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# THE SOUTH EAST ASIAN ROADMAP FOR FMD FREEDOM – SEAFMD 2020

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OIE/FAO Global FMD Conference  
24-26 June, 2009, Asuncion, Paraguay



# APPROACHES

- What is the ROADMAP?
- Background and concepts
- Strategic directions
- Tools and progressive zoning
- Governance, monitoring and evaluation
- Success factors
- Concluding remarks

## WHAT IS THE ROADMAP?

- A strategic directions document to support FMD freedom with vaccination by 2020 in SE Asia
- Also supports strengthening of veterinary services
- With principles/approaches directly applicable to other TBDs – AI, CSF etc

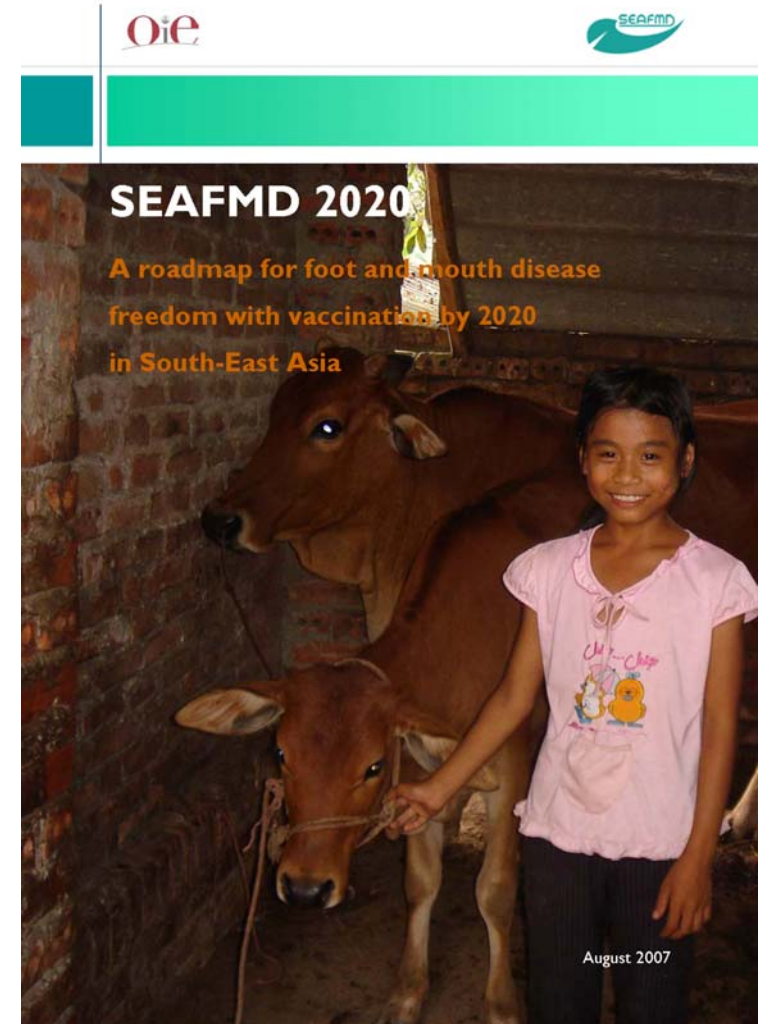
# Roadmap 2020

## GOAL

- To provide the SEAFMD Campaign a long term strategic framework to achieve FMD freedom with vaccination by year 2020
- Maintain the OIE recognised free zones without vaccination in Indonesia, Philippines, Malaysia and other areas by 2020

