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Bappenas***

# **Indonesia National Action Plan on Climate Change Adaptation (RAN-API)**

**Tri Dewi Virgiyanti**

**Deputy Director for Environmental Pollution and Degradation Control  
Ministry of National Development Planning/National Development  
Planning Agency (BAPPENAS)**

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# Outline

- I. INTRODUCTION**
- II. NATIONAL ACTION PLAN on CLIMATE CHANGE ADAPTATION**
- III. MONITORING AND EVALUATION FRAMEWORK**

# **I. INTRODUCTION**



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# INDONESIA



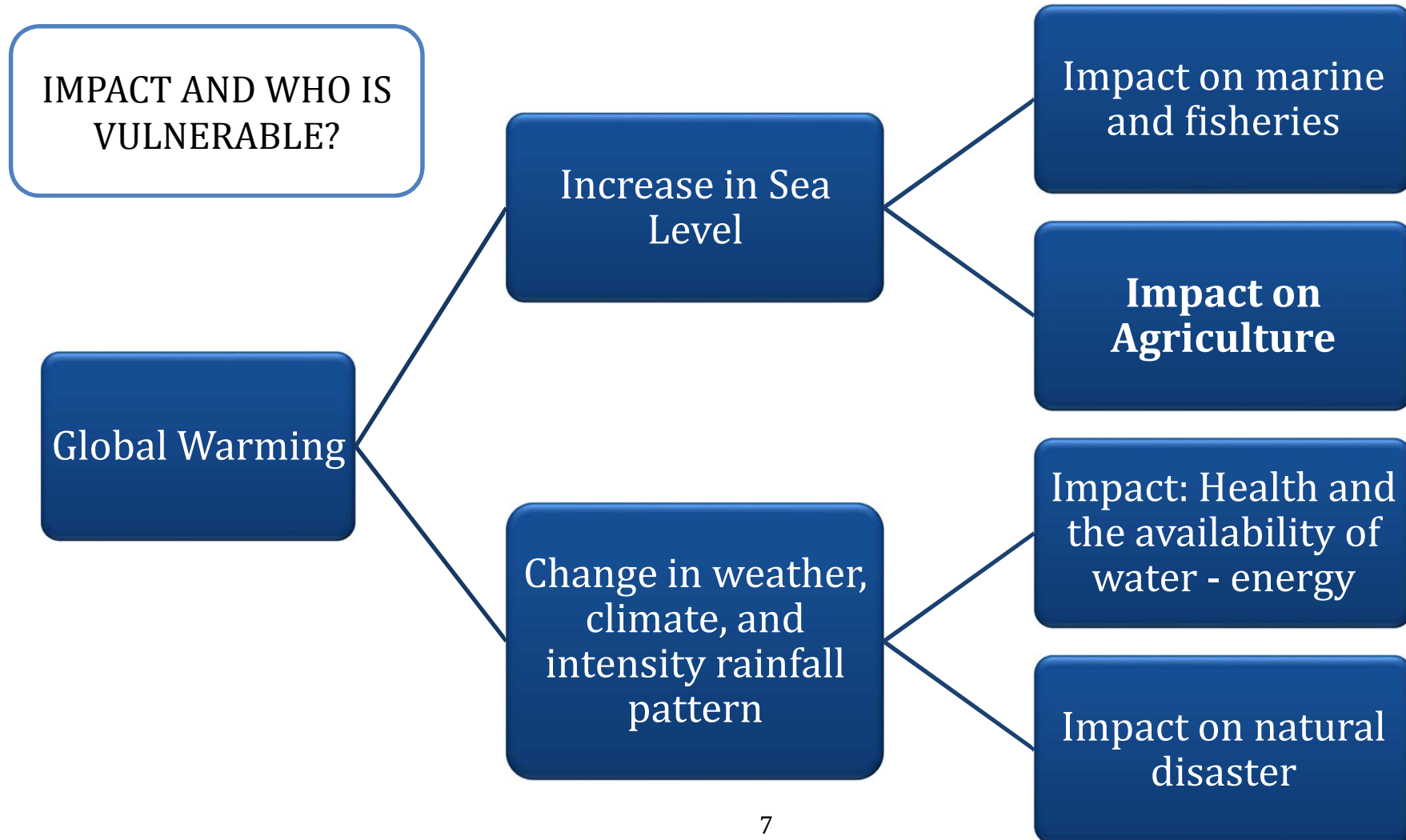
- Archipelagic and Tropical Country
- More than 14 thousands island
- More than 90 km coast line (4<sup>th</sup> in the world)
- Highly dependant on Natural Resources for its Economy

