



Food and Agriculture
Organization of the
United Nations

FMM/RAS/298: Strengthening capacities, policies and national action plans on
prudent and responsible use of antimicrobials in fisheries Final Workshop
in cooperation with AVA Singapore and INFOFISH
12-14 December, Concorde Hotel, Singapore

Group 2 opinions



4 Working Groups: Day 2: 17:00-17:30; Day 3: 08:15-09:20

Group 1	Group 2	Group 3	Group 4
Chair, Rapporteur, Presenter			
Four pillars (governance, awareness, evidence, best practice); capacity building and other requirements; implementation matrix			
<ul style="list-style-type: none"> responsibility: government, producer, academe, others; time-frame: short (1-2 yrs), medium (2-5 yrs), long-term (5+ yrs); priority: low, medium, high; level: national, regional 			
Resource mobilization opportunities (internal, regional, international, donor)			
Country specific recommendations			
Alvia Simeona, Miro, Sophie, Charmaine, Agnes, Rosendo, Esther, Larry, Rihana	Moon, Shawn, Seok, Moe, Thibault, Celia, Penelope	Diana, Stephen, Moe, Moe, Julia, Olga, Tanya	Sonia, Kellen, Wong, Ching, Hui, Wang, Ching, Hui, Wang, Ching, Hui

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Governance

Capacity building	Responsibility	Time frame	Priority	Level	Resource mobilization
Legislation review or introduction	Government	Medium	High	National	Internal
<ul style="list-style-type: none">▪ Licensing conditions for aquaculture farms					
<ul style="list-style-type: none">▪ Pharmaceutical registration and regulation on use					
<ul style="list-style-type: none">▪ Enforcement of regulation					
<ul style="list-style-type: none">▪ Feed manufacturing regulation					
Extension services on fish health management	Government / Academics / Industry	Short	High	National	Internal
Engaging more licensed professionals in aquaculture for prescription purposes	Government / Academic / Industry	Short	High	National	Internal

Awareness

Capacity building	Responsibility	Time frame	Priority	Level	Resource mobilization
Producers <ul style="list-style-type: none">Farmers to be engaged in awareness and best practices programs.	Government / Industry	Short	High	National	Internal
Professionals <ul style="list-style-type: none">Certification bodiesEducationIn-service training	Government / Academics	Short for professional trainings, Long for formal education	High	National	Internal
Public <ul style="list-style-type: none">Consumers	Government	Short	High	National	Internal
Suppliers <ul style="list-style-type: none">Pharmaceutical industriesFeed industries	Government / Industry	Short	High	National	Internal

Evidence

Capacity building	Responsibility	Time frame	Priority	Level	Resource mobilization
Standardization of testing methods	Government / Academics	Short	High	International	Internal
Surveillance of AMU and AMR	Government / Industry	Long	High	National	Internal
Reporting of AMR	Government / Academics	Long	High	National	Internal
Real time data analysis and utilization	Government	Short	Medium	International	Internal
Research to identify knowledge gaps	Government / Academics	Medium	Medium	International	Internal

Best practices

Capacity building	Responsibility	Time frame	Priority	Level	Resource mobilization
Good / Best Aquaculture Practices	Government / Academics	Short	High	International	Internal
Trainings of government and industrial personnel in biosecurity	Government	Short	High	National	Internal
Information, Education and Communication materials	Government / Industry / Academics	Long	High	National	Internal
Alternative to Antibiotics	Government / Academics / industry	Long	High	National	Internal
Prudent use of antimicrobials (eg. Guildline)	Government / Academics / industry	Medium	High	National	Internal



THANK YOU VERY MUCH

