THE ROLE OF INDONESIAN AGRICULTURAL QUARANTINE (IAQA) ON TRADE FACILITATION

Arifin Tasrif, Ph.D

Presented on WCO Regional Workshop on Strategic Initiatives for Trade Facilitation – Mercator Programme, Jakarta 16-18 Mach 2015
Outline:
1. Mission and Organisation
2. National and International Regulation for Quarantine
3. Operational and Services
4. Risks Management
5. Quarantine Technology Information
1. Mission and Organisation
**VISION:**
Touch and reliable in protection the natural resources of agriculture from pest and diseases of quarantine of animal, plant life, environmental and food safety

**MISSION:**
1. Protect natural resources from invasion of animal and pest /IAS/Bio-agents
2. Supporting implementation food safety inspection;
3. Trade facilitation on the increase market access
Scope of Main Task and Responsibility of IAQA

- Plant protection
  - Protecting wild flora (Cites)
  - LMOs identified as pests
  - LMOs
  - Protecting biological diversity

- IPPC
  - No more trade restrictive than necessary

- SPS-WTO
  - Trade
  - Trade while protecting biodiversity

- CP

- CBD
Transboundary Movement of Pests Internationally

- Canada: 691 plant pests
- USA: 1412 plant pests
- Mexico: 2530 plant pests
- Europe: 2687 plant pests
- Africa: 1280 plant pests
- Asia: 324 plant pests
Entry, Exit and Inter island of Quarantine in Indonesian territory

A. 50 Agricultural Quarantine Services;
B. 730 Quarantine exit and entry points;
C. Approx. of 4,000 IAQA Staff

0 = Main Ports
2. National and International Regulation for Quarantine
Change International Policy on Trade

*After 1994*

*Sanitary and Phytosanitary (SPS)*

*Technical Barrier to Trade (TBT)*

*Before 1994*

*Develop Country*

*Developing Country*
SANITARY and PHYTOSANITARY (SPS Agreement)

SANITARY (Animal and Animal products) OIE

PHYTOSANITARY (Plant and Plant products) IPPC

CODEX ALIMENTARIUS:
- BIOLOGY
- Chemical contaminants
- Physical
- Halal food

National and International Standards as bases on the Implementation of IAQA in Indonesia

International standards

Nat. laws

• Law No. 16 of 1992
• Gov.reg. No.82 of 2000
• Decree of MoA

• Law No. 16 of 1992
• Gov.reg. No. 14 of 2002
• Decree of MoA

• Law No. 18 of 2013
• Gov.Reg. No.28 of 2004
• Decree of MoA
• SNI

Indonesian Agricultural Quarantine Agency
Law of Quarantine

1. Law Number 16 of 1992 concerning Animal, Fish and Plant Quarantine;
2. Government Decree Number 14 of 2002 concerning Plant Quarantine;
3. Government Decree Number 82 of 2000 concerning Animal Quarantine
4. A number of Ministers Decree concerning plant and animal Quarantine, Food Safety, and Bio-safety
Some ATF articles related to Quarantine

- **Article 5** *(Other measures to enhance impartiality, non-discrimination and transparency)*
- **Article 7** *(release and clearance of goods)*
- **Article 8** *(Border Agency Cooperation)*
- **Article 10** *(Formalities connected with importation and exportation and Transit)*
IAQA’s effort on the implementation of Agreement of Trade Facilitation

List of category commitment in ATF has been submitted to the Ministry of Trade;

a. Commitment of category B which related to SPS;

b. Time frame from 3 to 10 years;

c. Progress implementation of ATF;

d. Harmonize and simplify of SPS procedure to synergize with ATF.
Main Task and Responsibility

Inspection on the prevention of:

1. Animal diseases;
2. Plant pests and diseases
3. Food safety
4. Bio-agent
5. Invasive Alien Species (IAS)
6. Genetically Modified Organisms (GMO)
Quarantine Action