## Objective

- employ a series of integrated and harmonised approaches to FMD control



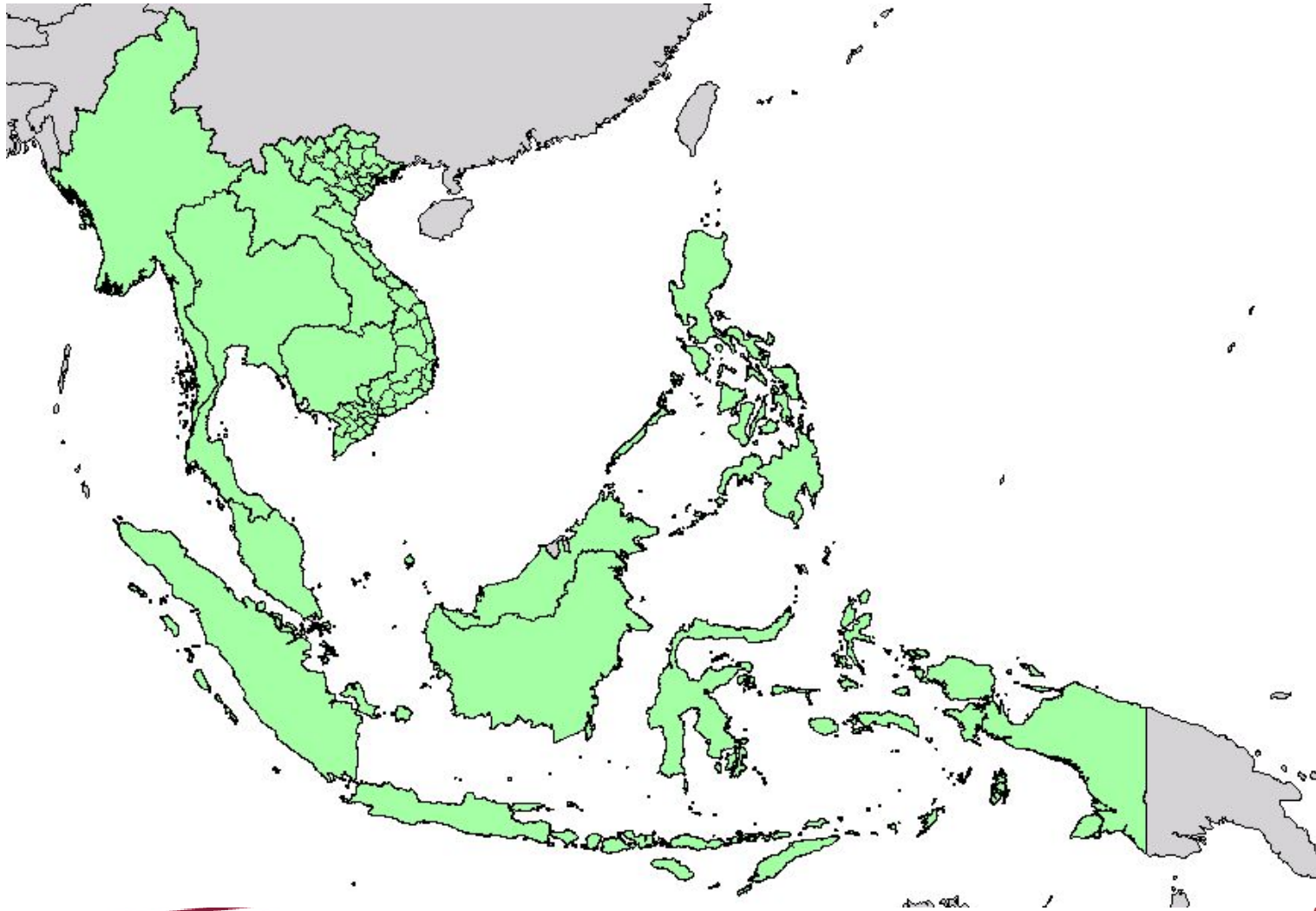
# OIE SEAFMD Campaign



# BACKGROUND/CONCEPTS (1)

- Geography, climate, culture, religion, language, economies
- Socio economic circumstances, impacts of diseases, loss of developmental opportunities
- Regional coordination/national implementation
- Extraordinarily ambitious!!!

# BACKGROUND AND CONCEPTS (2)



## BACKGROUND AND CONCEPTS (3)

- SEAFMD commencement – 1994/1997
- Phase 1 1997 – 2001
  - Funding/support – AusAID, Thai Government/Swiss Aid
  - Establish Regional Coordination Unit
  - Country linkages/high level engagement
  - Technical training



# BACKGROUND AND CONCEPTS (4)

- Phase 2 2001 – 2005
  - Funding/support/leverage
  - Political engagement
  - Technical training expanded
  - Progressive zoning/surveillance
  - Expansion of networks: communications, PR, industry

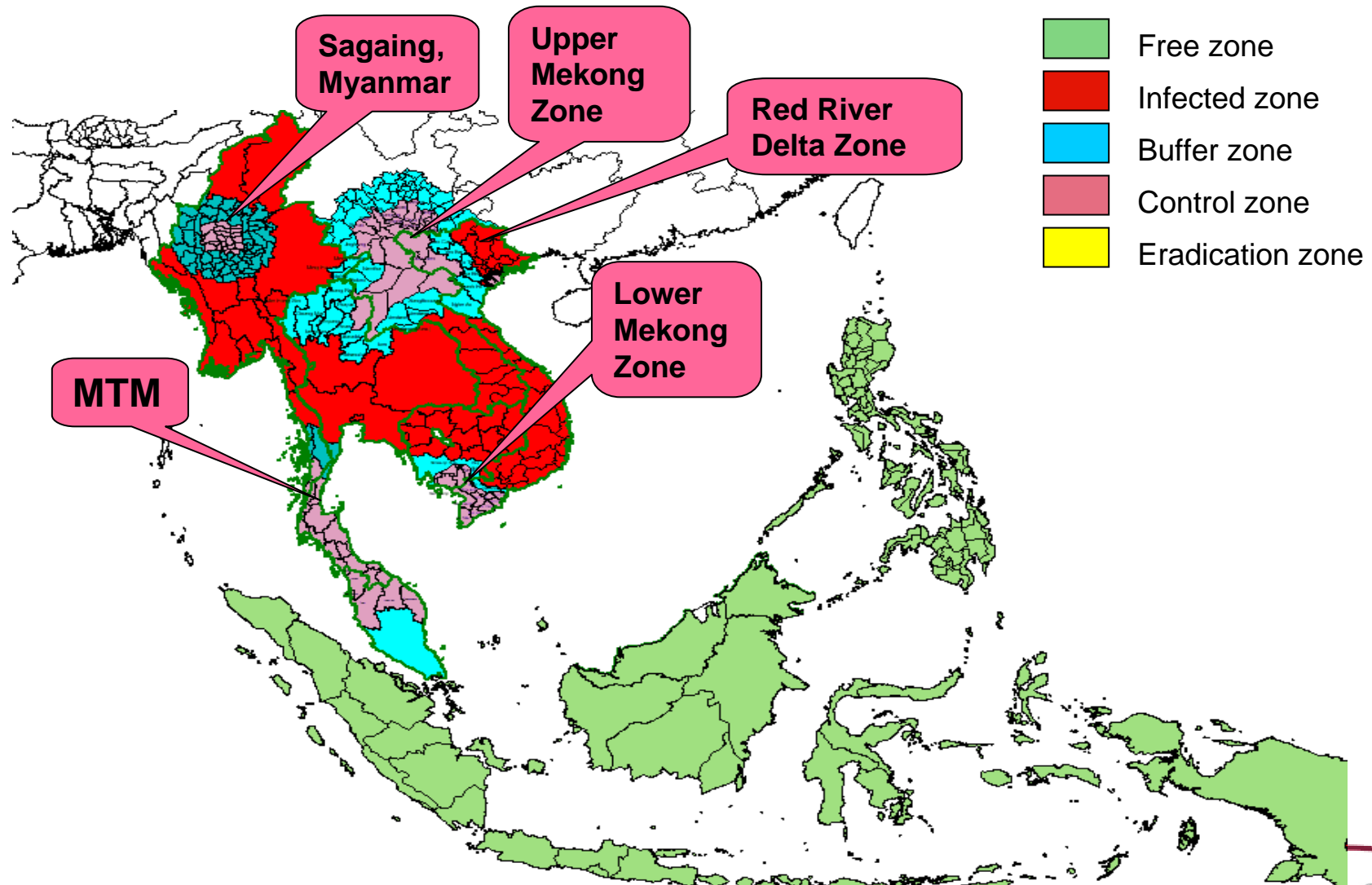
# BACKGROUND AND CONCEPTS (5)



