

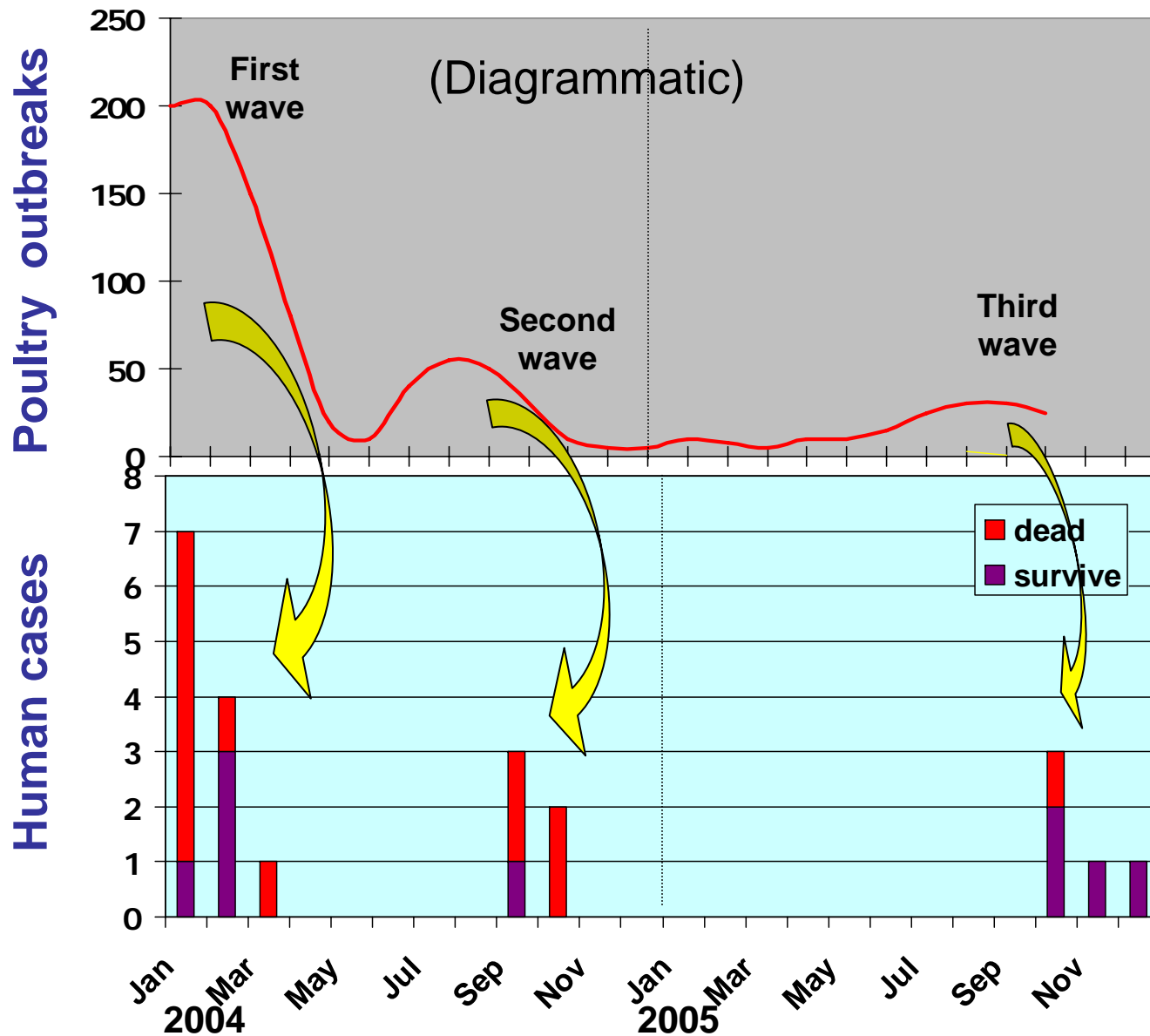
Thailand's avian influenza control and pandemic influenza preparedness