1. Inspection
2. Detention
3. Observation
4. Isolation
5. Treatment
6. Refusal
7. Destroy
8. Release

Clearance
Task and responsibility of IAQAs

Public expectation

Services
- Increasing public services
- Smooth quarantine action
- Time of services (SLA)
- Reduce highly costs
- Simple and easy services
- Transparency

Inspection
- Inspection of illegal movement of animal and plant pest carrier
- Prevention of quarantine fluiduelance
- Optimal law enforcement
- Performance of Law Enforcement units
- Sanction

Personnel Integrity
- Increasing personnel integrity
- Implementation of ethical value
- Moral and ethic
- Reward and Punishment
- Channel of public services
Quarantine Clearance VS Custom Clearance

Ideal condition

Quarantine

Custom

Clearance

Present condition

Quarantine document

Custom

Clearance

Quarantine

Note:
- Custom will take further action after Quarantine clearance.
- Clearance of import goods from seaport/airport/post office.

Note:
Ideal condition for quarantine inspection is undertaken before Custom clearance in some main ports of Indonesia.
4. Risks Management
Risk Management for Quarantine

- **Country of origin**
  - Prohibited
  - Not prohibited

- **Pest Carrier**
  - Low Risk
  - Medium Risk
  - High Risk
  - Prohibited
  - Restricted
  - Not prohibited

- **Company Profile**
  - Fully comply
  - Moderately comply
  - Not comply
Service level Arrangement (SLA)

<table>
<thead>
<tr>
<th>No</th>
<th>Risk Category</th>
<th>SLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Low Risk</td>
<td>&lt; 24 hour</td>
</tr>
<tr>
<td>2</td>
<td>Medium Risk</td>
<td>&lt; 36 hours</td>
</tr>
<tr>
<td>3</td>
<td>High risk</td>
<td>&lt; 21 days</td>
</tr>
</tbody>
</table>
## Risk Management of Animal Pests Plant and Pests carrier based on HS Code

<table>
<thead>
<tr>
<th>NO</th>
<th>Risk Category</th>
<th>Number of goods based on HS CODE</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Low Risk</td>
<td>158 HC Animal pests carrier</td>
<td>36%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>333 HC Plant pests carrier</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Medium Risk</td>
<td>154 HC Animal pests carrier</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>(1 h – 3 days)</td>
<td>527 HC Plant pests carrier</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>High Risk</td>
<td>55 HC animal pests carrier</td>
<td>14%</td>
</tr>
<tr>
<td></td>
<td>(1 h - 21 days)</td>
<td>132 HC plant pests carrier</td>
<td></td>
</tr>
</tbody>
</table>
Quarantine action bases on risk analysis of animal diseases and plant disease carrier

<table>
<thead>
<tr>
<th>Risk</th>
<th>Action</th>
<th>SLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>Physical inspection, Lab. Test for animal disease and plant pests, chemical contamination, treatment, Lab. test of food safety, Observation and isolation, and release.</td>
<td>≤ 21Days</td>
</tr>
<tr>
<td>Medium</td>
<td>Physical inspection, Lab. test for animal disease and plant pests, Lab tests for food safety, treatment, and release</td>
<td>≤ 36 Hours</td>
</tr>
<tr>
<td>Low</td>
<td>Random sampling and monitoring.</td>
<td>≤ 24 Hours</td>
</tr>
</tbody>
</table>
Implementation of quarantine compliance based performance of company profile