# BACKGROUND AND CONCEPTS (6)

- **Phase 3 (2006 – 2011)**
  - Funding/improved partnership drive
  - Refine zones - epidemiological and laboratory analyses
  - Socio economic developments including gender issues
  - Monitoring and evaluation
  - China
- **Phase 4 (2011 – 2015) and Phase 5 (2015 – 2020)**

# BACKGROUND AND CONCEPTS (6)



# STRATEGIC DIRECTIONS (1)

- High level political policy support and endorsement
- Core funding
- Step by step approach
- Strengthened veterinary services
- International coordination, national support and leverage

# INTERNATIONAL COORDINATION AND LEVERAGE

- **FAO Case Example**
  - FAO/Upper Mekong activities; economic studies; manage AusAID project in Philippines
- **Other – ASEAN, France, NZ, Australian Biosecurity CRC, ACIAR, EC**
- **National**
- **Leverage – 4/1**

# STRATEGIC DIRECTIONS (2)

- Re enforcement of animal control measures
  - Animal movement
  - More refined approaches to surveillance, diagnostics and reporting
  - Strategic vaccination in control zones for up to 3 years to achieve acceptable immunity levels in buffalo and cattle
  - Maintenance of freedom
- Mobilisation of stakeholder and public support
- Cultural change

# ROADMAP TOOLS AND PROGRESSIVE ZONING (1)

- Risk analyses
- Surveillance/epidemiology network
- Diagnosis and laboratory network
- Vaccination
- Animal movement management



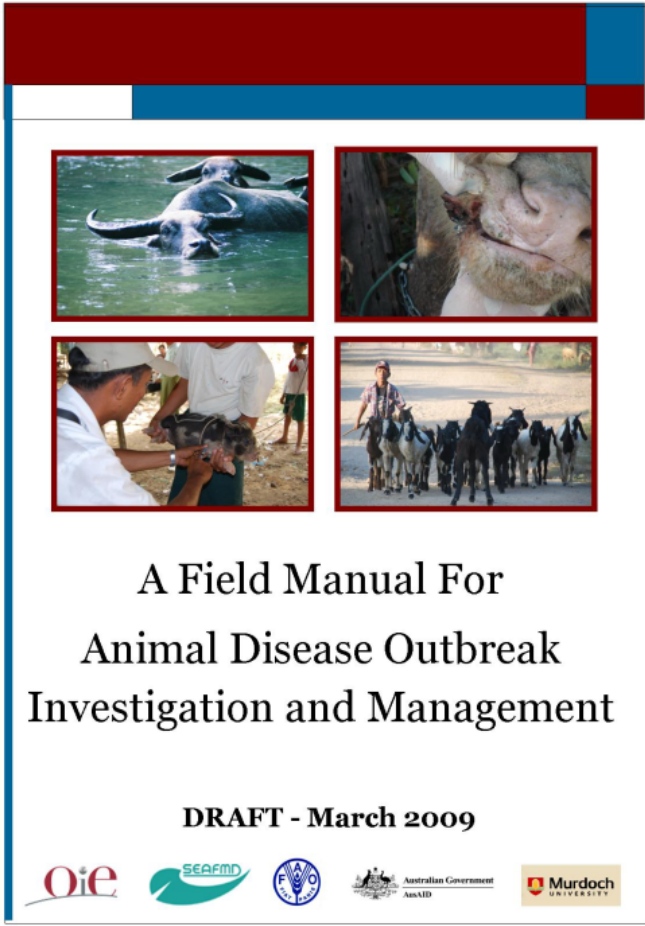
# ROADMAP TOOLS AND PROGRESSIVE ZONING (2)

- Emergency preparedness and contingency planning
- Legislation
- Public awareness and communications
- Standards, definitions and rules
- Training

# ROADMAP TOOLS AND PROGRESSIVE ZONING (3)



# ROADMAP TOOLS AND PROGRESSIVE ZONING (3)



The cover features a red and blue header bar. Below it are four small images: a water buffalo in a pond, a close-up of a water buffalo's face, a person examining a water buffalo, and a herd of water buffaloes. The title is centered in a serif font. At the bottom, logos for OIE, SEAFMD, WHO, Australian Government ANAID, and Murdoch University are displayed.

