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Sanitation in East Asia – Situation and Trends Analysis

Philippine Symposium on Sustainable Sanitation and Global
Handwashing Day 2009 – Sustainable Sanitation Capacity
Development for Decision Makers

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Jose Augusto Hueb

World Health Organization
Western Pacific Regional Office



Introduction

The Southeast and East Asian countries addressed in this presentation include the 14 Member States of the Thematic Working Group on Water, Hygiene and Sanitation:

- ◆ Brunei Darussalam
- ◆ Cambodia
- ◆ China
- ◆ Indonesia
- ◆ Japan
- ◆ Lao People's Democratic Republic
- ◆ Malaysia
- ◆ Mongolia
- ◆ Myanmar
- ◆ Philippines
- ◆ Republic of Korea
- ◆ Singapore
- ◆ Thailand
- ◆ Viet Nam

Structure of this presentation

- ◆ Part I: Demography and health;
- ◆ Part II: Status of access to sanitation services in Southeast and East Asia;
- ◆ Part III: What to do?
- ◆ Part IV: Regional initiative for the development of the water and sanitation sector in Southeast and East Asia.

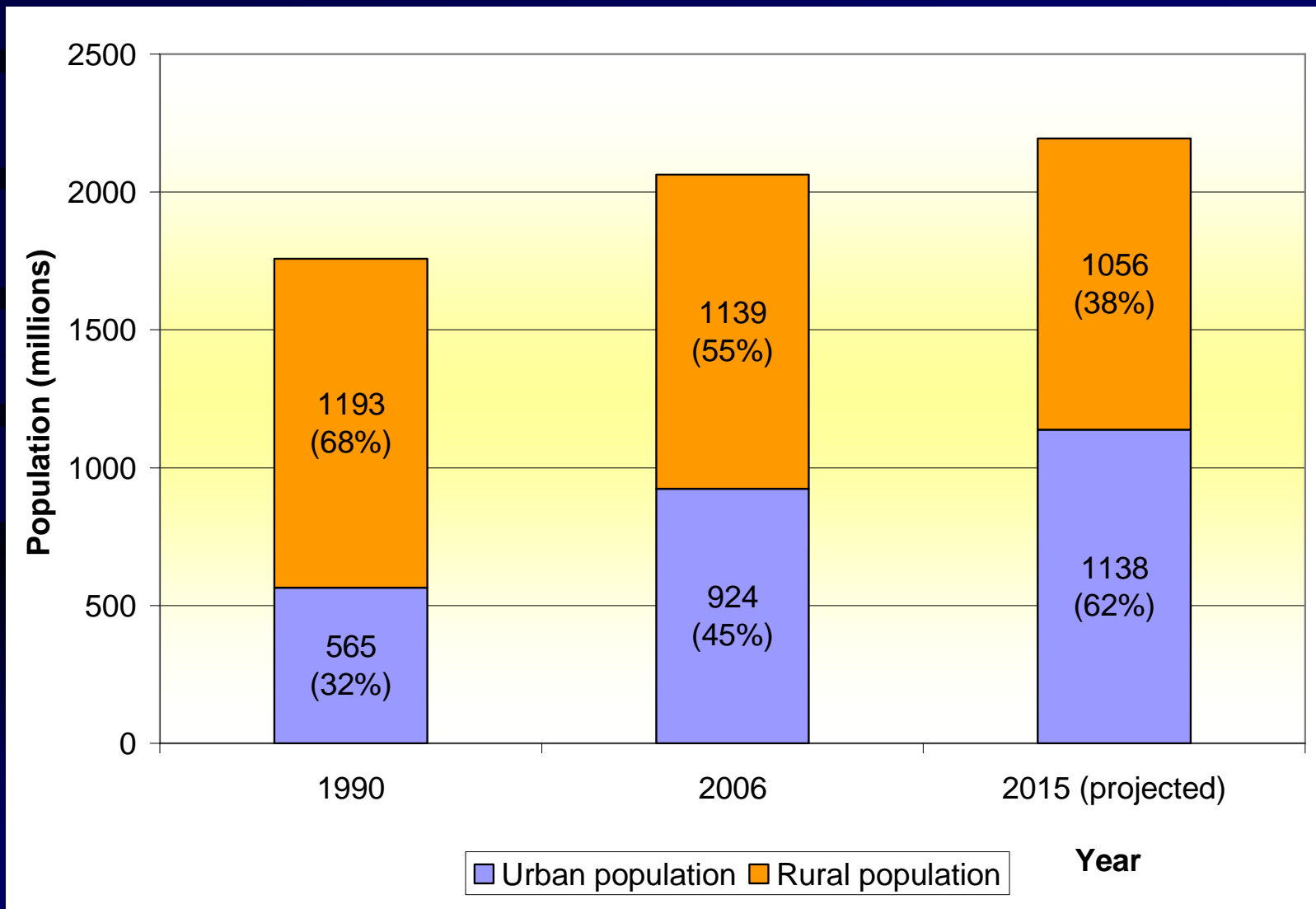


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Part I

Demography and health

Change in population in 14 Asian countries



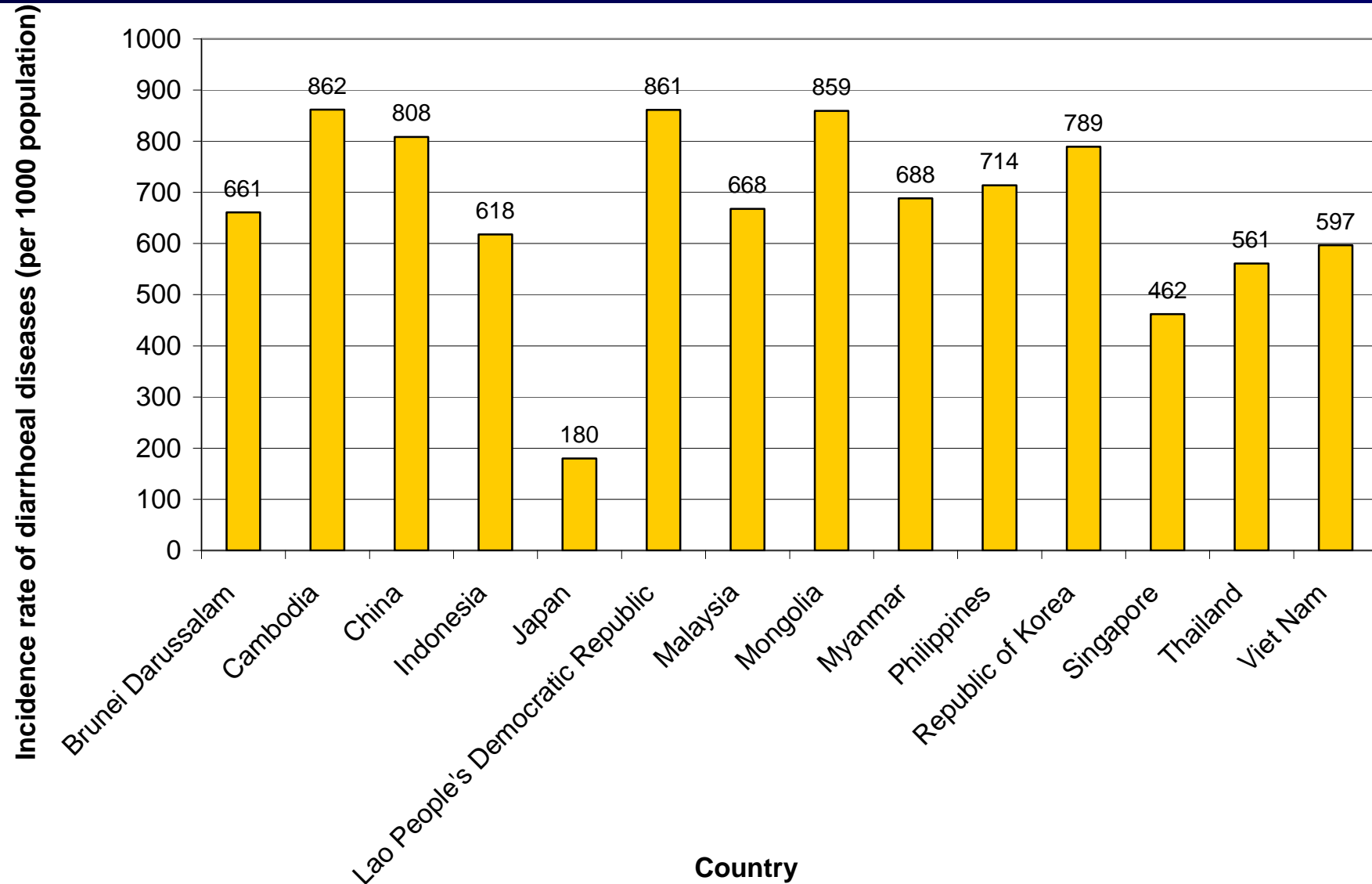
Impact of water, sanitation and hygiene interventions

