

Working Group Session

Implementing Policies at National Level

KSA, Egypt, Jordan, Somalia



World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture

Kingdom of Saudi Arabia المملكة العربية السعودية

Participating countries (Group 1)

- Kingdom of Saudi Arabia
- Somalia
- Egypt
- Jordan

Discussion 1:

Priority diseases & Disease Control Strategies

1. What are the top priority aquatic animal diseases identified nationally?

Diseases are prioritized based on the WOAHA listed diseases?

CRUSTACEAN diseases

- ▶ WSSV
- ▶ EHP (Sleeping giant disease)

FISH diseases

- ▶ RSIV
- ▶ VNN

Continue.....

2. What control strategies are currently in place.

- ▶ In-farm Quarantine
- ▶ Surveillance program (Aquaculture projects, wild, imports, commodity markets)
- ▶ AMR
- ▶ Aquatic animal health infrastructure
- ▶ Drug Residue monitoring and Control program
- ▶ Zoning
- ▶ Contingency plan / Emergency response
- ▶ Immediate disease reporting
- ▶ Aquaculture regulations

Discussion 1:

Priority diseases & Disease Control Strategies

3. What are the main gaps or challenges:

- ▶ Lack of expertise
- ▶ Lack of technical knowledge and awareness
- ▶ Financial constraints
- ▶ Diagnostic capabilities
- ▶ Unavailability of local vaccines
- ▶ Harsh climate conditions (temperature, wind, salinity, currents)

4. Examples of success or good practices

- ▶ WSSV eradication in KSA
- ▶ KHV eradication in Jordan

Discussion 1:

Priority diseases & Disease Control Strategies

5. How can we harmonize national and regional strategies?

- ▶ Biosecurity networking framework
- ▶ SPS Compliance and compliance to other international standards
- ▶ Aquaculture regulations
- ▶ Building diagnostic capabilities
- ▶ Establishing National Aquaculture Reference labs

Discussion : 02

1. What are the current capacities of the National or regional laboratories for aquatic diseases?

- ▶ KSA has 02 National reference Labs

PCR

- ▶ PCR, Histopathology, Water testing, Microbiology
- ▶ Testing WOA listed as well as emerging diseases
- ▶ PCR genomic sequencing
- ▶ Emergency task force
- ▶ Routine / targeted sampling
- ▶ ISO 17025:2017 certified lab
- ▶ Participating in proficiency testing (University of Arizona)
- ▶ Twinning project with University of Arizona, similar projects with lab in Italy
- ▶ Certified reference material (Controls) are developed locally (PCR)

Microbiology:

- ▶ MALDI TOF (latest equipment to identify a range of bacteria)
- ▶ Participating in inter-laboratory testing every 06 month

Discussion : 02

Continue....

2. How are diagnostic results integrated in decision making?

- ▶ The lab results are playing a major role in guiding policy decisions

3. What challenges exist?

- ▶ Lack of technical staff
- ▶ Resource constraints
- ▶ Addressing technological gaps

4. Collaborations or Networks supporting lab diagnostics?

- ▶ Twinning Projects (Labs in Arizona and Italy)

5. Policy and regulatory barriers ?

- ▶ KSA- Aligned with requirements

6. Priority actions to enhance diagnostic capacity and policy integration?

- ▶ Capacity building
- ▶ Twinning projects
- ▶ Collaborating centers