**A Field Manual For  
Animal Disease Outbreak  
Investigation and Management**

**DRAFT - March 2009**

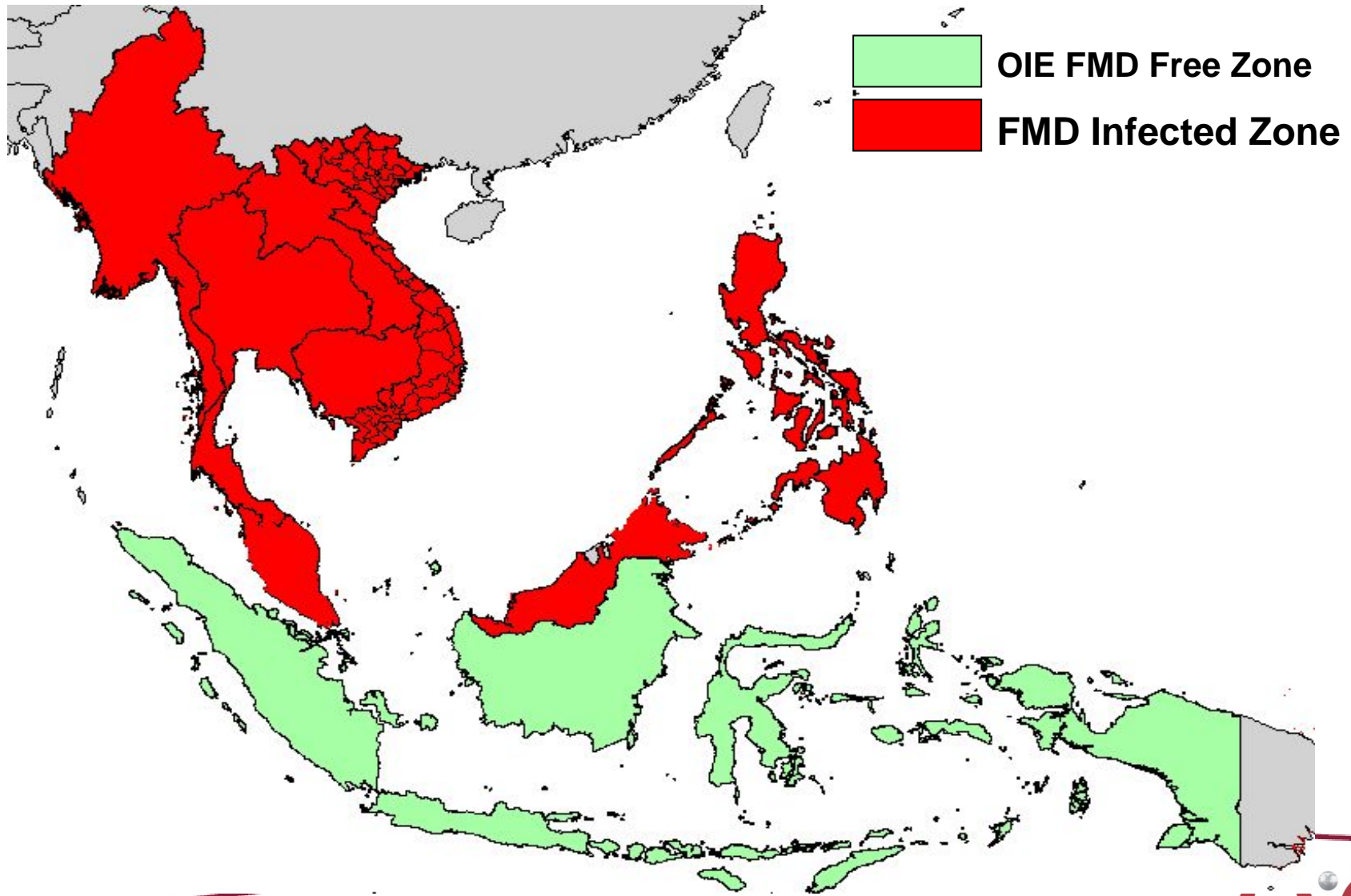
**Oie** **SEAFMD** **WHO** **Australian Government ANAID** **Murdoch UNIVERSITY**



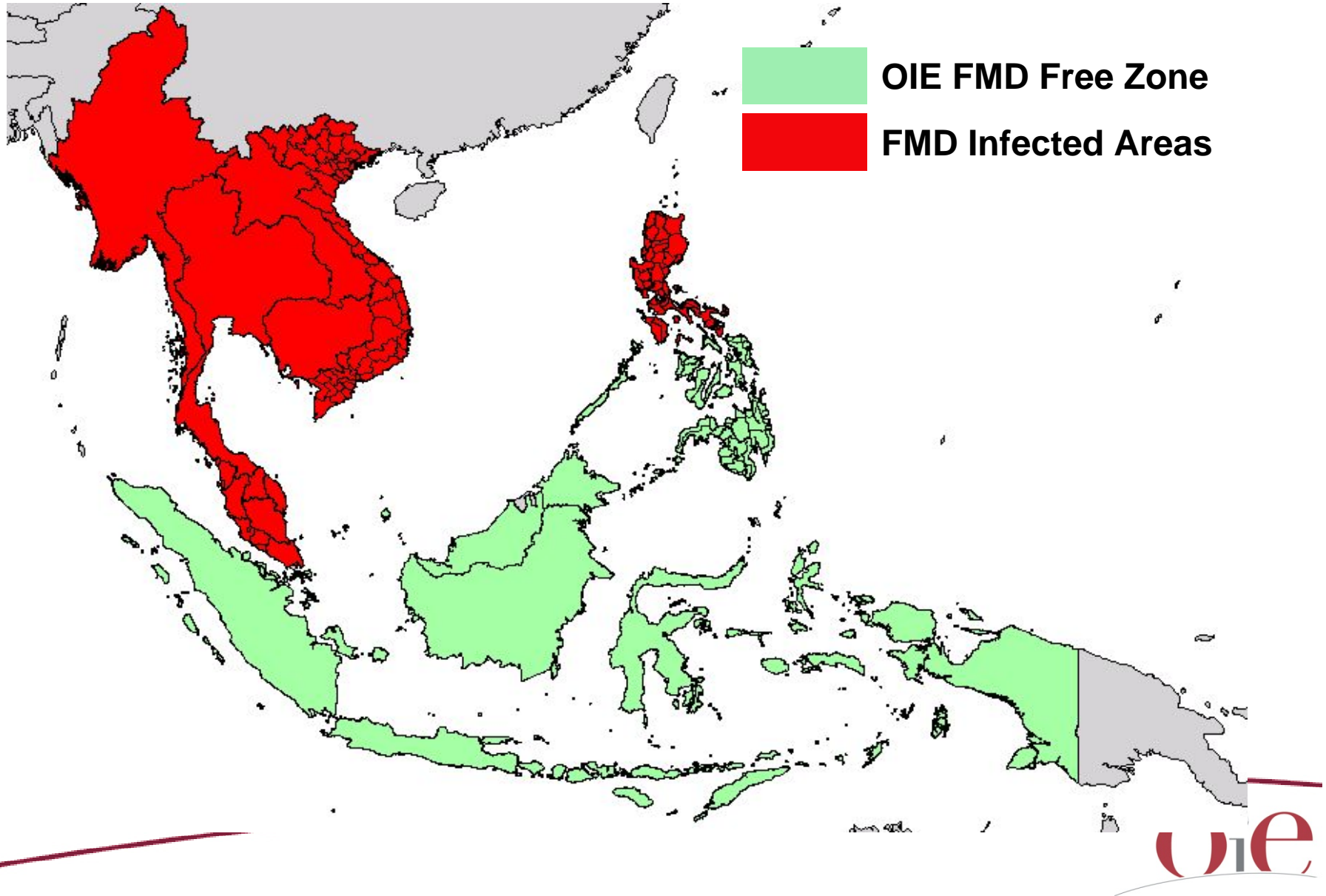
# ROADMAP TOOLS AND PROGRESSIVE ZONING (3)



