PUBLIC - PRIVATE PARTNERSHIP FOR AVIAN INFLUENZA CONTROL AND PANDEMIC PREPAREDNESS

Presented by

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Singapore - May 30, 2008
Indonesia: Confirmed Human Cases (by 17 May 2008)

- DKI Jakarta, 33 (28)
- Banten, 25 (22)
- West Java, 34 (28)
- Central Java, 11 (10)
- East Java, 7 (5)
- North Sumatera, 8 (7)
- Lampung, 3 (0)
- Riau, 6 (5)
- South Sumatera, 1 (1)
- West Sumatera, 4 (1)
- Bali, 2 (2)
- South Sulawesi, 1 (1)
AI Challenge in Indonesia:

-- 225 million people, 17,200 island, spread equal to the distance of from Seattle to New York, from London to Damascus.
-- Annual income per capita: US$2000
-- AI in bird: endemic in 31/33 provinces
-- 110 death in 3 years (TBC: average 400 death in a month)
-- 60% of human death cases are in Greater Jakarta area, population of 30 million people, center of government, center of business activities, etc.
Stages in AI Situation: Response Program and Preparedness

- Public-Private Partnership in each of the activities
- Animal control program
- Human and Public Health program
- Pandemic preparedness
- Pandemic response

WHO Pandemic Period:

1. 2. 3. 4. 5. 6.
Public Private Partnership in Animal Control Program

Restructure Indonesia poultry: Sector 3 & 4, slaughter house, market facilities, transportation and logistic facilities for poultry and poultry product; and supporting facilities (i.e. BSL3 laboratory)

- With and for poultry businesses
- Cooperation between large and small scale enterprises

Integrated Poultry Program for AI:
- surveillance
- biosecurity
- vaccination
- culling
- compensation

Risk communication and public awareness
Public Private Partnership in Human and Public Health Program

- Reference hospital and other health facilities (laboratories, etc)
- Capacity building for doctors and health personals
- Production and distribution: pharmaceutical and non-pharmaceutical measures
- Risk communication and public awareness

- 100 hospitals
- Including privately-owned hospital
- Vaccine development
- PPE supply
The potential threat of Influenza Pandemic is real ... It is impossible to predict when and where a pandemic might occur. But it is certainly possible to be prepared.
IDENTIFYING CRITICAL SUPPORT SYSTEMS

Public and Private Entities:
- Food
- Water
- Fuel and electricity
- Telecommunication
- Transportation
- Banking
- Logistic
- Health Care

Public Sector:
- Emergency services
- Law and order
Public Private Partnership in Pandemic Preparedness and Pandemic Response

1. Building understanding and awareness

   -- What is pandemic influenza?
   -- What is the threat?
   -- How will we know if/when it appears first?
   -- What should we do if/when it appears?
   -- How to recover from pandemic situation?

2. Establishing process and mechanism for surveillance and control

3. Developing specific process and mechanism in pandemic situation for private sectors:
   -- Internal entities / company
   -- For public support
Public Private Partnership in Pandemic Preparedness and Pandemic Response

Pandemic Context and Measures (by March 2008):

- Epicenter can be anywhere, inside or outside the country
- Transmission and spreading of influenza virus can be from outside and inside the country
- Geographical spread will be rapid with practically no geographical barrier.
- Clinical disease attack rate will be 30% in overall population, 20% of working adult will become ill during an outbreak. All demographic groups are at risk.
- Rates of serious illness, hospitalization, and death will be high.
- Rates of absenteeism will be high. Quarantine, isolation, closing of school and offices will increase absenteeism.
- Incubation period is approximately 2-3 days. Epidemic will last 8-10 weeks in affected communities.
Pandemic Context and Measures (by March 2008):

- Pandemic Measures:
  -- Pharmaceutical and non-pharmaceutical intervention
  -- Isolation
  -- Quarantine
  -- Social distancing
  -- Closing places of assembly
  -- Worried-well situation (healthy people who avoid the work place for fear of exposure)
  -- Logistic and supports.

Potential impact on critical support system
## Public Private Partnership in Pandemic Preparedness and Pandemic Response

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Other Critical Success Factor:

International Cooperation:

-- Influenza pandemic is borderless, no country immune from pandemic
-- No country have the total preparedness capability
-- Need a cooperation and collaboration

→ Critical: international common understanding and system compatibility.

Thank you