Supamit Chunsuttiwat

Ministry of Public Health

12 July 2006

Avian influenza situation 2004-05



Avian influenza control strategies

Animal health

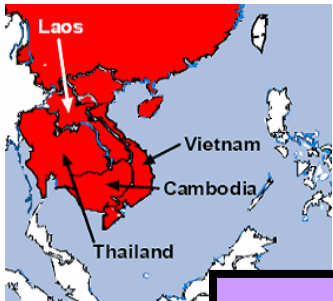
- Active surveillance
- Culling infected flocks with compensation
- Controlling movement of poultry, including fighting cocks and ducks
- Improving biosecurity
- Biosecurity Zoning and compartmentalization
- Countrywide community surveys (X-ray operation)

Public health

- Surveillance of human infections, with epidemiologic and laboratory investigations
- Strengthened cases management, stressing on infection control
- Public risk communication, emphasizing high-risk groups

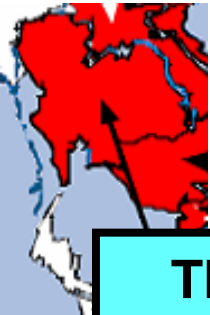


**Global
preparedness for
influenza pandemic**



**Regional
preparedness**

**Regional
preparedness**



**Thailand's
preparedness**

**National
preparedness**

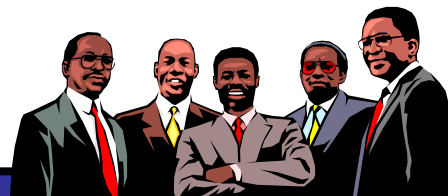