# Climate Change in Indonesia

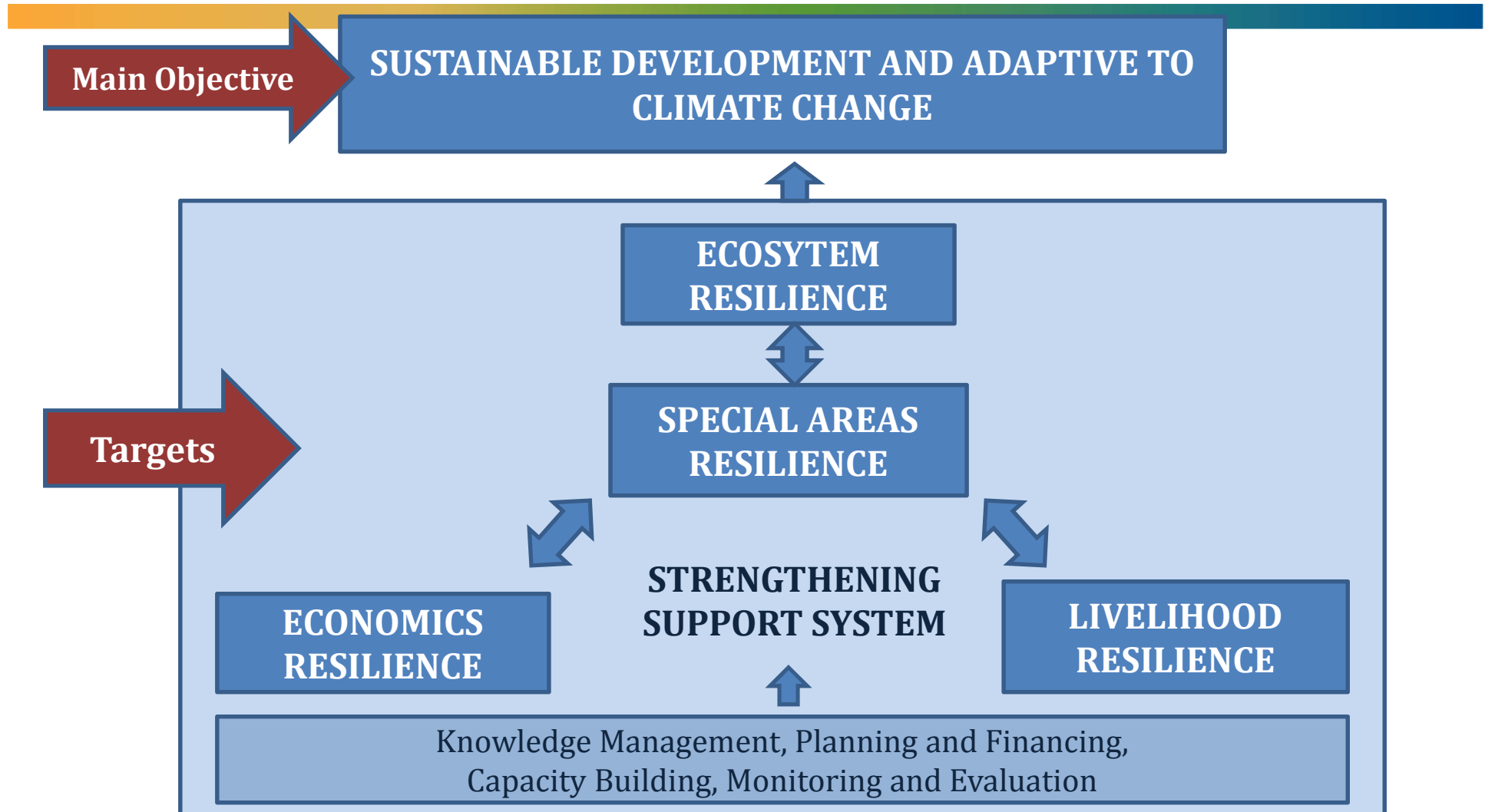
1. Indonesia is vulnerable to the global warming and climate change → sea level rise, change in precipitation patterns, decrease in agriculture production, increase in some vector borne disease incidents
  
2. However, Indonesia also can contribute a lot in tackling Climate Change issues :
  - a. Mitigation – emission reduction → Forestry
  - b. Adaptation – a need to adjust with climate change