**Improved
health**

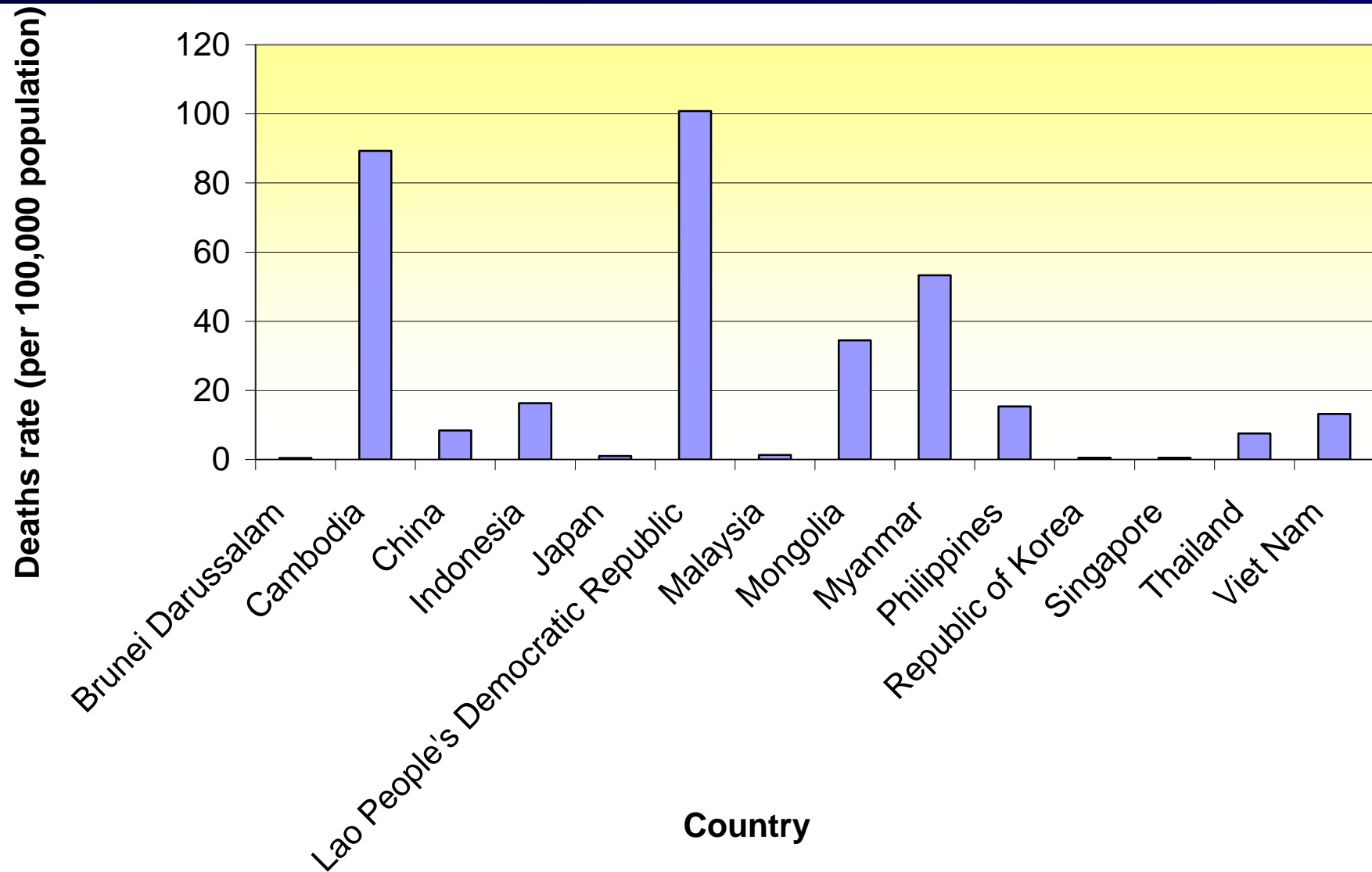


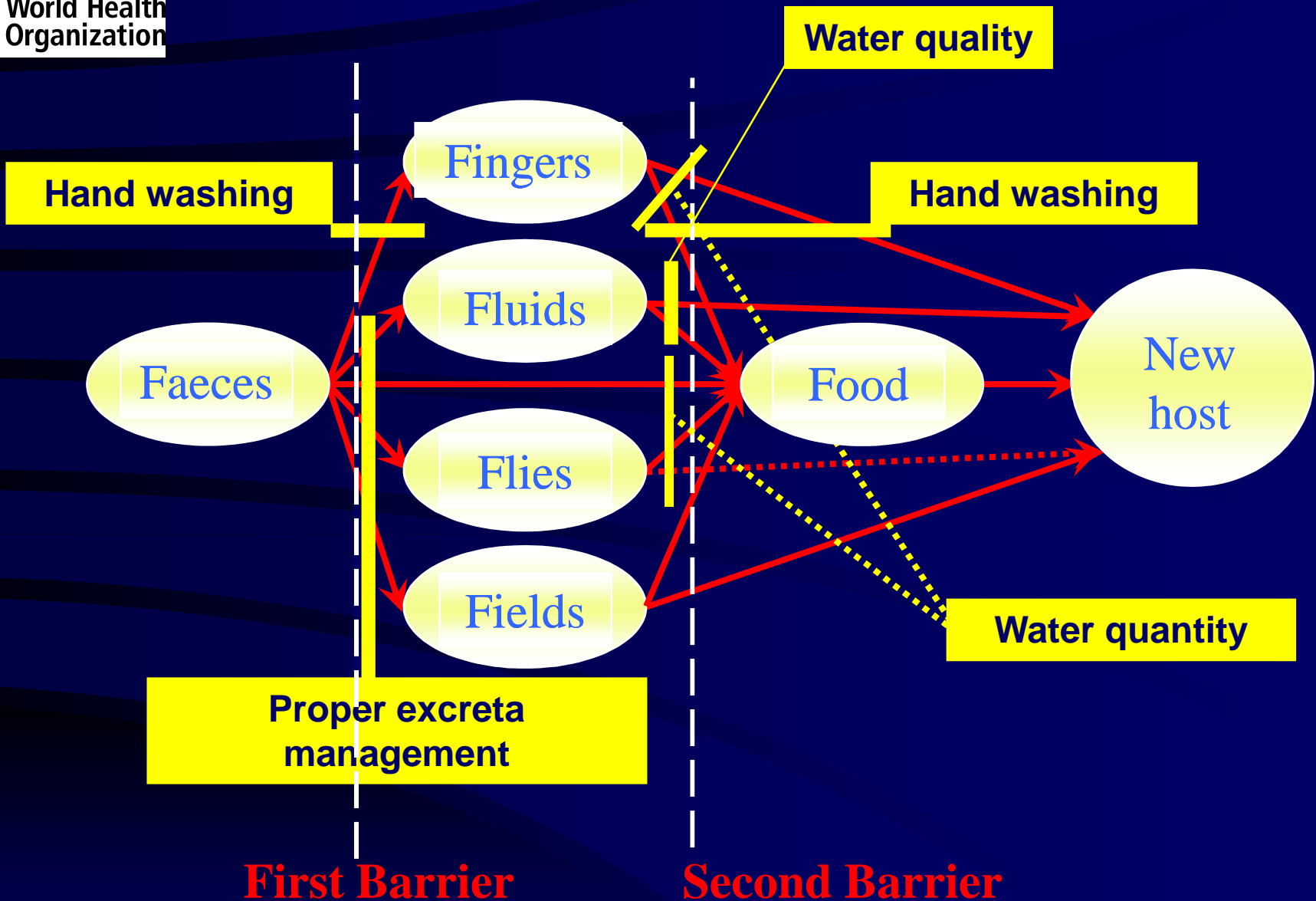
- Reduced diarrhoeal disease morbidity
- ↘ Improved water supply: 21%
 - ↘ Improved sanitation: 37%
 - ↘ Hand-washing: up to 35%
 - ↘ Point of use disinfection: 45%
 - ↘ Piped water supply and sewage in house: up to 77%.