**National
preparedness**

**National
preparedness**

The Cabinet

**Cabinet approved
25 January 2005**

**National
Strategic Plans
for Avian
Influenza Control
and Pandemic
Influenza
Preparedness**



**National Committee
on Avian Influenza
Response**

**Strategic plans on
Avian Influenza and
Influenza Pandemic
Preparedness
(2005-2007)**

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graph TD; A["Strategic plans on Avian Influenza and Influenza Pandemic Preparedness (2005-2007)"] --> B["Operation Plan of the Ministry of Agriculture & Cooperatives"]; A --> C["Operation Plan of the Ministry of Public Health"]; A --> D["Operation Plans of other Ministries and Agencies"];
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Operation Plan
of the Ministry
of Agriculture
& Cooperatives

**Operation Plan
of the Ministry
of Public
Health**

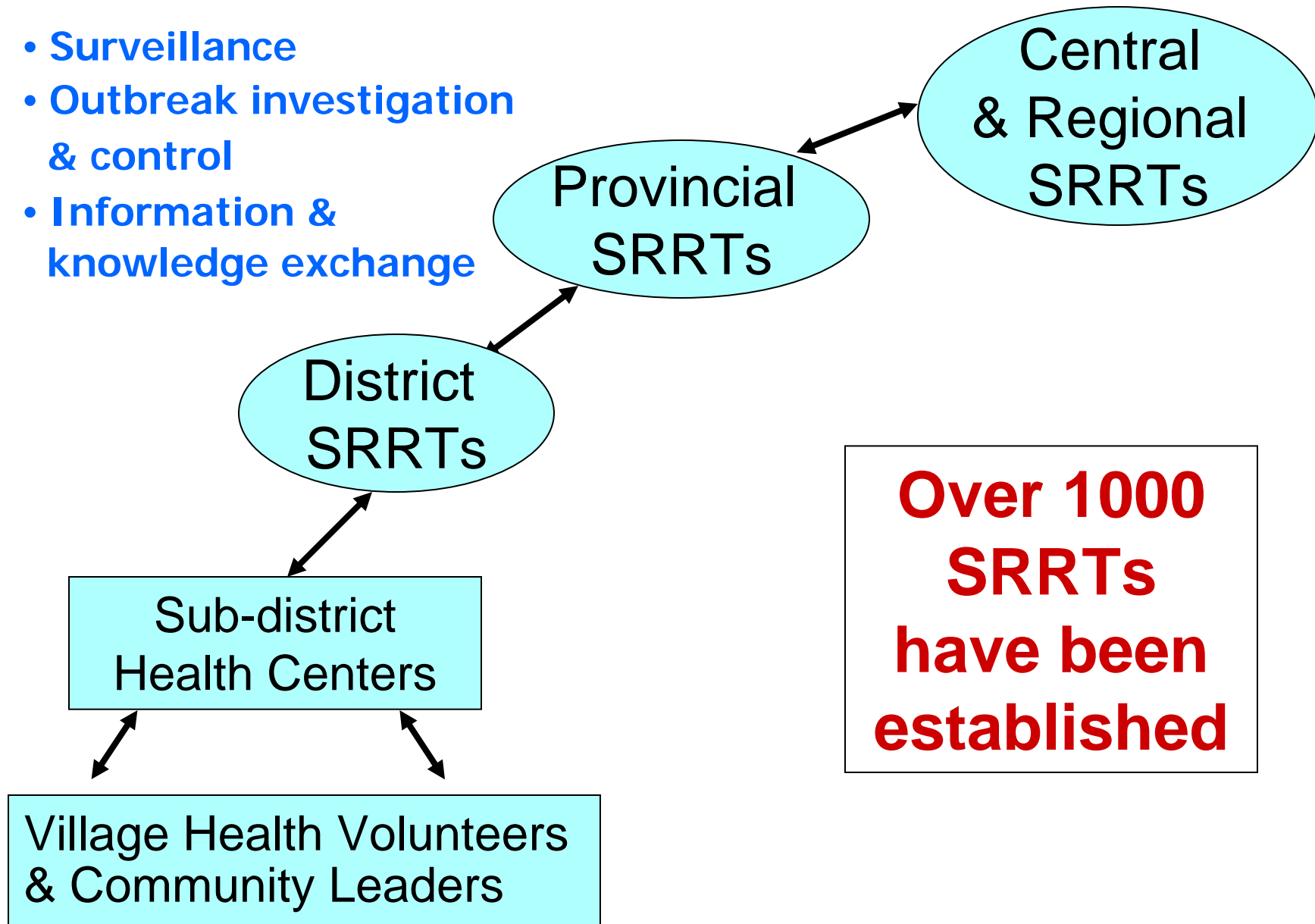
Operation
Plans of other
Ministries
and Agencies