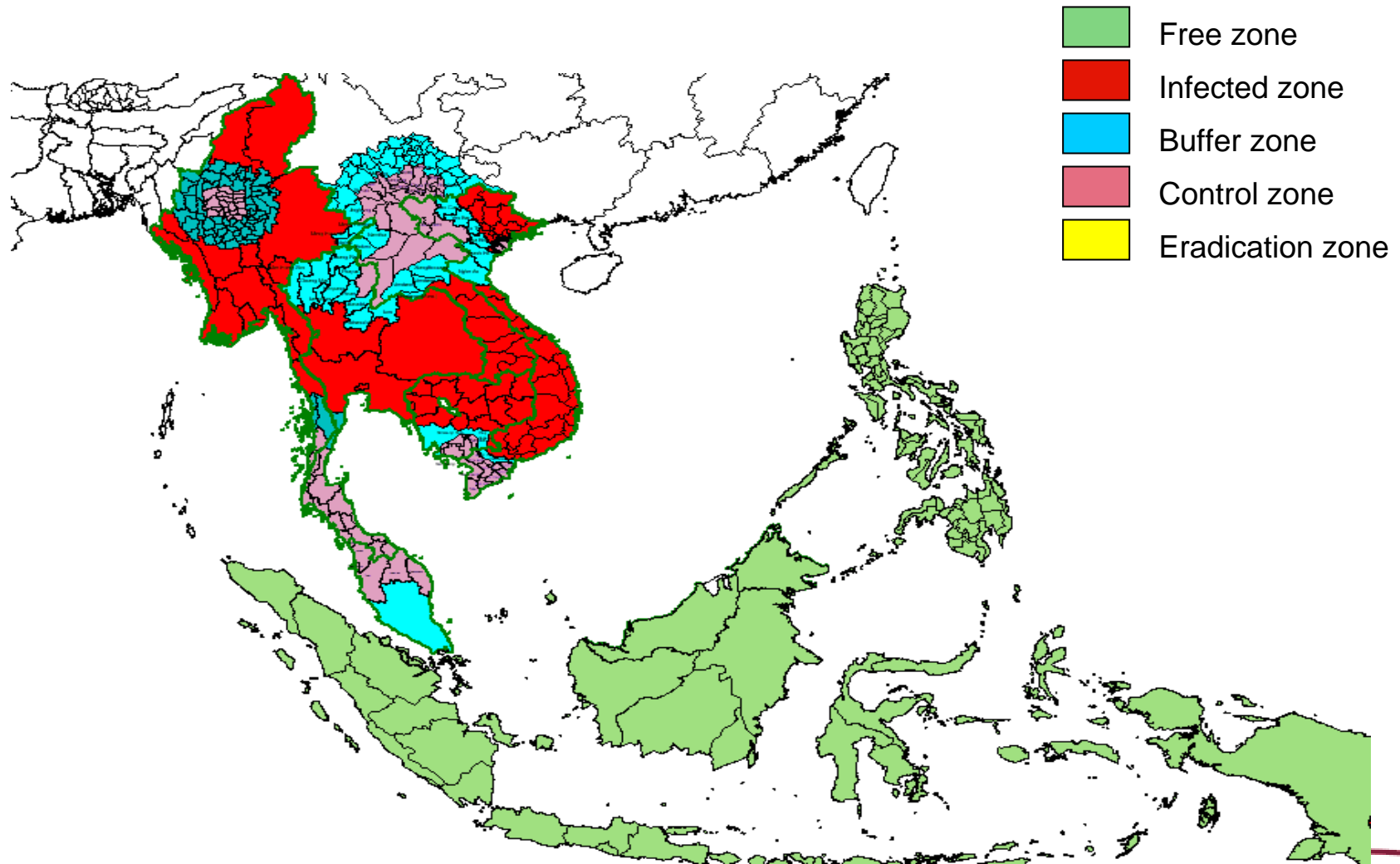
# SEAFMD 1997



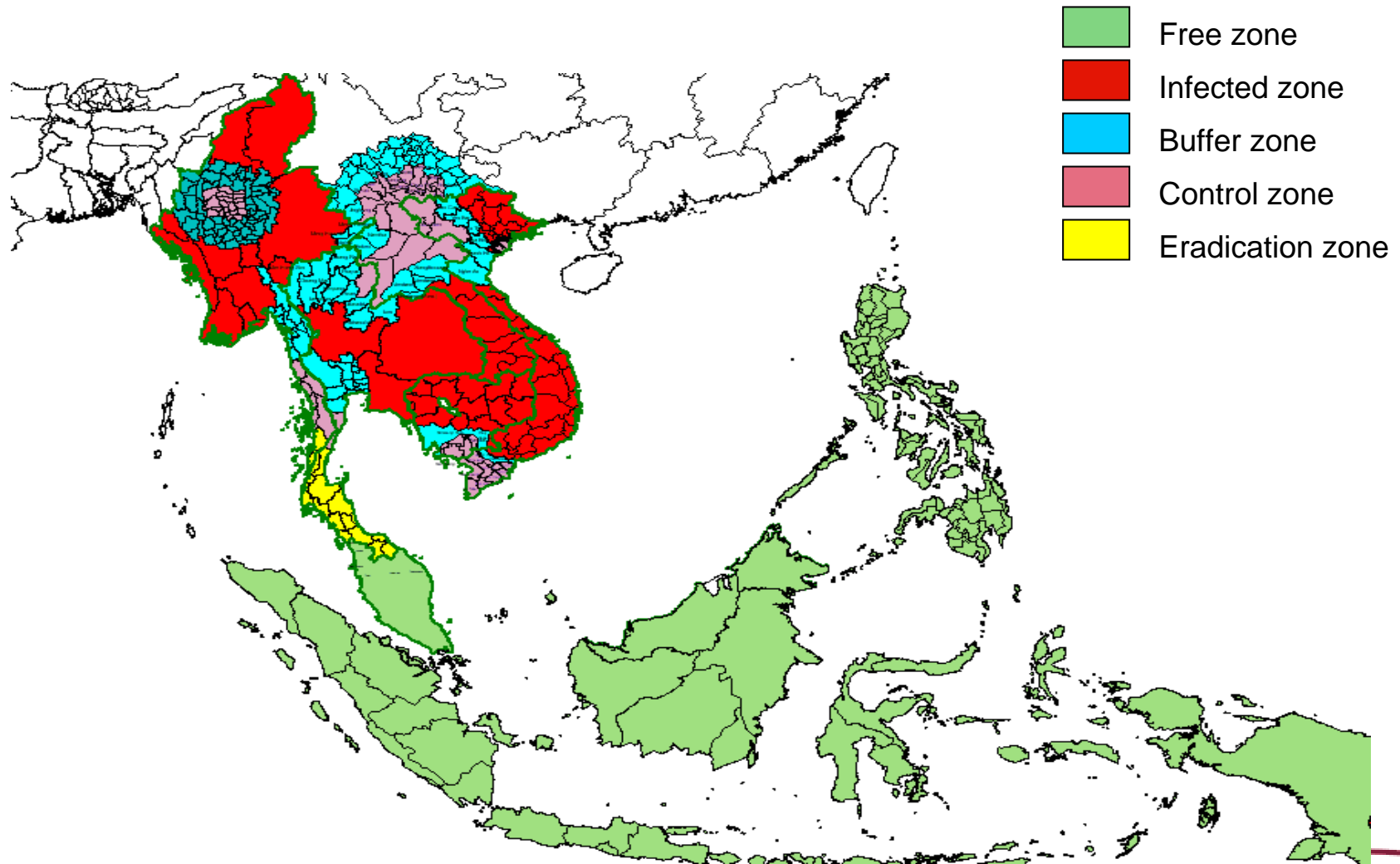
# SEAFMD 2004








# SEAFMD 2008



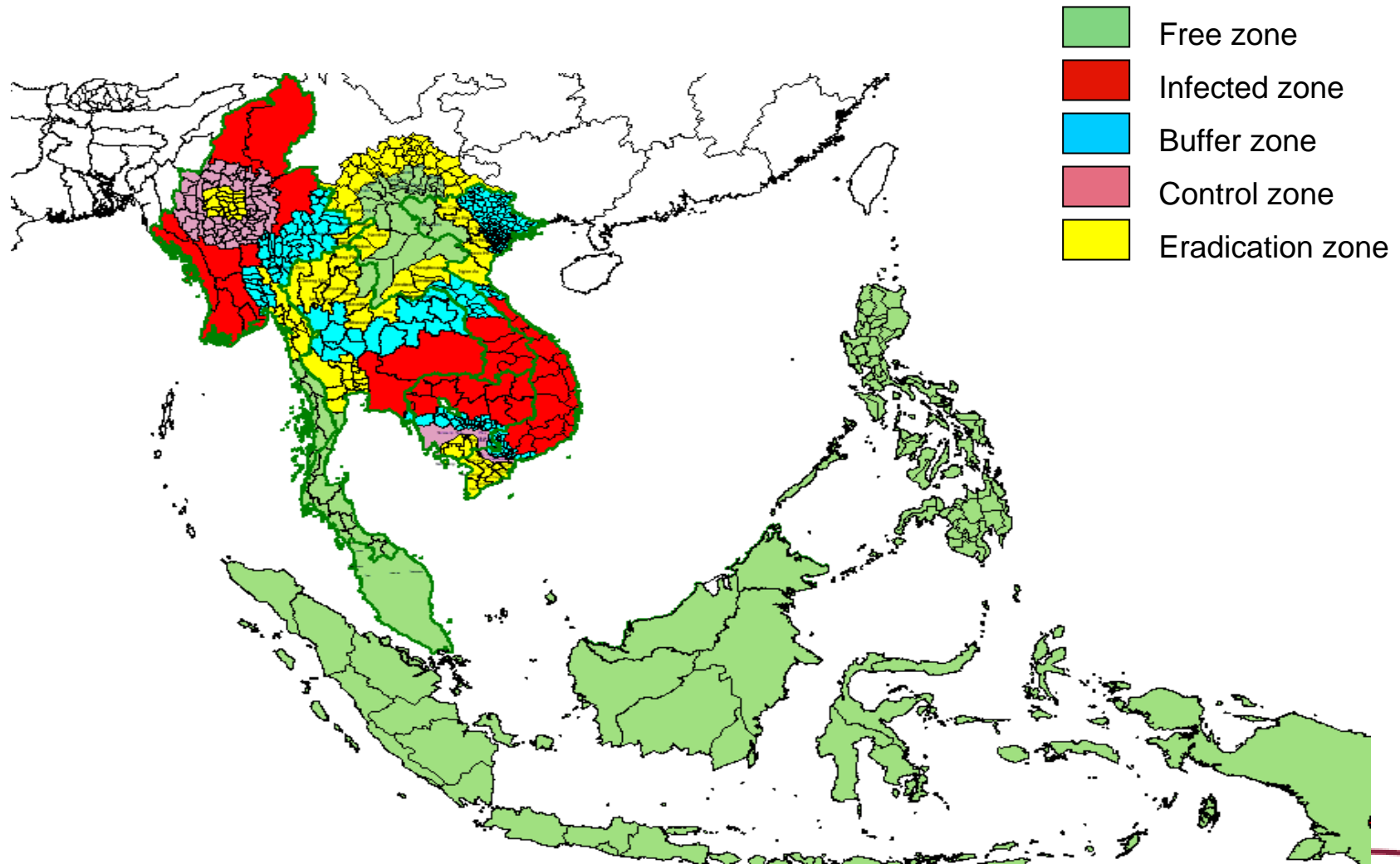
# SEAFMD 2012



-  Free zone
-  Infected zone
-  Buffer zone
-  Control zone
-  Eradication zone

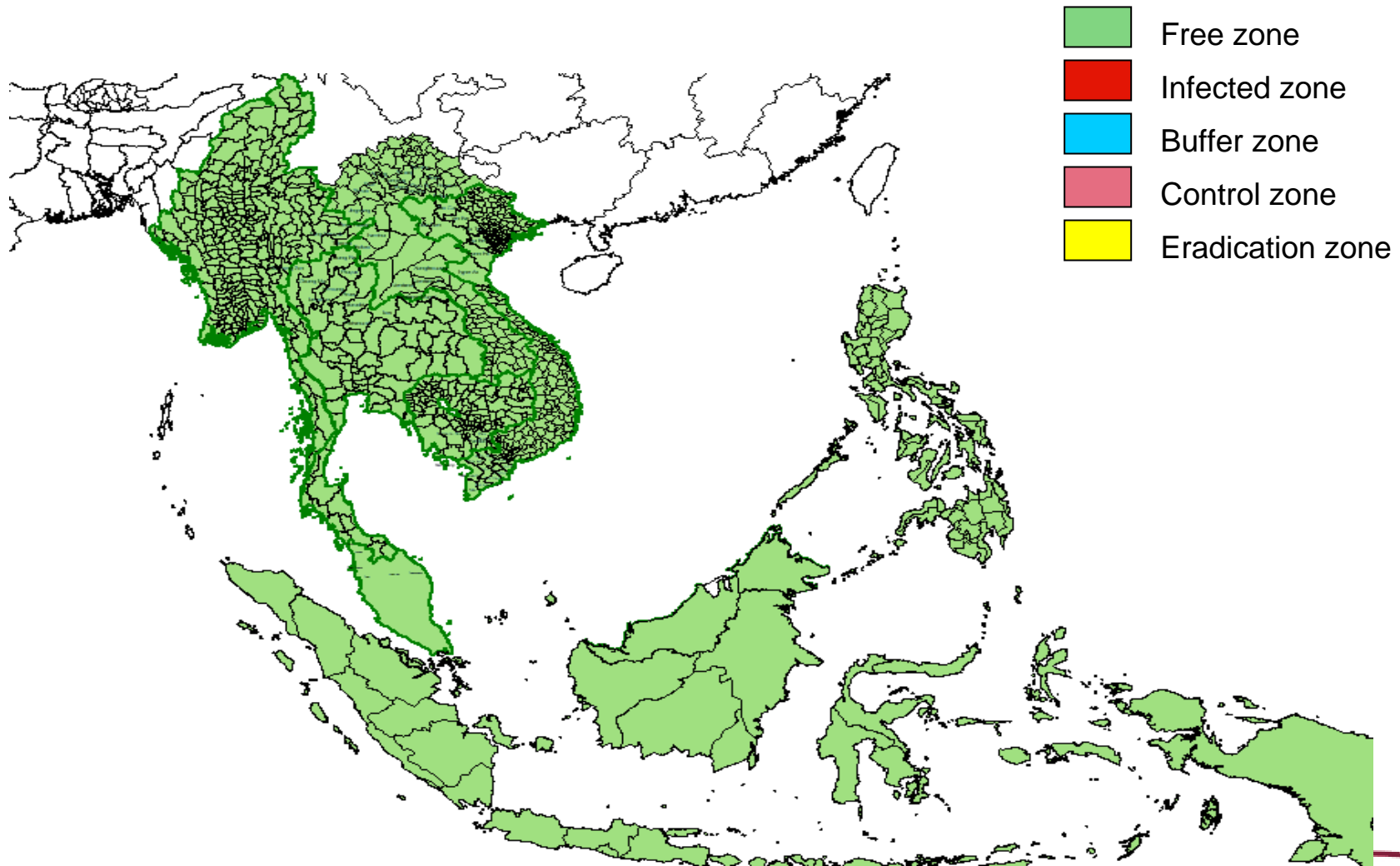


# SEAFMD 2016

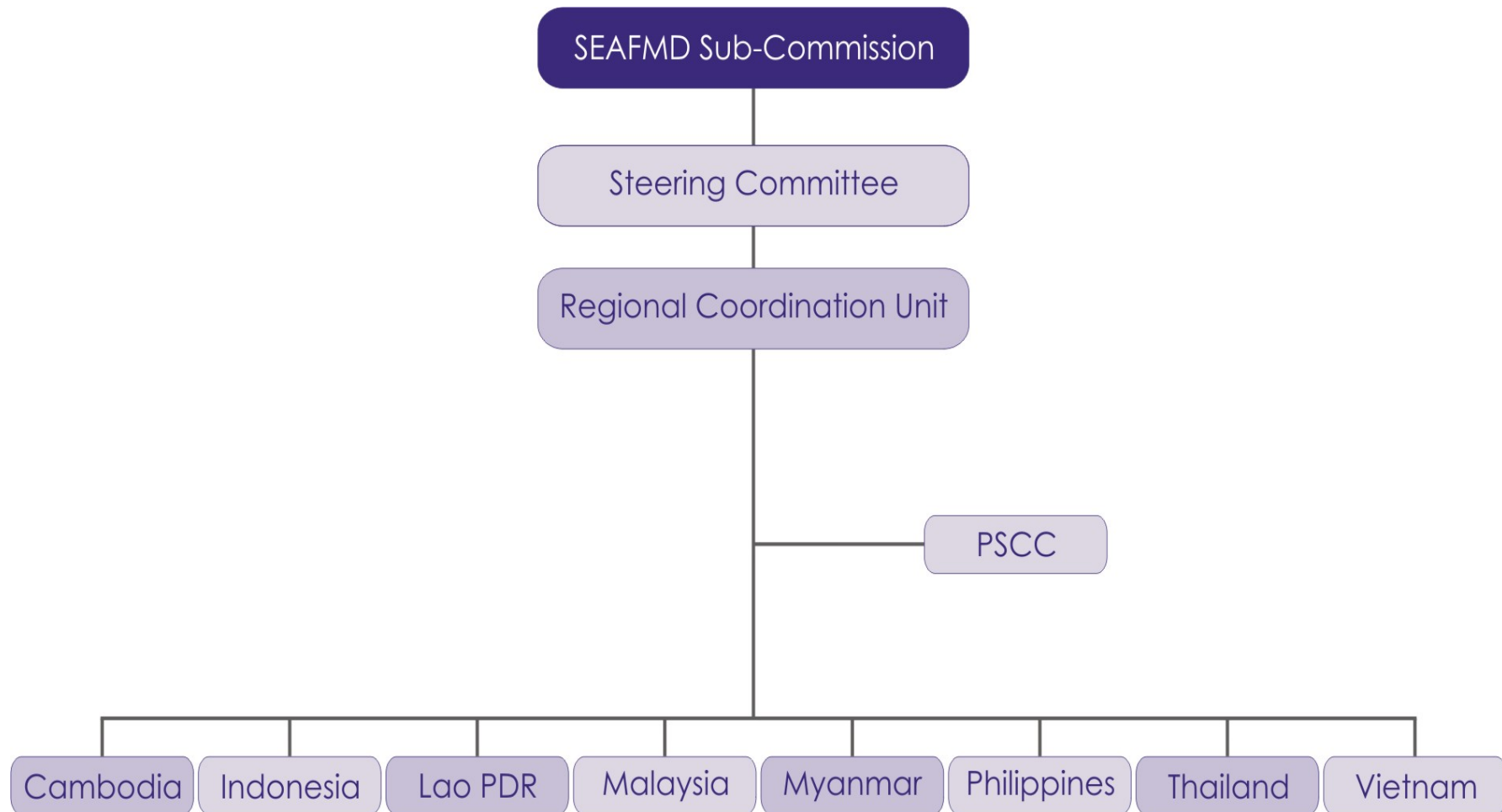


- Free zone
- Infected zone
- Buffer zone
- Control zone
- Eradication zone

# SEAFMD 2020



# GOVERNANCE, MONITORING AND EVALUATION (1)



# GOVERNANCE, MONITORING AND EVALUATION (2)

- **Monitoring and Evaluation**
  - **Activities (60) based to outcomes based (10)**
  - **Simplified system, practical but rigorous**