Incidence rate of diarrhoeal diseases per 1000 population in 14 Asian countries



Deaths rate due to diarrhoeal diseases per 100,000 population in 14 Asian Countries





The F-Diagram

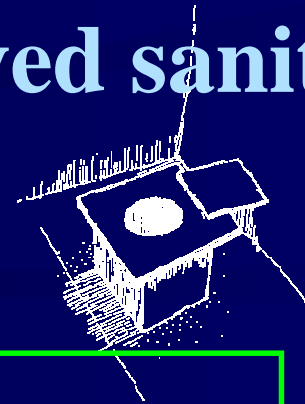
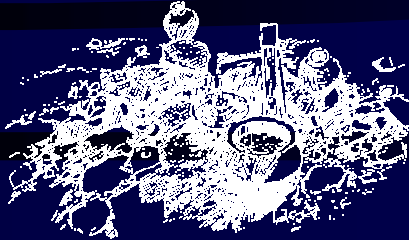
Source: Wagner and Lanois, 1958



Part II

Status of access to sanitation services
in the fourteen member countries of
the Thematic Working Group (TWG)
on Water Supply, Sanitation and
Hygiene (TWG-WSS)

JMP definition of improved sanitation facilities



IMPROVED

Flush/pour flush to:

- piped sewer system
- septic tank
- pit latrine

Ventilated improved pit (VIP) latrine

Pit latrine with slab

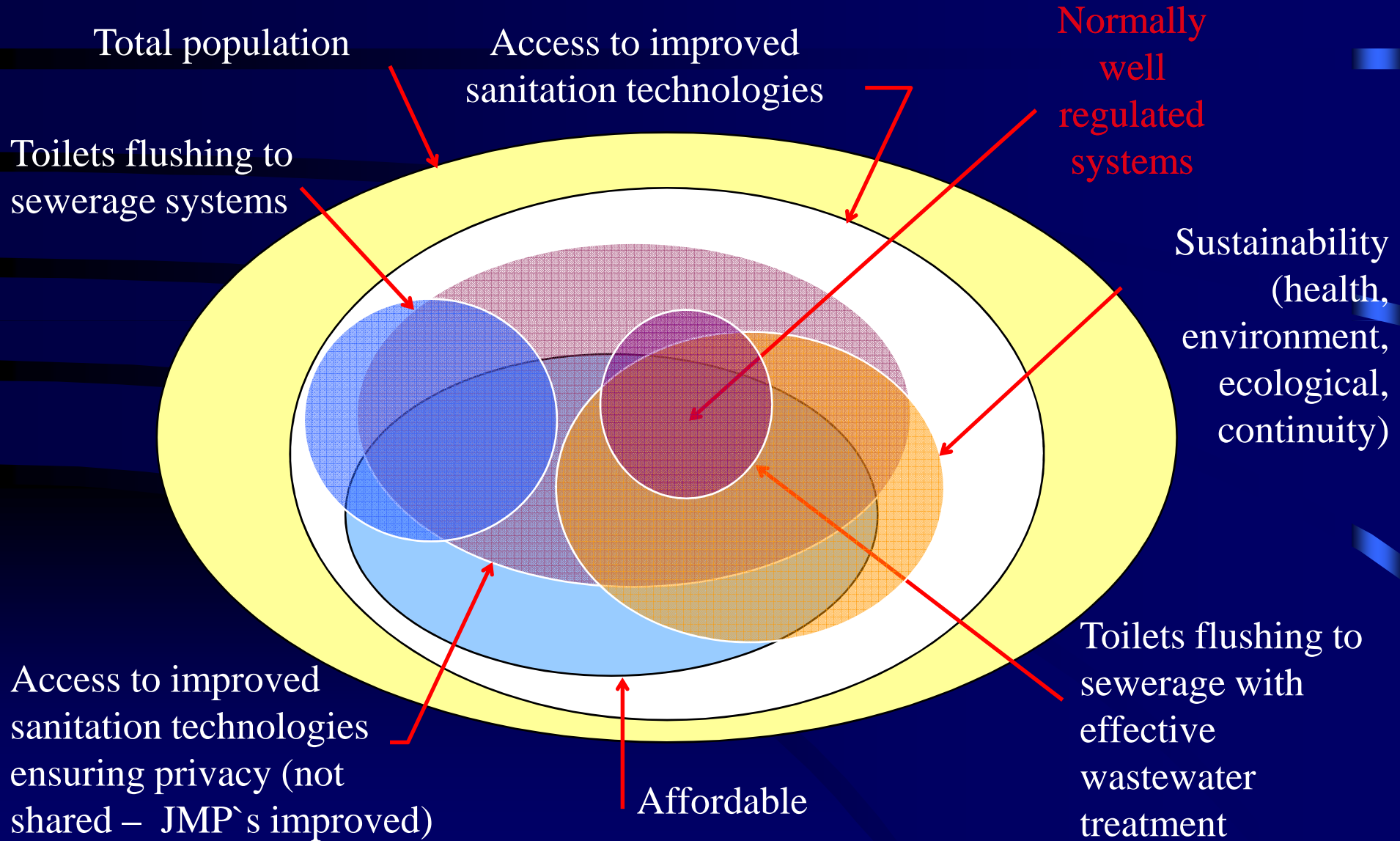
➤ **Composting toilet**

UN-IMPROVED

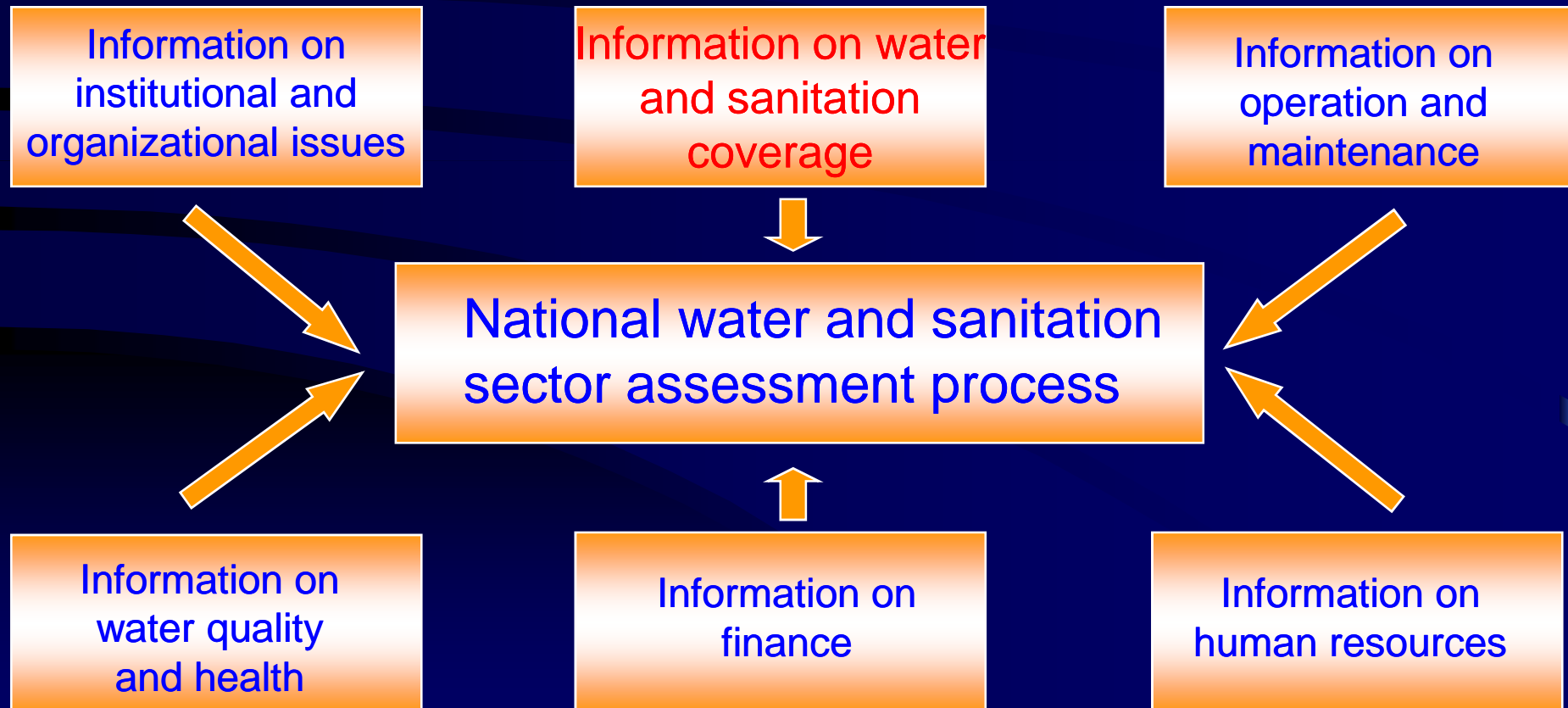
- **Flush/Pour flush to elsewhere**
- **Pit latrine without slab/open pit**
- **bucket**
- Hanging toilet/hanging latrine**
- No facilities, bush or field**