Strategies

- Surveillance – in man & animals
- Stockpiling and logistics
- Emergency responses
 - Public health
 - Community
- Public communication
- Integrated command and coordination

SRRT : Surveillance and Rapid Response Team

- Surveillance
- Outbreak investigation & control
- Information & knowledge exchange



Strengthening Laboratory Capacity & Networking

- Establish Lab Network : NIH, NAIH, University, Military, etc.
- Equip and train 13 regional labs nationwide for molecular technique testing
- Enhance laboratory bio-safety and bio-security

Strengthening case management

- Standard guidelines and training on case management; including triage system, rational use of rapid test and antiviral
- Infection control in health care facilities
 - Isolation rooms
 - Personal protection equipment (PPE)
 - Hand hygiene
- Plan for extension of medical service in the face of epidemic

Risk communication

- Disseminate risk communication and public education on AI and influenza through public media, including call centers
- Provide AI risk communication to risk groups through personnel, volunteers and local media
- In AI outbreak situation, organize media releases with daily update of situation and public advices.
- Introduce message on risk of influenza pandemic and need for preparedness

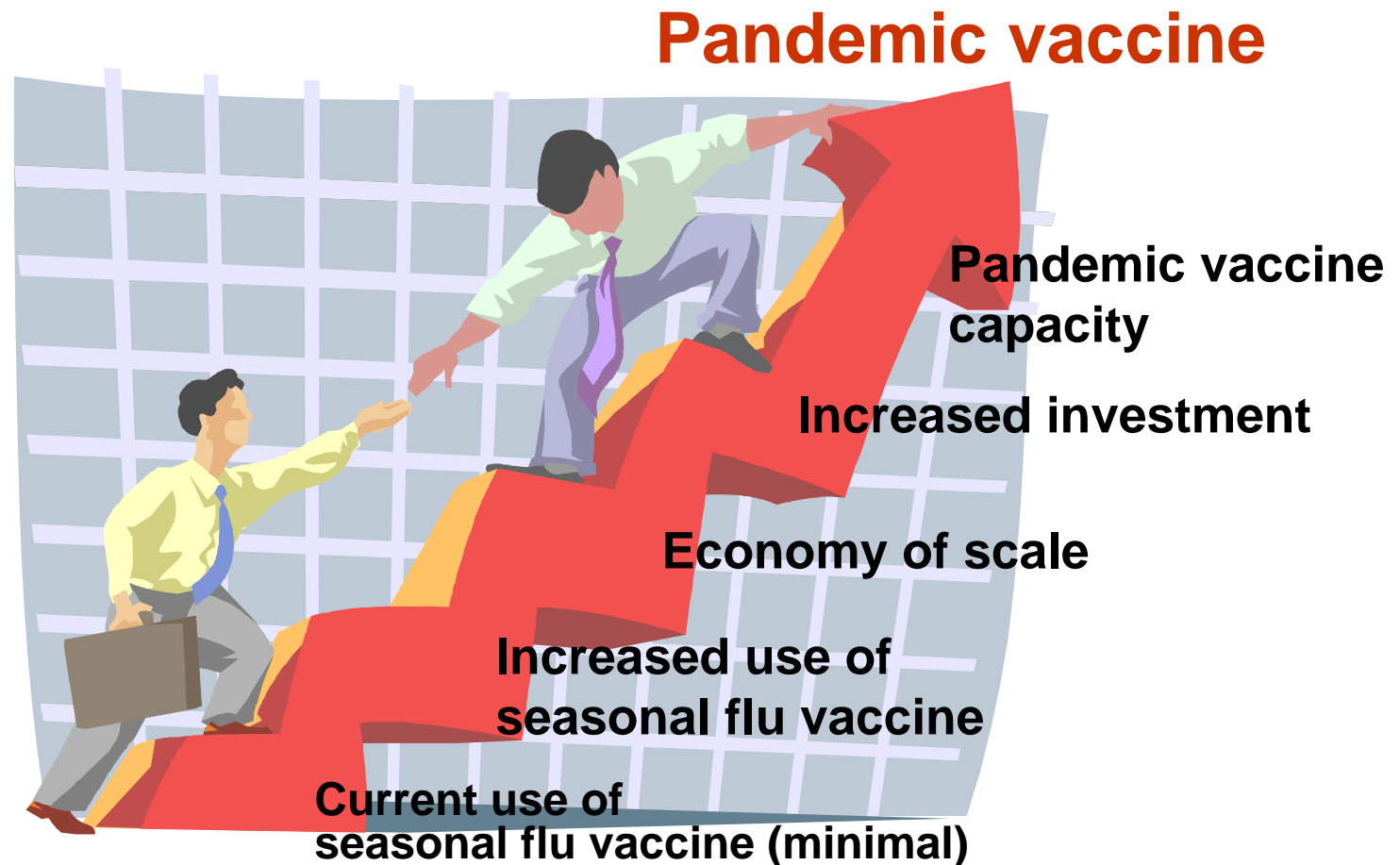
Stockpiling and logistics

- Antiviral drug (Oseltamivir) for treatment of AI cases and containment of pandemic at source
- Seasonal influenza vaccine for health personnel and poultry cullers
- Personal protection equipment (PPE)
- Rapid test kits

