

# Strengthening Preparedness for Arboviral Disease

NASEM Arbovirus Workshop

14 Dec 2023

A/P Ng Lee Ching





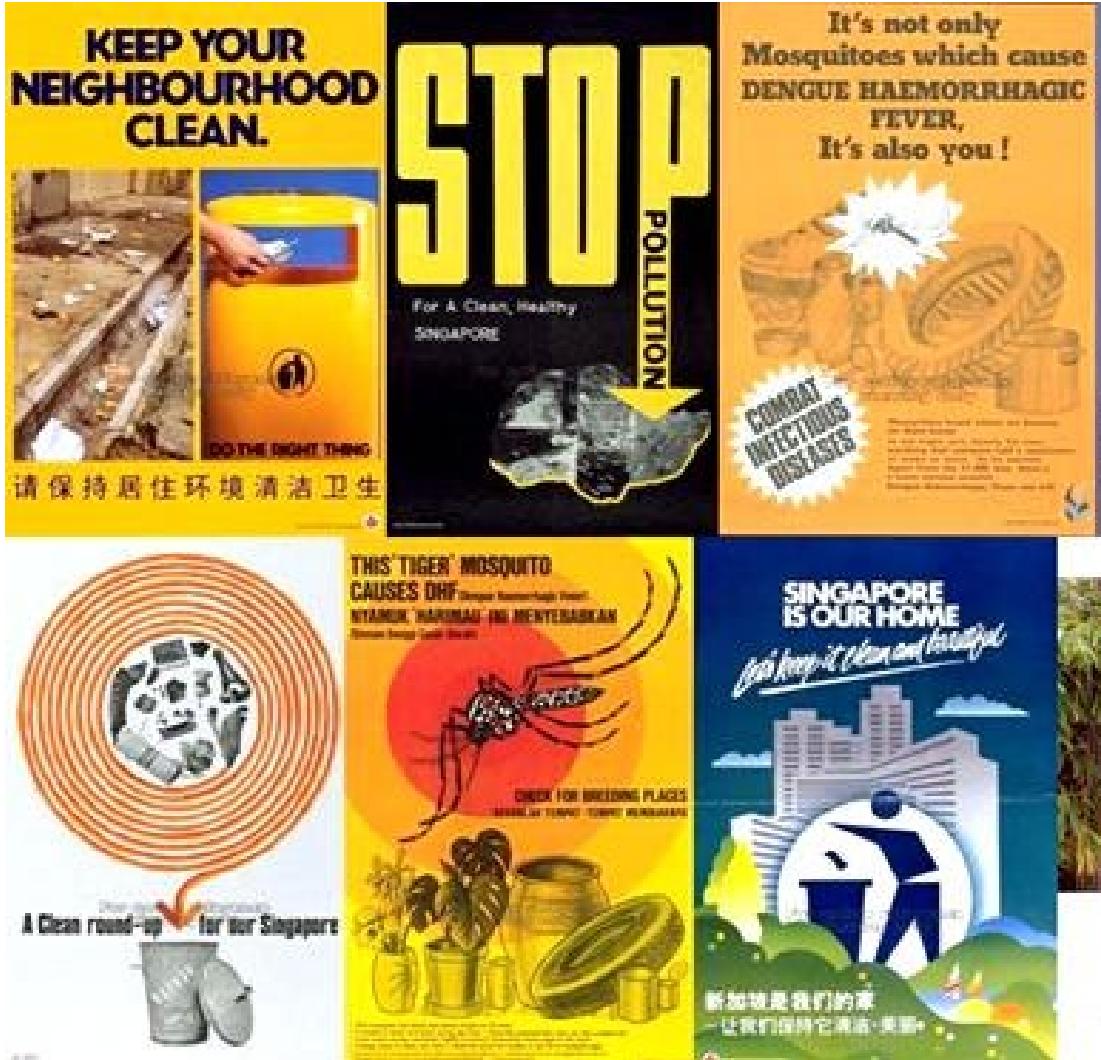
2020



Mid 1965

*Photo credit: VINTAGE EVERYDAY*

# Environmental Management, Sanitation and Hygiene



# Environmental Management - Design modification

---

Redesign  
bamboo  
pole  
holders



Eliminate  
roof gutters



# Intersectoral Collaboration – Beyond One Heath

## Interagency Dengue Task Force for Vector Control

- People:



- Private:



- Public:



## Town Councils

## One Health Coordinating Committee and working Group

Ministry of Health

National Environment Agency

NParks

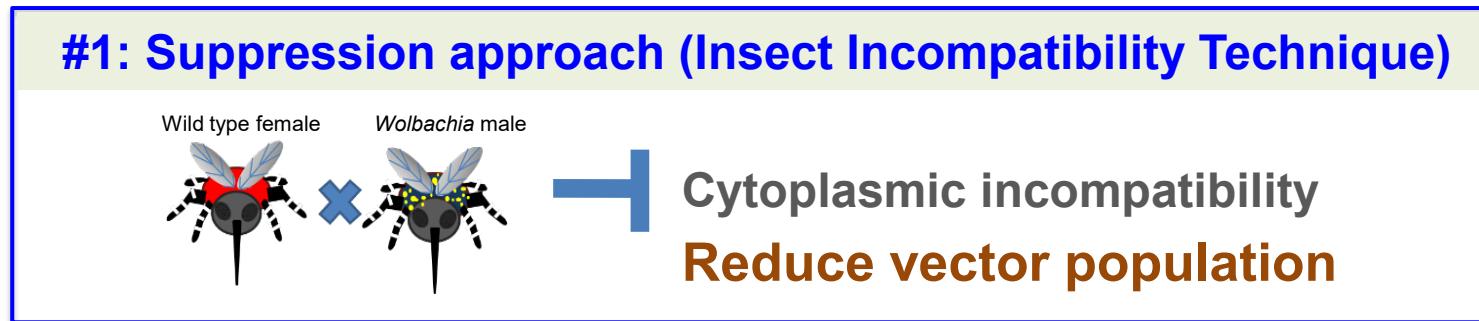
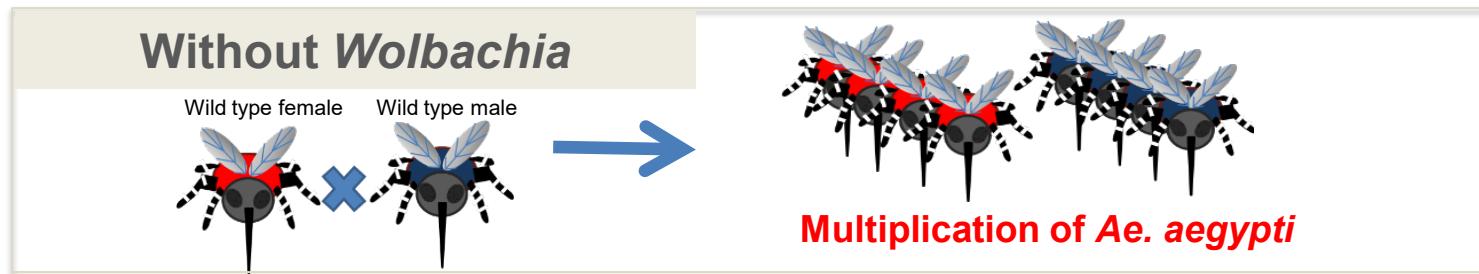
Singapore Food Authority

PUB (water agency)

Government agencies –  
academia for research  
and risk assessment

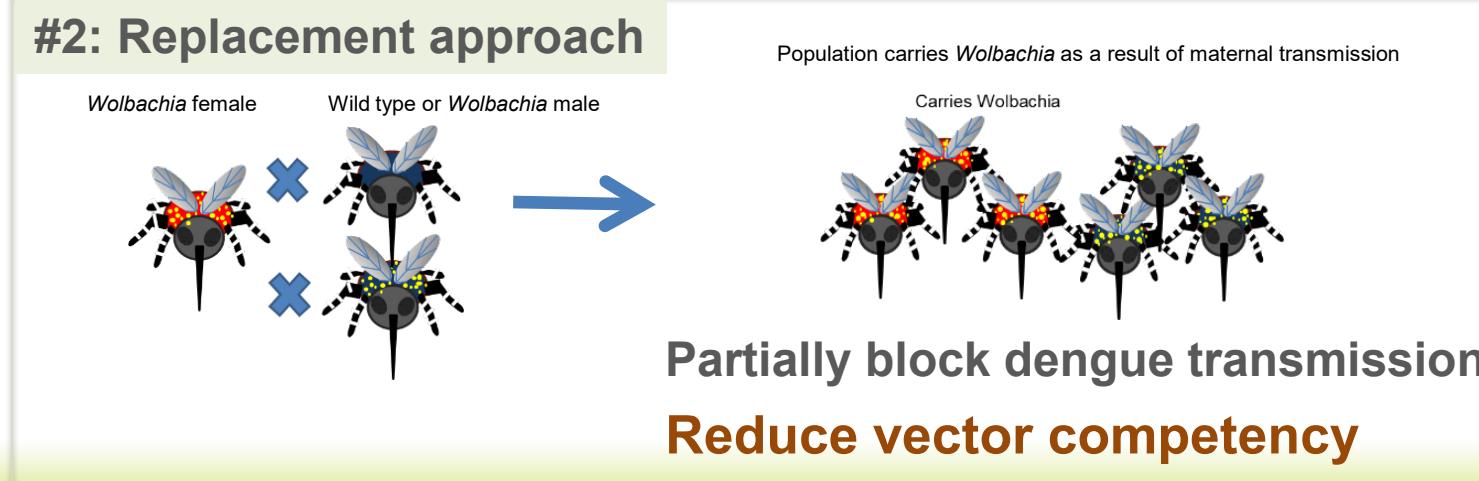
Field operation -  
Laboratory – Clinicians  
for response

# Use of technology



Countries using the suppression approach:

<b>Singapore</b>	French Polynesia
USA	Thailand
China	



Countries using the replacement approach:

<b>Malaysia</b>	
<b>World Mosquito Programme</b>	
Australia	New Caledonia
Indonesia	Vanuatu
Vietnam	Brazil
Sri Lanka	Colombia
Fiji	Mexico
Kiribati	