Levels of sanitation services

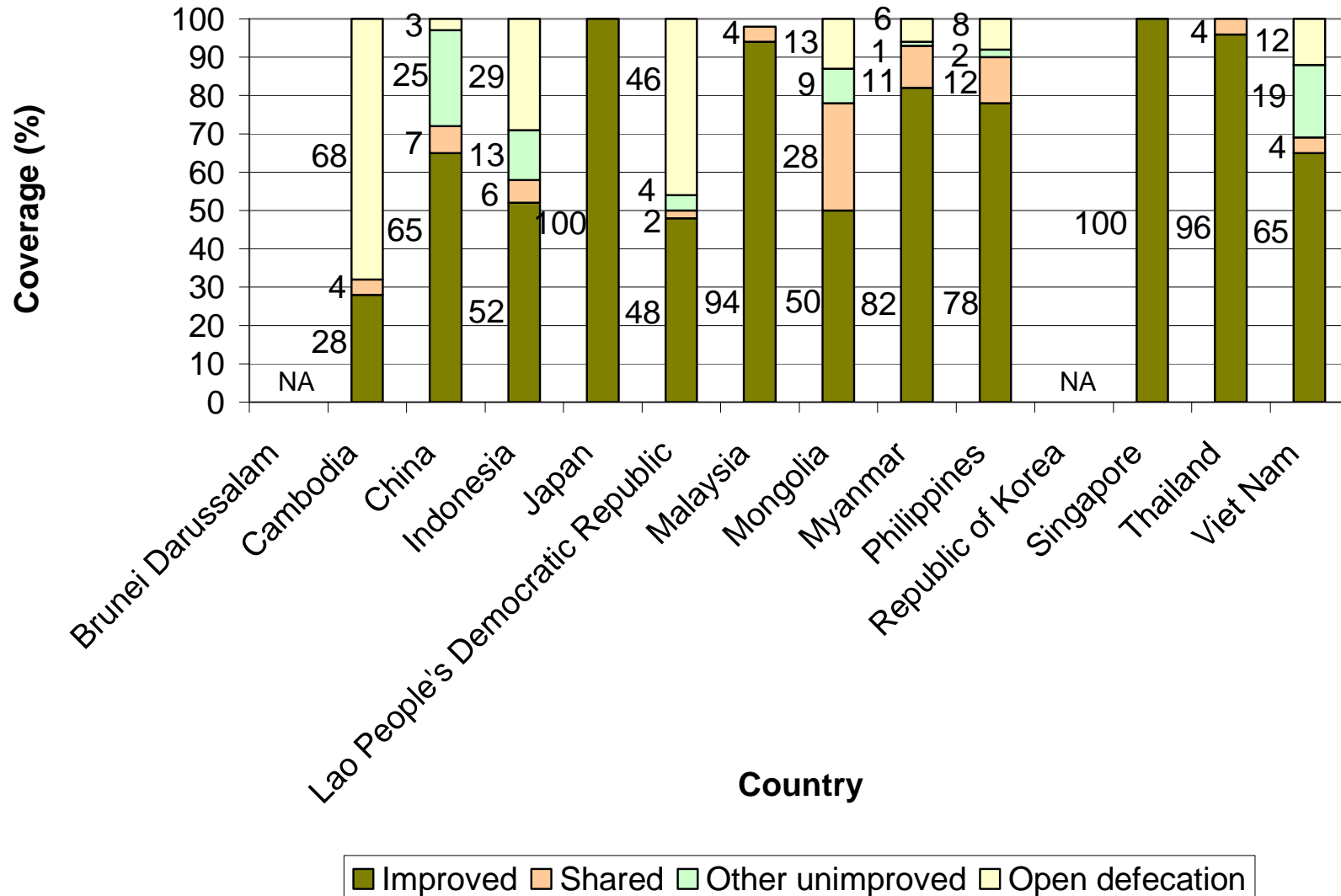


How does the national system to monitor coverage relates to a broader water and sanitation sector assessment process?