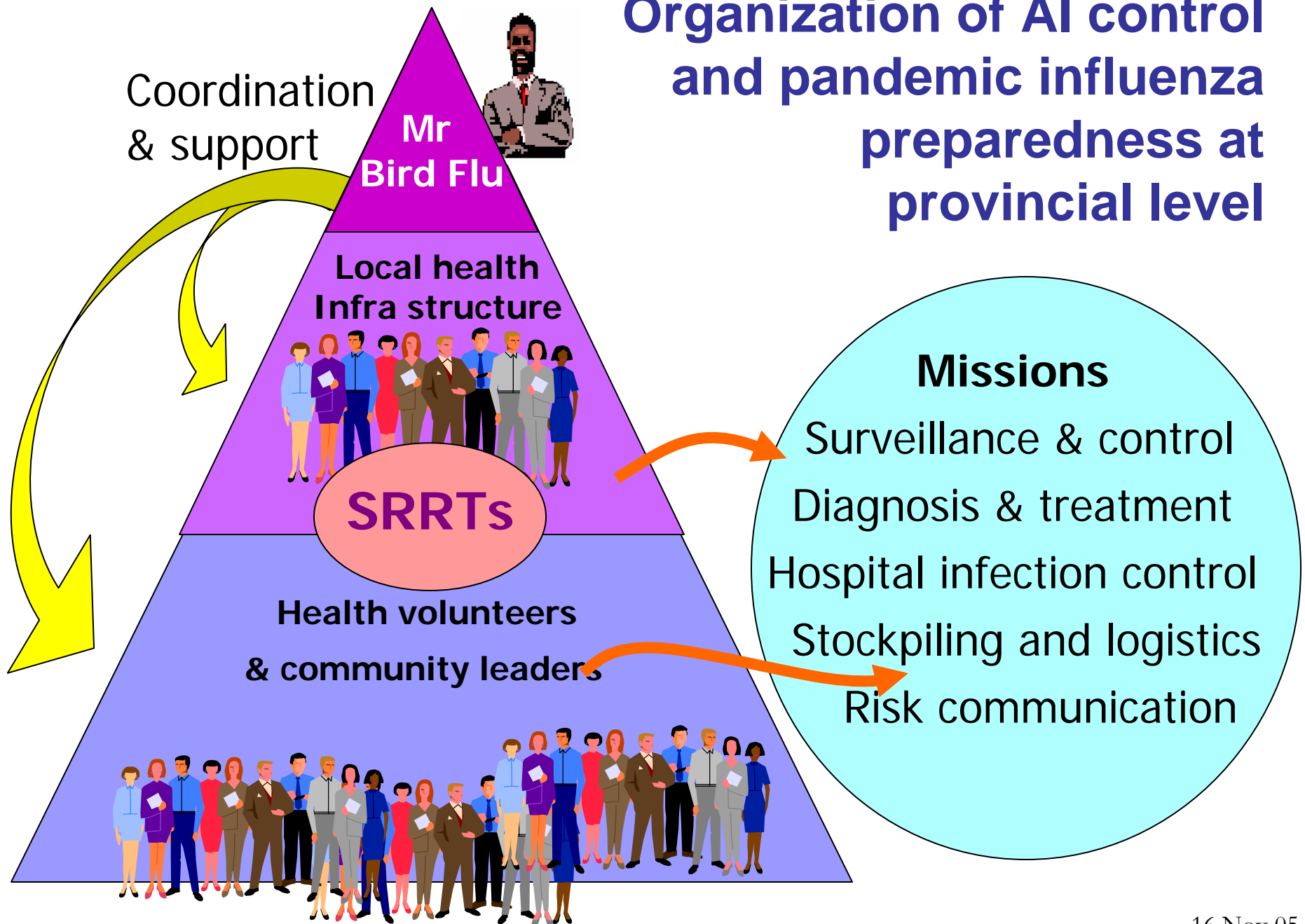
Oseltamivir stockpiling initiative

- Purchase from Roche
 - 100,000 treatment courses in 2005
 - to secure 100,000 treatment courses in 2006
- Efforts towards local production by GPO
 - Pilot production (from imported API), bio-equivalent study underway, expecting FDA license in 2006
 - Production plant (API formulation and packaging) proposal for government support under “Modernized Thailand” package.
- Advocacy for development of regional stockpiles