## **II. NATIONAL ACTION PLAN ON CLIMATE CHANGE ADAPTATION**

# CLIMATE CHANGE IMPACTS

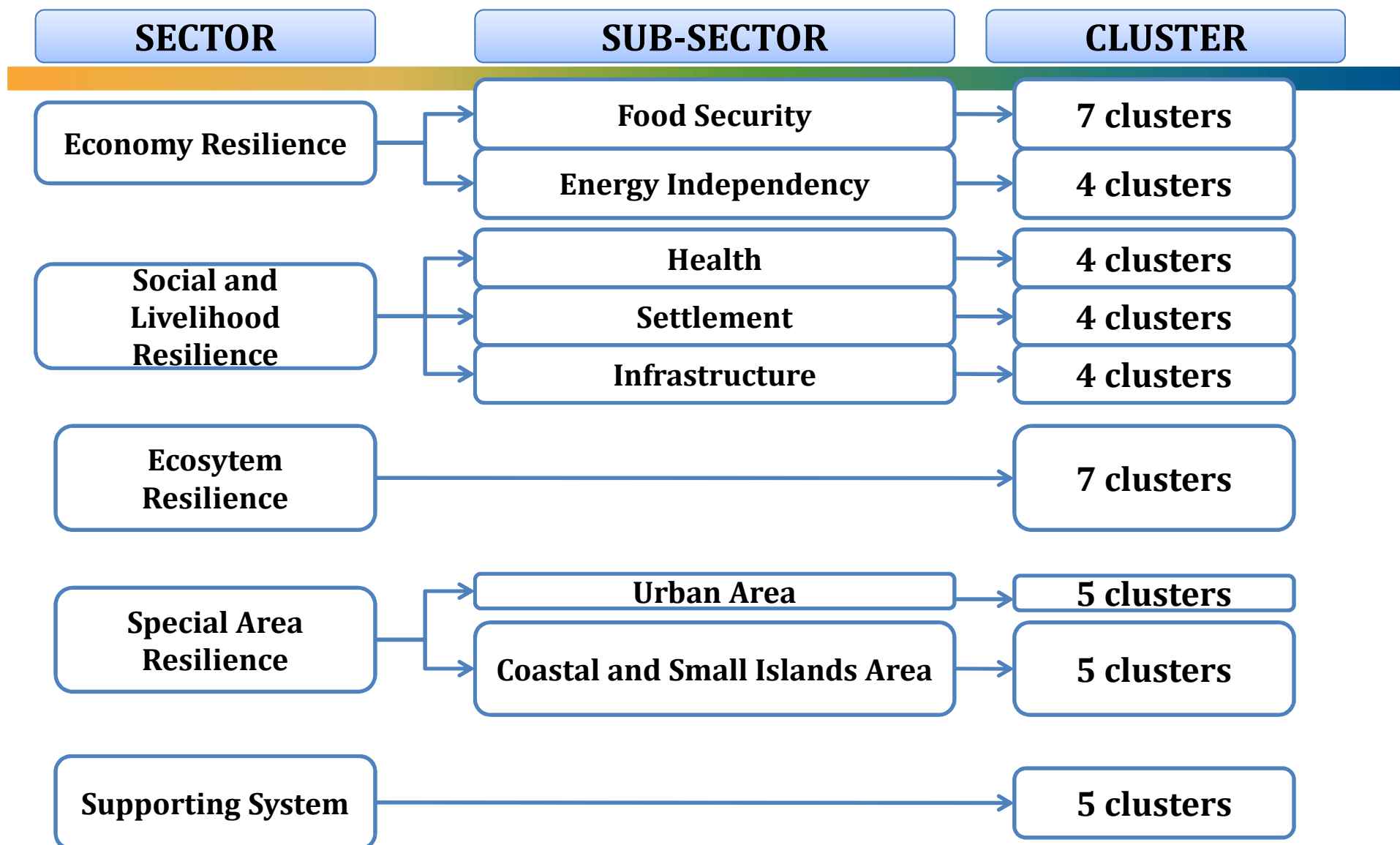


# RAN-API TARGETS FRAMEWORK





# ADAPTATION ACTION PLAN - RAN-API



# Government Stakeholders

- Ministries of Agriculture, Marine and Fisheries, Forestry, Public Works, Energy and Mineral Resources, Environment, Health, Settlement, Transportation, Women Empowerment and Child Protection, Research and Technology, Geospatial Agency, Meteorology and Climatology Agency, Disaster Management Agency, Research Institutes etc. → 20s central agencies
- 33 Provincial Governments (500s Districts and Municipalities)

