

# WORKING GROUP 1

## **Governance**

Policies, AMR strategy, AMR regulation, AM product quality regulation, institutions, implementation and enforcement

## **Awareness**

IEC for stakeholders (public, producers, authorities, fish health professionals, academia, sales person), CLSI training

## **Evidence**

AMU/AMR surveillance and surveys, AM residue monitoring, risk analysis, epidemiology and monitor transboundary diseases, economic impact by diseases

## **Best Practice**

Disease diagnostics and monitoring, CLSI training and antimicrobial susceptibility testing, HACCP-based systems, vaccines or AM alternatives, early warning

# Governance

<b>Governance Activities</b>	<b>Responsible</b>	<b>Time Frame</b>	<b>Priority</b>
Policy review	Government	Short	High
Promote active participation in international standards and setting process (OIE, CODEX, ISO)	Government	Short	High
Develop guidelines for AMR based on needs identified in policy review	Government	Medium	High
Implementation and enforcement of guidelines	Government	Medium	High
Establish reference labs for AMR and residues	Government	Short	Medium

# Awareness

<b>Awareness Activities</b>	<b>Responsible</b>	<b>Time Frame</b>	<b>Priority</b>
Media campaigns	Government Academia NGO	Short	High
Train the trainers	Government	Short	High
Include AMR/AMU into tertiary education curriculum	Academia	Medium	High
Workshops for farms, feed and drug producers	Government, PPP	Short	Medium
Reference lab training	Government Academia Research institutes	Short	High

# Evidence

<b>Evidence Activities</b>	<b>Responsible</b>	<b>Time Frame</b>	<b>Priority</b>
Assessment of AMU at national level	Government	Short	High
National control of AM, product list, quality	Government	Short	High
Assessment of AMR in aquaculture (lab network, data sharing)	Government PPP	Short	High
Capacity assessment for surveillance	Government	Short	High
Risk assessment of AMR to animal/human health	Government	Medium	High

# Best Practice

<b>Best Practice Activities</b>	<b>Responsible</b>	<b>Time Frame</b>	<b>Priority</b>
Diagnostics and antimicrobial susceptibility testing	Government PPP	Short - Medium	High
Develop AM alternatives (autogenous vaccines, herbal remedies, immunostimulants, probiotics) and applications	Government PPP	Medium - Long	High
Establish cluster-based management	PPP NGO	Medium - Long	High
Enforce food safety systems in farm (AMU/AMR)	Government Producers	Short	High
Establish early warning systems	Government	Short	High
Promote use of high health status fish (genetic selection)	Government PPP	Medium	Medium

Thank you!