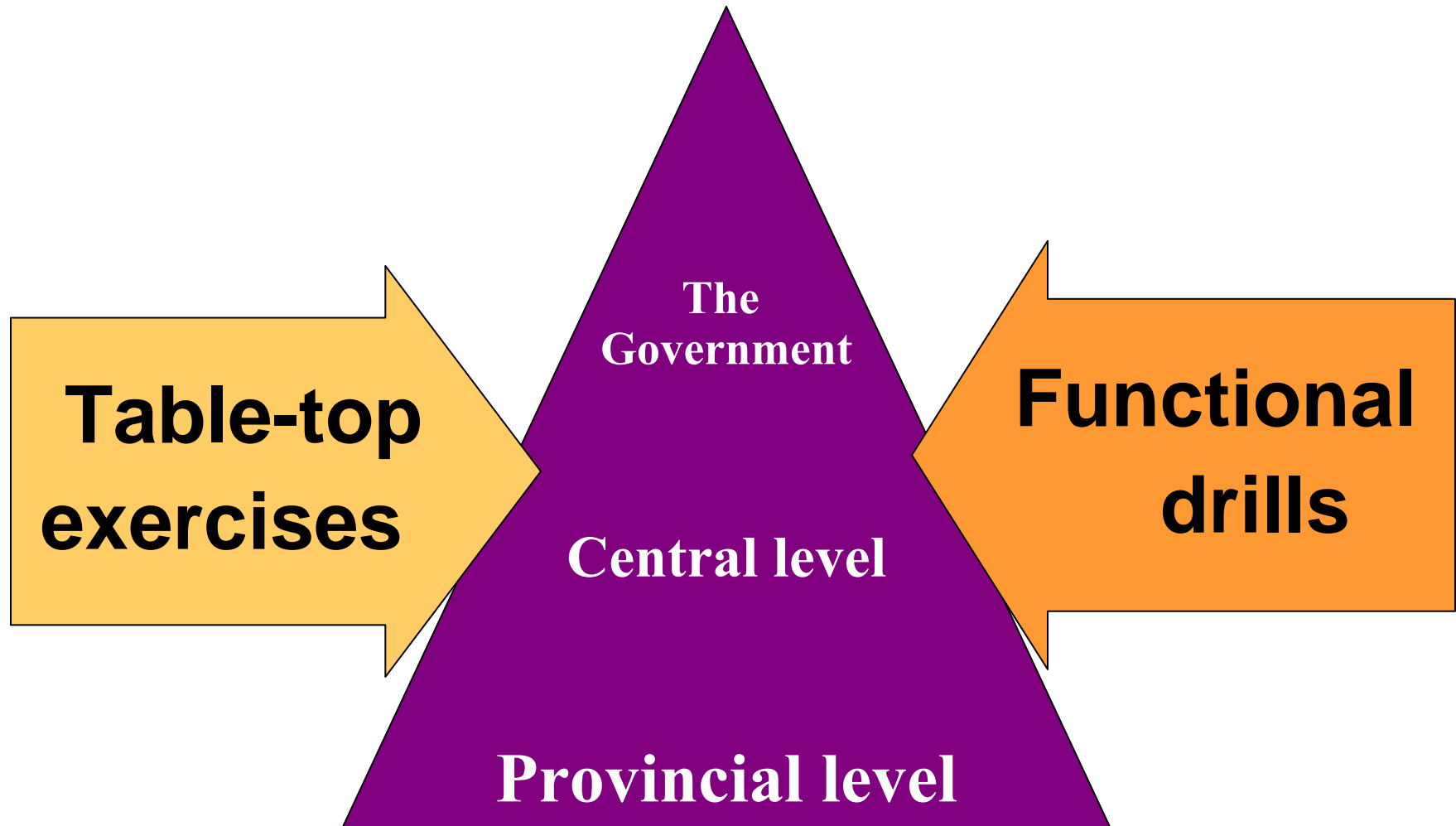
Roadmap toward pandemic vaccine access



Organization of AI control and pandemic influenza preparedness at provincial level



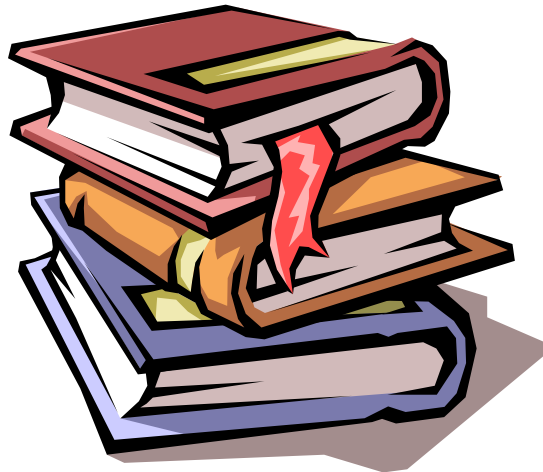
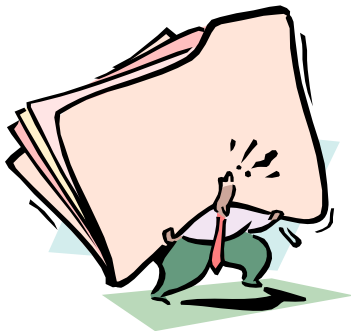
Exercises of preparedness plans