# On progress

- Monitoring, Evaluation and Reporting of activities implementation (MER) for Adaptation (RAN-API)
- Consulting local government for follow up at local/regional level including monitoring and evaluation

# **III. MONITORING AND EVALUATION FRAMEWORK OF RAN-API**

# Monitoring dan Evaluasi RAN-API

## Monitoring and Evaluation

- RAN-API monitoring and evaluation process → to ensure the achievement of climate change adaptation targets
- Implementation monitoring process → conducted by local governments and related line ministries and periodically reported to the Minister of National Development Planning / Head of Bappenas

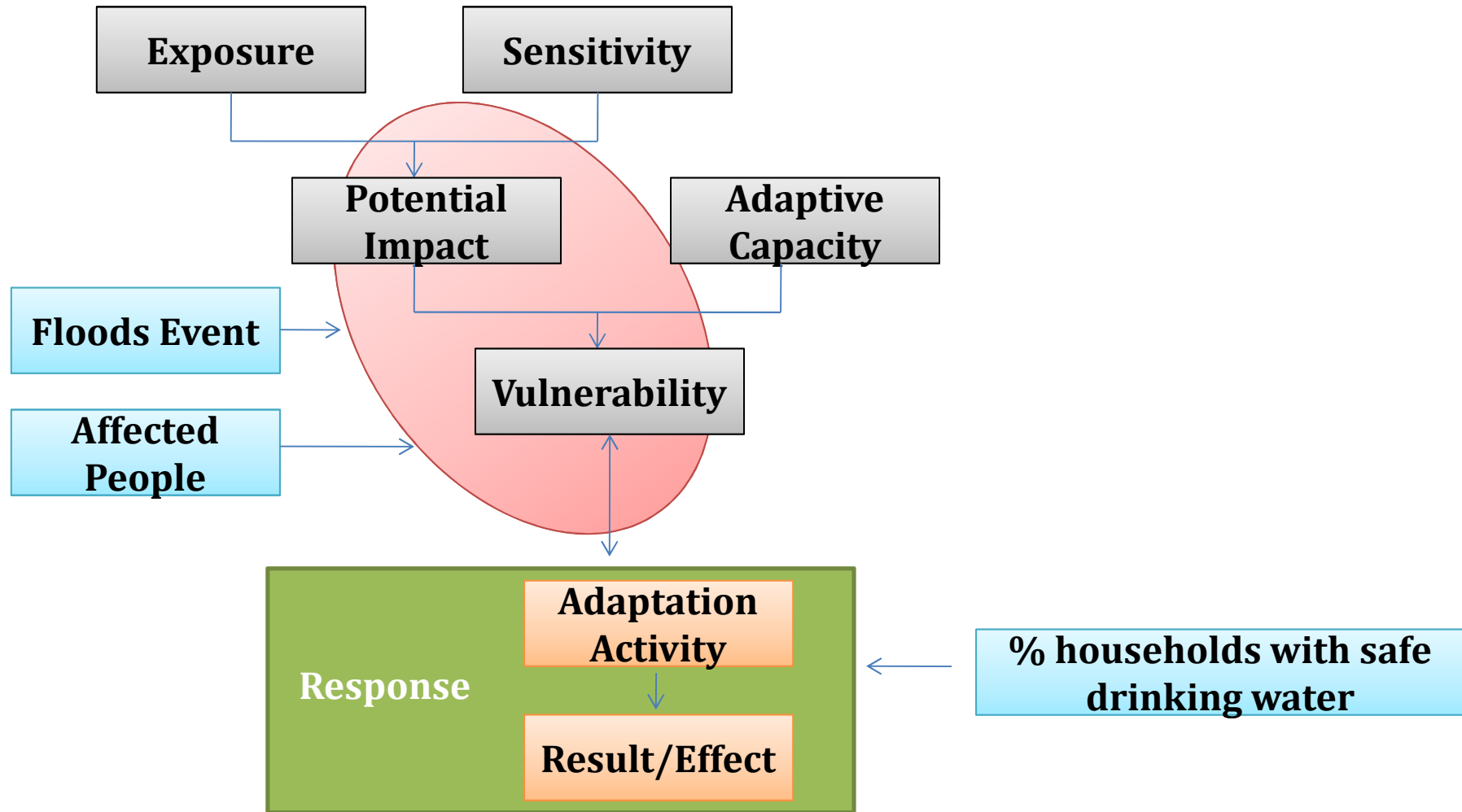
## RAN-API Review Mechanism

- RAN-API Document → possible to be updated based on the latest development from the result of monitoring and evaluation
- Ministry of Development Planning / Bappenas will conduct the evaluation and review process for RAN-API by coordinating with the line ministries and local governments