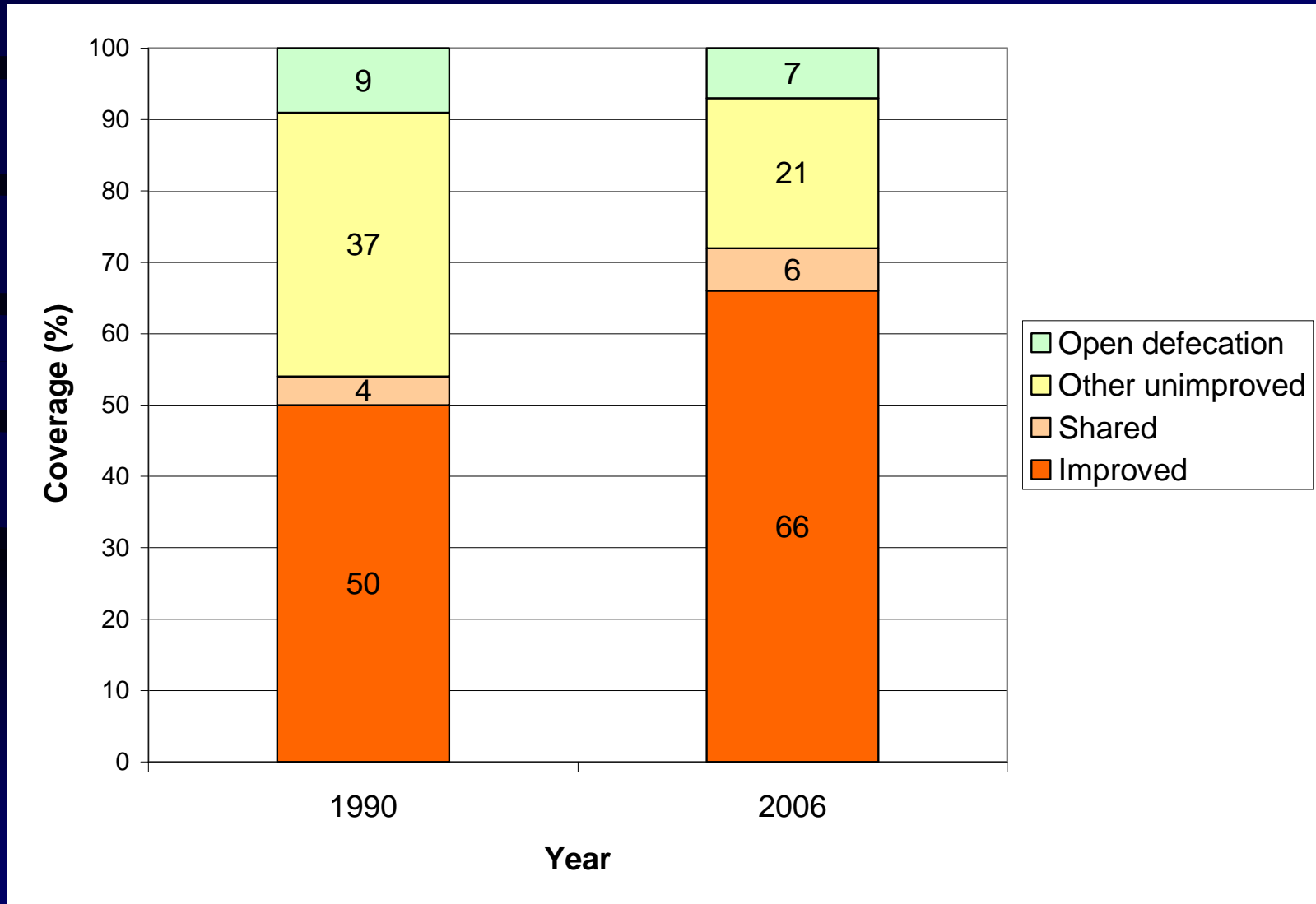


Proportion of population using different sanitation practices in 14 Asian countries



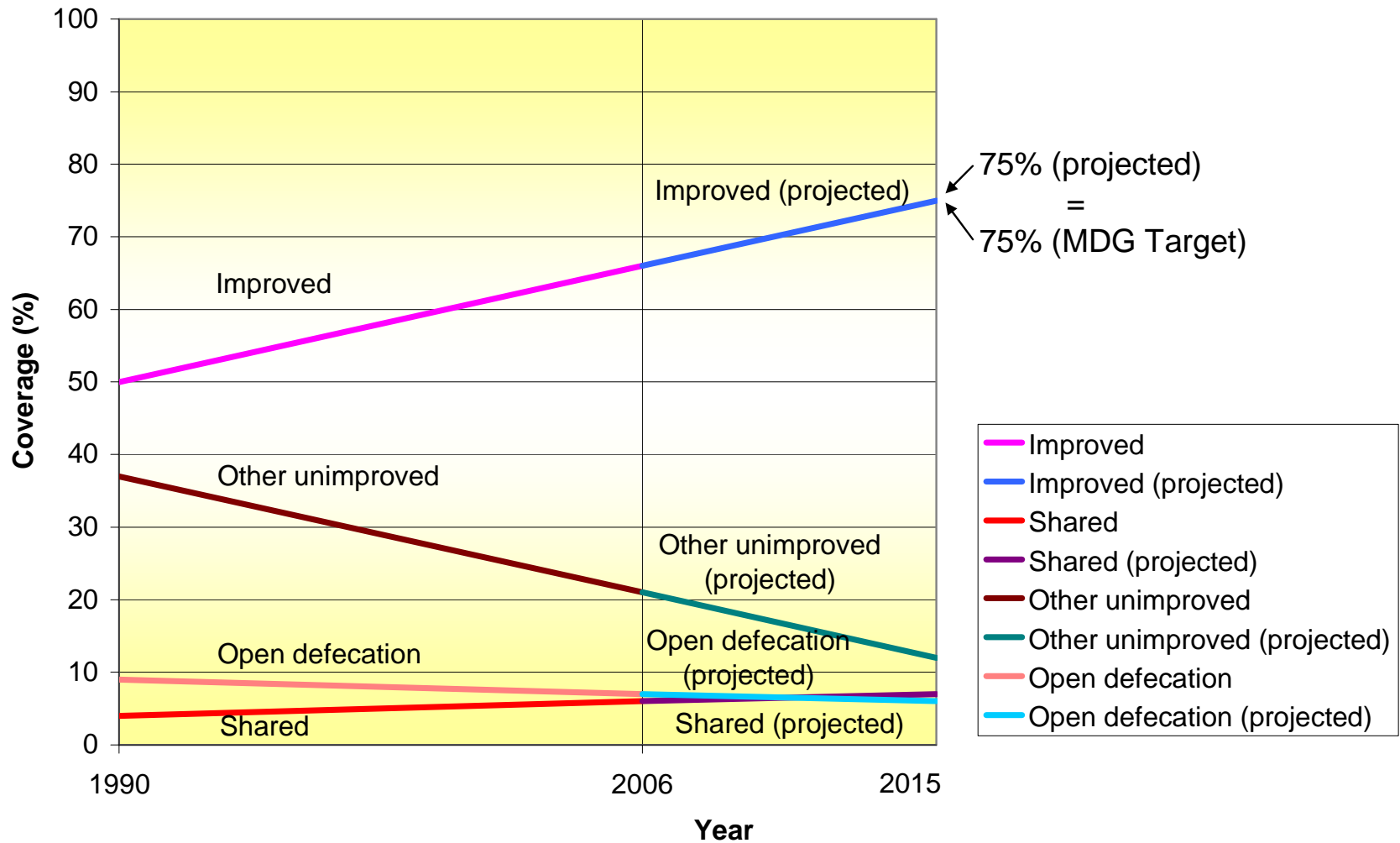


Proportion of population using different sanitation practices in the 14 Asian countries





Total population using different sanitation practices in 14 Asian countries





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Part III

What to do?