Technical support for the exercise

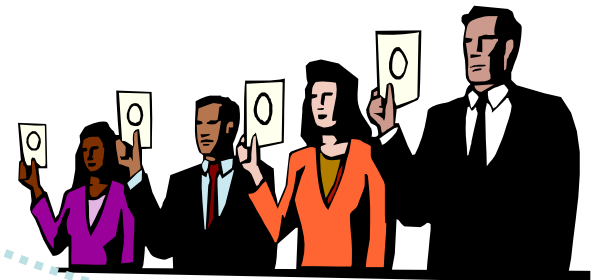
Consultants

Experts

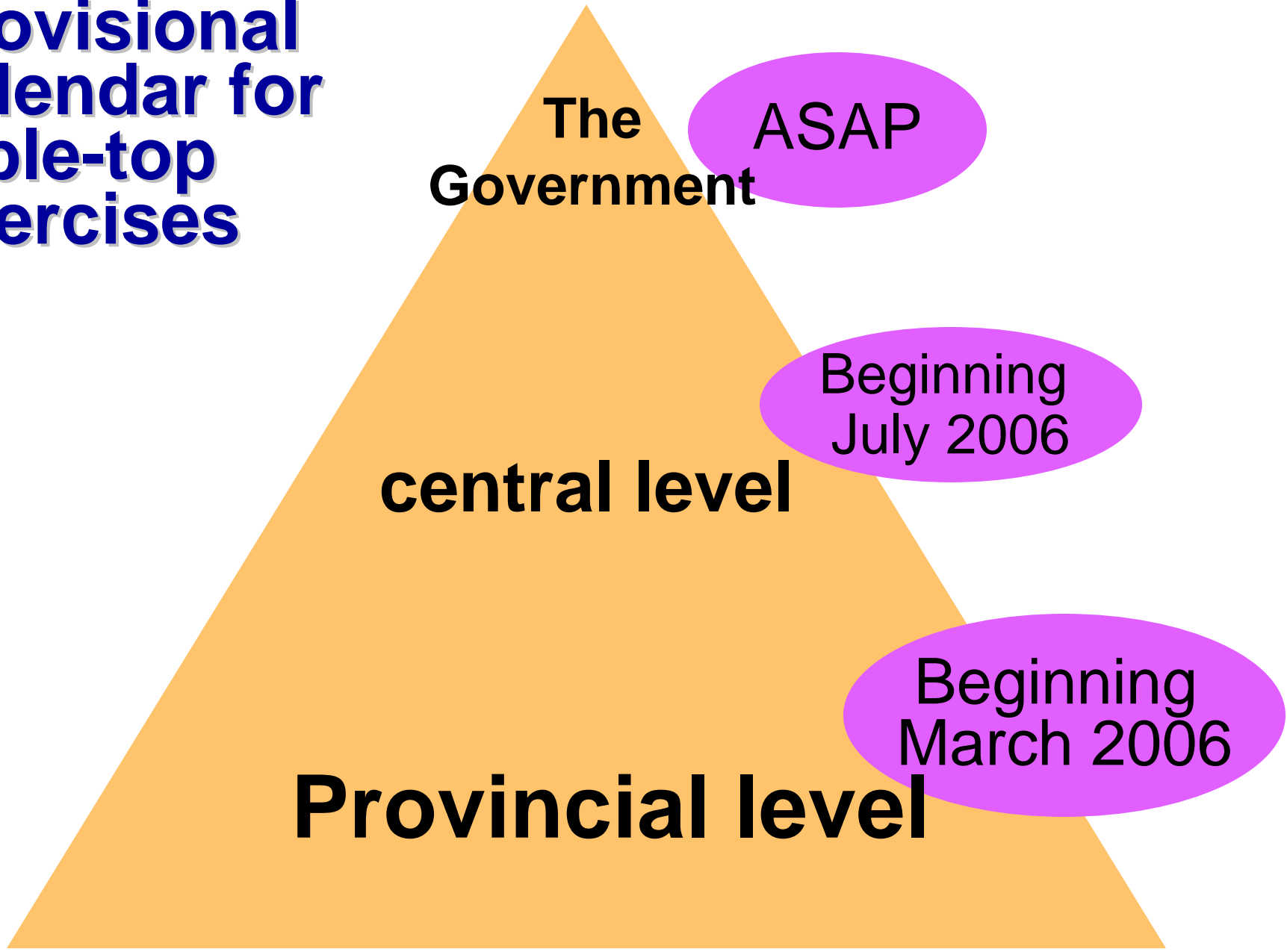


Exercise tools:

Guidelines,
checklists,
formats, etc



Provisional calendar for table-top exercises



Private sector preparedness



**Getting
prepared**

**Businesses, enterprises,
industries, power plants,
gas stations, travels,
transportations, banks,
communications, IT,
department stores,
hotels, hospitals, etc.**

For:

- ***Safety of owners
and employees***
- ***Business continuation
during pandemic***
- ***Rapid recovery after
pandemic***
- ***Cooperation with
the public sector in
pandemic response***



Thank You