OIE Collaborating Centre for Training in Integrated Livestock and Wildlife Health and Management, Onderstepoort

Development of the Centre

• Proposal - OIE Collaboration Centre
  29 January 2009

• African Commission
  24 February 2009

• International Commission of the OIE
  26 May 2009

• Arusha: Veterinary Deans and Registrars of the SADC region
  2 – 4 September 2009

• Regional OIE office, Gaborone, Botswana
  11 – 14 September 2009

• SADC Foot-and-mouth disease project and OIE regional office, Gaborone, Botswana
  2 – 3 November 2009

• Workshop: Clarify issues of development and implementation of OIE Collaborating Centre
  11 November 2009

Consortium Partner Institutions

The activities of the proposed collaborating Centre will be supported by the following institutions:

• Lead Institution: Department of Veterinary Tropical Diseases, Faculty of Veterinary Science, UP, SA (Contact person: Prof JAW Coetzer)
• University of Pretoria (Centre for Veterinary Wildlife Studies, Department of Animal and Wildlife Sciences, Department of Agricultural Economics, Extension and Rural Development)
• Onderstepoort Veterinary Institute (OVI), SA
• Institute of Tropical Medicine (ITM), Antwerp
• National Institute for Communicable Diseases, SA
• Department of Agriculture, Forestry and Fisheries, SA
• Others in SADC?
Development of the Hub

**PRINT Programme: CPD**
- **Date:** 2007 - 2009
- **Focus:** Animal Health and Animal Production
- **SADC – Regional programme**

**MSC and CPD**
- Modular Web-based MSc (Veterinary Tropical Diseases)
- CPD modules in Tropical Animal Health
- New modules developed

**OIE Collaborating Centre for Training in Integrated Livestock and Wildlife Health and Management**

**Focus:**
Integrated disease management at the wildlife / livestock / human interface
- One Health (Background, Introduction and Concepts)

**Objectives / Outcomes:**
- Quality livelihoods
- Optimal animal health and production
- Rural development
- Ecosystem health
- Biodiversity
- Food security
- Sustainability

**Accreditation**
- South African Veterinary Council
Disease Information Platforms / Bulletins

Monday 18 January, 2010

About the FMD Bulletin for Southern Africa.

OIE CC Action Plan 2010: Courses: Presentation

Arusha: 15 - 19 March 2010
• Training workshop: Surveillance and reporting of animal disease at the wildlife, livestock and human interface with particular reference to the SADC Region.

Italy: April and May 2010
• Two training courses on Exotic Animal Diseases dealing with ticks and tick-borne diseases, mosquito and Culicoides vectors, and vector-borne and other transboundary diseases.

Thank you!

Livestock health, management and production

Introduction: background, concepts, context
Livestock production
High impact diseases
Selected helminths
Animal health management
Livestock production

- Livestock production systems
- Production environment and animal production functions
- Product quality and quality assurance
- Application of quality assurance to production systems
- An overview of animal-derived commodities
- Meat, milk and egg production in SADC
- Quality and nutrient composition of meat, milk, eggs
- Meat: issues that affect quality and marketability
- Value adding along production and processing chain

High impact diseases

- Contagious diseases:
  - FMD, CSF, ASF, TB, CBPP, PPR, Brucellosis, Bovine dermatophilosis
- Vector-borne diseases
  - BT, AHS, RVF, LSD, Trypanosomoses, ECF, HW, Theileriosis

Selected helminths

- Small stock:
  - Roundworms (Nematodes)
  - Flukes (Trematodes)
  - Cestodes
- Cattle:
  - Roundworms (Nematodes)
  - Flukes (Trematodes)
  - Cestodes
- Wildlife

Animal health management

- Managing animal health
  - Background, principles, approaches
- Basic control measures & tools
  - Prevention vs control
  - Eradication programmes
  - Disease emergencies
  - Role of different tools
  - Influence on market access
  - Looking at alternative measures
- Influence of production systems on AHM
  - Challenges, approaches, strategies
- Managing animal diseases for trade
  - TADs, SPS, tools
- Producer/community-based control
  - Importance, training, PDS, support
- Managing disease at the interface
  - Disease overview and issues