WHO should be involved?





Priority areas

- ◆ Political commitment
- ◆ Develop/improve Legislation and regulations
- ◆ Build capacity
- ◆ Emphasise hygiene
- ◆ Mobilise financial resources
- ◆ Gender and equity
- ◆ Support small-scale entrepreneurs
- ◆ Focus on youth and use education
- ◆ Take responsibility for the Environment
- ◆ Make information flow!
- ◆ Strengthen partnerships



Part IV

Regional initiative for the development of the water
and sanitation sector in Asia:

**Thematic Working Group on Water Supply,
Sanitation and Hygiene**

History

2004 →

High-level meeting in Manila in November 2004, involving policy-makers of the Southeast and East Asian countries: decision to develop an EH charter and organize a ministerial EH conference.

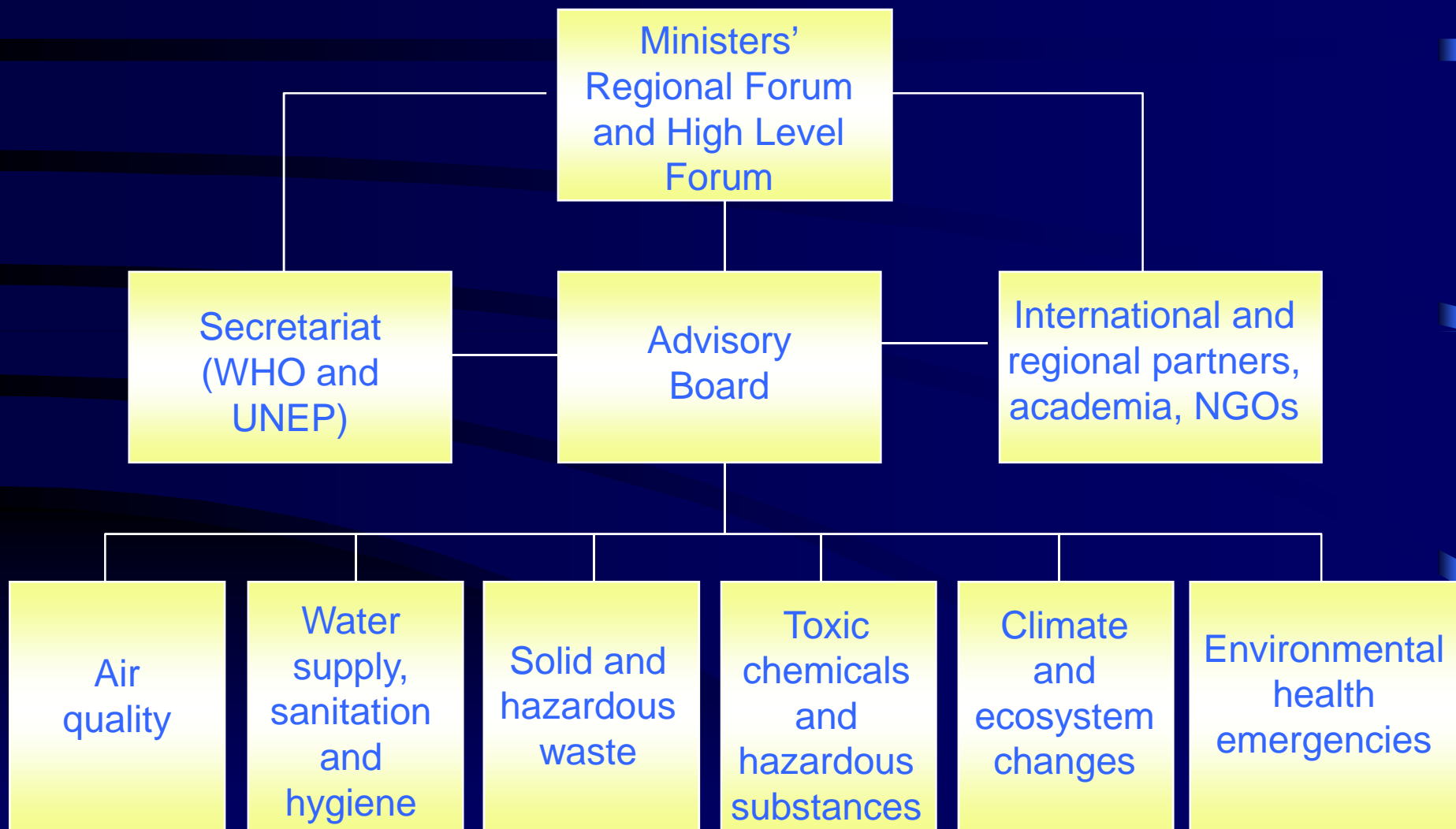
2005 →

High-level meeting in December 2005 in Bangkok, to discuss a draft Charter of the Regional Forum as well as the Ministerial Conference on EH.

2007 →

First Ministerial Regional Forum on Environment and Health in South-East and East Asian countries, Bangkok, August 2007: Established the Regional Forum on Environment and Health and approving the EH Charter; establishment of thematic working groups including a group on water, hygiene and sanitation and respective work plans.

Structure of the Regional Forum on Environment and Health





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Thank you