Food security
- Environment and natural resources
- Human health

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Building a global agenda of action for sustainable livestock

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- The 35th Session / the Third Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)
- First steps**
- COAG 2010 and side-event (June 2010)
 - Side meeting at The Hague Conference and Agriculture and Climate Change (November 2010) of the "dialogue group"
 - Extra-budgetary support from the Netherlands (380,000\$)
- 23

- The 35th Session / the Third Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)
- COAG Recommendations**
- COAG reaffirmed the crucial role of livestock in food security and livelihoods.
 - COAG confirmed that FAO is in a position to address in a balanced and holistic manner the complex social, economic and environmental issues and trade-offs associated with the sector.
 - COAG agreed that FAO actively engage in consultations to continue the global dialogue with a wide range of stakeholders to sharpen the definition of the sector's objectives. Such consultations should help identify issues that could require intergovernmental action.
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- The 35th Session / the Third Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)
- The Brasilia Consensus**
- Agreed on an initial **focus**: livestock's resource use – social and health aspects to be incorporated
 - Agreed on the **nature** of the agenda: open, consensual, action-oriented, multi-stakeholder
 - Agreed on the **functions** of the agenda: analysis, information, capacity building, piloting, advocacy
- 25

- The 35th Session / the Third Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)
- Further contributions**
- Additional NL funds 270,000 \$
 - Switzerland: 1.6 million to RP (SO B OO 03 and OO 04)
- 26

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Towards a Phuket Consensus

- Thematic areas need to be identified, boundaries drawn and broad objectives
- Stakeholders contributions and actions, collectively and separately
- Rules of engagement, form of management and oversight
- Next steps towards the launch of the agenda of action

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The 35th Session / the 73rd Executive Committee Meeting of APHCA and the Regional Consultation on Future Directions for Asian Livestock Sector for Asia (Cebu, Philippines, 2-4 November 2011)

Moving to a new global Narrative

- The livestock sector will grow but that growth will need to be "green"
- The livestock sector offers great opportunities for better resource management and development
 - Livestock resource use is high and will be lowered - efficiency
 - Restoring value to grasslands

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An emerging consensus

- Curbing demand is difficult and slow, ethical problems
- Business as usual not an option either
- Large efficiency gains can be realized, and sector growth can be "accommodated". Requires:
 - Alignment of incentives
 - Rapid change of practices
 - Continued technological innovation
 - Development of institutions
- Large potential for the provision of environmental services (carbon sequestration, biodiversity, water)

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Where fits Asia?

and

Where fits APHCA?

30