<table>
<thead>
<tr>
<th>Country Profile</th>
<th>Company Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prohibited</td>
<td>Compliance</td>
</tr>
<tr>
<td>Unprohibited</td>
<td>Less compliance</td>
</tr>
<tr>
<td>Restricted</td>
<td>Uncompliance</td>
</tr>
<tr>
<td>Prohibited</td>
<td>Pest carrier profile</td>
</tr>
<tr>
<td>Unprohibited</td>
<td>Low risk</td>
</tr>
<tr>
<td>Restricted</td>
<td>Medium risk</td>
</tr>
<tr>
<td>Prohibited</td>
<td>High risk</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country Profile</th>
<th>Company Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prohibited</td>
<td>Reject</td>
</tr>
<tr>
<td>Unprohibited</td>
<td>Reject</td>
</tr>
<tr>
<td>Restricted</td>
<td>Reject</td>
</tr>
<tr>
<td>Prohibited</td>
<td>Reject</td>
</tr>
<tr>
<td>Unprohibited</td>
<td>Reject</td>
</tr>
<tr>
<td>Restricted</td>
<td>Reject</td>
</tr>
<tr>
<td>Prohibited</td>
<td>Reject</td>
</tr>
<tr>
<td>Unprohibited</td>
<td>Reject</td>
</tr>
<tr>
<td>Restricted</td>
<td>Reject</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sampling container</th>
<th>25%</th>
<th>50%</th>
<th>75%</th>
</tr>
</thead>
<tbody>
<tr>
<td>50%</td>
<td>75%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>75%</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>
### Stakeholder categories and Behaviors

- **Voluntary compliance due to:**
  - a. Accurate information;
  - b. Timely;
  - c. Seminar; workshop; Conference;
  - d. High Quality services;
  - e. Help desk;
  - f. Public awareness;
  - g. Supervising;
  - h. Proper Quarantine regulation, Guidelines, and SOP.
  - i. Coordination, education, and advice.

### PRE-VENTIVE

- **Resistance to compliance:**
  - a. Warning;
  - Stakeholders help to comply;
  - b. Administrative sanction;
  - c. Profile of stakeholders non-compliant;
  - d. Identification of specific compliance problems.

### REPRESSIVE

- **Criminal intent and Illegal activity:**
  - a. Quarantine Intelligence;
  - b. Quarantine and Police Investigation;
  - c. Law enforcement;
  - d. Penalty Provision;

### Level of Compliance to Quarantine Regulation

<table>
<thead>
<tr>
<th>Low level of non-compliant</th>
<th>Medium level non-compliant (Quarantine Hazard)</th>
<th>High level of non-compliant</th>
</tr>
</thead>
</table>

**LOW RISK**

*HIGH LEVEL OF COMPLIANCE*

**MEDIUM RISK**

*LOW LEVEL OF COMPLIANCE*

**HIGH RISK**

*VERY LOW LEVEL OF COMPLIANCE*
PENALTY PROVISION

A. As a crime:
Any person who will fully violate the provision of Law Number 16 of 1992 regarding Animal, Fish, and Plant Quarantine shall be punishable by a maximum imprisonment of 3 (three) years in addition to a maximum fine of Rp.150.000.000,-

B. As an offense:
Any person who will fully violate the provision of Law Number 16 of 1992 regarding Animal, Fish, and Plant Quarantine shall be punishable by a maximum imprisonment of 1 (one) year in addition to a maximum fine of Rp.50.000.000,-
5. Quarantine Technology Information
Development of IT systems for Quarantine Management

- e-Cert
- QCA Online
- SAB Online
- Prior Notice
- E- FC
- MoA Rec.
- e-Lab
- e-Legislation
- IAS
- etc

Web services

DATA CENTER

DRC Server

Web monitor
In house System

Inhouse
EPLAQ/EQVet

Office application
Database Animal and plant pests
Application
Application
Application
process flow of E-DATA to Indonesian National Single Window (INSW)

Exporter/Importer → IAQA Server → QCA Online → Inhouse System
Transmovement of Pest Carrier Within Indonesia territory (monitored by IT)

Cases

- USA
- South Africa
- Australia
- Peru

Cities:
- Belawan
- Sby
- Priok
- Jogja
- Ambon
- Bangka
- Soeta
- Jayapura
- Timika
- Banjarmasin
- Batam
- P. Pinang
- Pontianak
- Samarinda
- Samarinda
- Makassar
- Manokwari
- Ternate
- Bitung
- Manado
- Biak
- Jayapura
- Timika
- Jambi
- Tg Pandan
Thank You