  - **Can apply to other sub Regional Representation activities**

# ACHIEVEMENTS

- Mature, well recognised and supported system
- Technical/scientific networks in place with effective collaborative arrangements – Pakchong OIE FMD Approved Reference Laboratory
- Extensive training e.g. 800 trained in outbreak investigation
- Collaborative activities e.g. PhD students; market chain systems
- Maintenance of FMD Freedom in Indonesia and zones e.g. Philippines, non peninsular Malaysia

# SUCCESS FACTORS

- Political support – national/international level
- Finance and resource support
- Leadership, planning, engagement, pragmatism, proportionality
- Strong governance
- Effective veterinary services
- Cultural change

# CONCLUDING REMARKS

- Technical solutions are available – issues are primarily institutional
- Learn from each other – recognise skills and knowledge don't reside in any one area
- Customise approaches within a general guiding principles framework
- Leverage activities directly and indirectly
- Maintain the momentum

# Recommendations

- Recognise the critical importance of institutional arrangements such as effective government services, stakeholder involvement, governance and resource allocations in preventing, managing and eradicating FMD
- Agree to ongoing communications and meetings to reinforce the lessons that can be learned from national, regional and subregional programs so that program approaches can be improved.
- Recognise and utilise the expertise the knowledge and expertise that resides in countries of the world and recognise that although the general principles of diseases management are well under they can be customised to suit the particular needs of a country, region or sub region
- Emphasise the importance and value of introducing simple but effective monitoring and evaluation systems to assess progress and modify program activities in the light of findings.
- Support ongoing reviews of the OIE Codes requirements on FMD to take into account new developments and needs, for example transition from vaccinated to non vaccinated free status.



Thank you for your attention



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