



WEST EURASIA LABORATORY NETWORK FOR FMD WELNET-FMD

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VISION OF WEST EURASIA ROADMAP FOR CONTROL OF FMD

«Regional cooperation among West Eurasian countries for the progressive control of FMD through public and private partnerships leading towards freedom of clinical disease by the year 2020 for regional economic development, food security, and property alleviation.»



VISION OF WELNET FMD

- In the 1st Regional Workshop (Istanbul, October 2009):
it was recommended to establish a laboratory network under the West Eurasia Roadmap Organization.
- Objective:
promote better communication, improvement early detection, diagnostic capacity and performance of laboratories and also implementing a system for proficiency testing



ACTIVITIES ACHIEVED

- The West Eurasia Roadmap has made good progress along the four years:
- -better awareness of the FMD risks
- -progress in many countries
- -identifying "new epidemic events" at an earlier point
- -countries increasingly use PCP as tool in identification of gaps and for FMD control
- -training for capacity building for diagnosis and epidemiology skill to understand the disease
- -many project and support carried out by EUFMD
- -developing the Guidelines for assessment of Stages in the

PCP



Activities achieved by WELNET

- Training on Diagnosis of FMDV in 2010
 - Armenia, Azerbaijan, Georgia and Iran
- Teleconference meeting
 - Between Iran, Turkey, Pakistan and FAO-EuFMD-International Institutes
- Practical Epidemiology for Progressive Control(PEPC) training
 - Iran, Azerbaijan, Armenia, Georgia, Egypt and Turkey in 2012
- Early Detection Activity: One unique example
 - samples were received from Iraq on November 2012
 - Results for serotyping and sequencing including detail report were provided a few days by Şap Institute
 - This is a good example to speed up early detection; allowing CVOs valuable and in time information so that they learn upcoming risk and act in time and; needs extent all the region and regular base



GAPS IDENTIFIED IN PREVIOUS YEAR

- ***EARLY DETECTION***
- ***BETTER COMMUNICATION & SHARING INFORMATION***
- ***PERFORMANCE OF LABORATORY, and TEST METHODS***
- ***HARMONIZATION TEST METHODS***
- ***INSUFFICIENT VACCINE MATCHING TESTING***



PROPOSAL LEAD TO OUR DISCUSSION

- TO PROMOTE BETTER COMMUNICATION
 - WEBINAR
- TO ESTABLISH EARLY DETECTION SYSTEM
 - Agreement between endemic countries –sending regular samples from outbreaks in time to regional laboratory
 - To maintain a system providing serotyping, genetic analysis and vaccine matching results in time and regular base
- To enhance capacity on diagnosis and disease investigation:
Real Time Training Course- already planned to be held on June in Erzurum
- TO MONITOR LABORATORY CAPACITY-
- TO MONITOR LABORATORY TESTING PERFORMANCE
- AND ELSE....??
 - ***Open discussion to create a better system***



Feedbacks group work for WELNET FMD



- **WEBINAR**

- Discussed

- format and manner
 - Context

Format

- Agreed on two options

1. Selecting one topic each month and reviewed and reported end of month
2. On an identified topic, in a fixed day managing seminar like teleconference

Context

Lots of topics:

- vaccine and vaccination, vaccination monitoring movement, anm market, early detection
- formulation to evaluate current epidemiological event:

Requirement: need a MoU for agreement for sharing information and data



Early detection system

- Agreement on sending isolates for serotyping, molecular analysis and vacc. Matching in each month
- Requirement:
 - need preparation a SOP on documentation, shipment and packaging
 - Simplify Import licence issue
 - Establish a system for customs clearance and transportation
 - Budget for transportation



Survey on market price meat and live animal

- To follow-up and evaluate animal movement direction and pattern:
 - Need a survey system at least each month
 - Live animal price on big city market
 - Live animal price in rural area market
 - Meat price in big cities
 - Meat price in rural area
 - differences between regions



NSP residue in vaccine used in the region

Rised topic to discuss

- NSP prevalence is one of important indicator for monitoring the control policy
- Vaccine producer should be ensured that their vaccine is clean for residue of NSP of FMDV

Discussion points

- since some countries still are stage 1, this is not crucial priority
- this is critical issue for cridebility of surveillance results, it needs a standard and limitation

Proposal: helding a workshop on residue of NSP



Other topics discussed

1. Real time training course

- Agreement on support for implementation the training course

2. Definition of data and information for vaccine on market

-All producer should submit potency data and strains contained the vaccine

Recommendation

Preparation a template for tender technical specification to describe which data and information needs for marketing vaccine



Focal point

- Creating a focal point for each country
 - a better communication