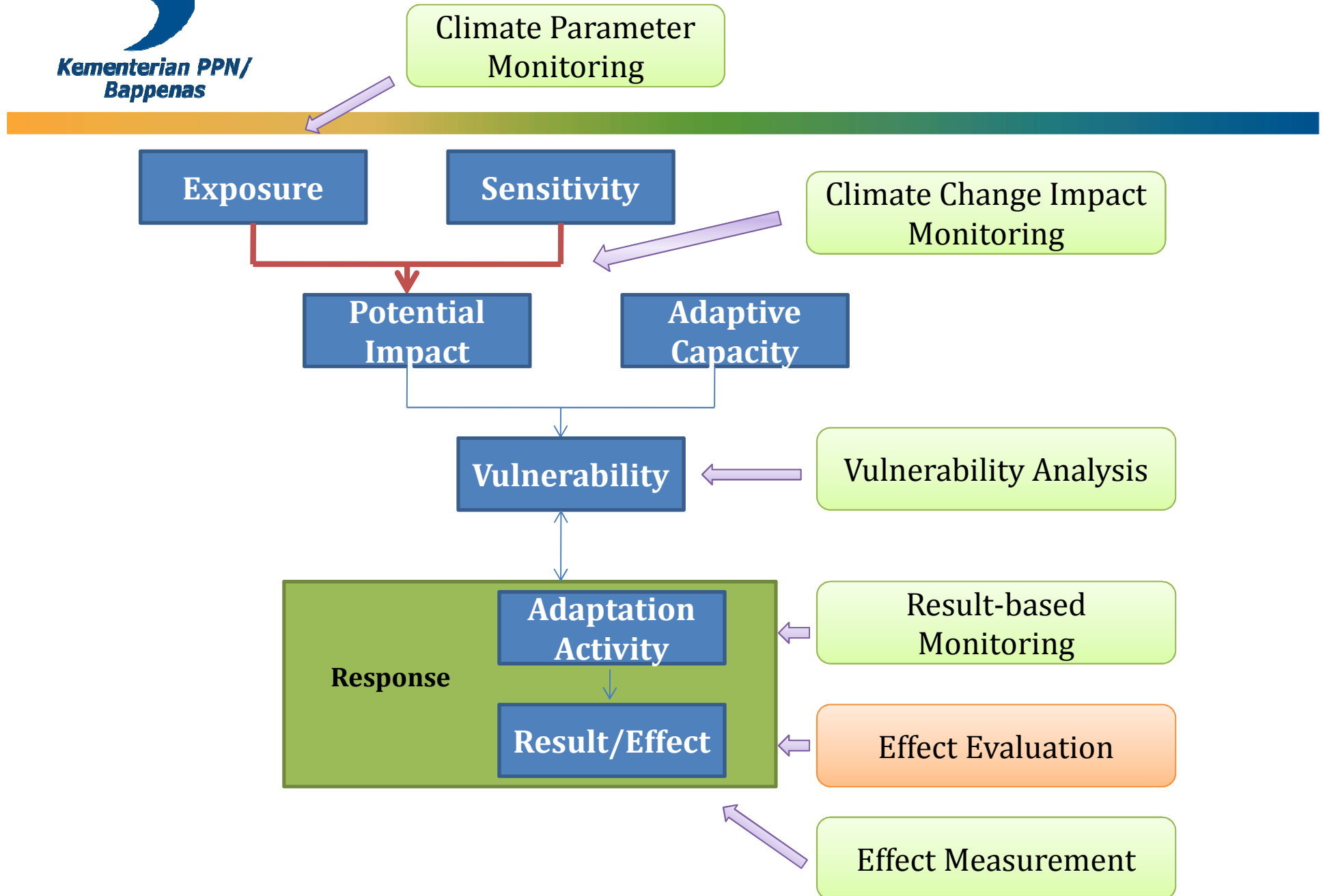
**→ It is important to develop the Monitoring and Evaluation Indicators (i.e. vulnerability indicator, resilience indicator, etc), besides the output indicators**

# Measurement

## Example: Floods

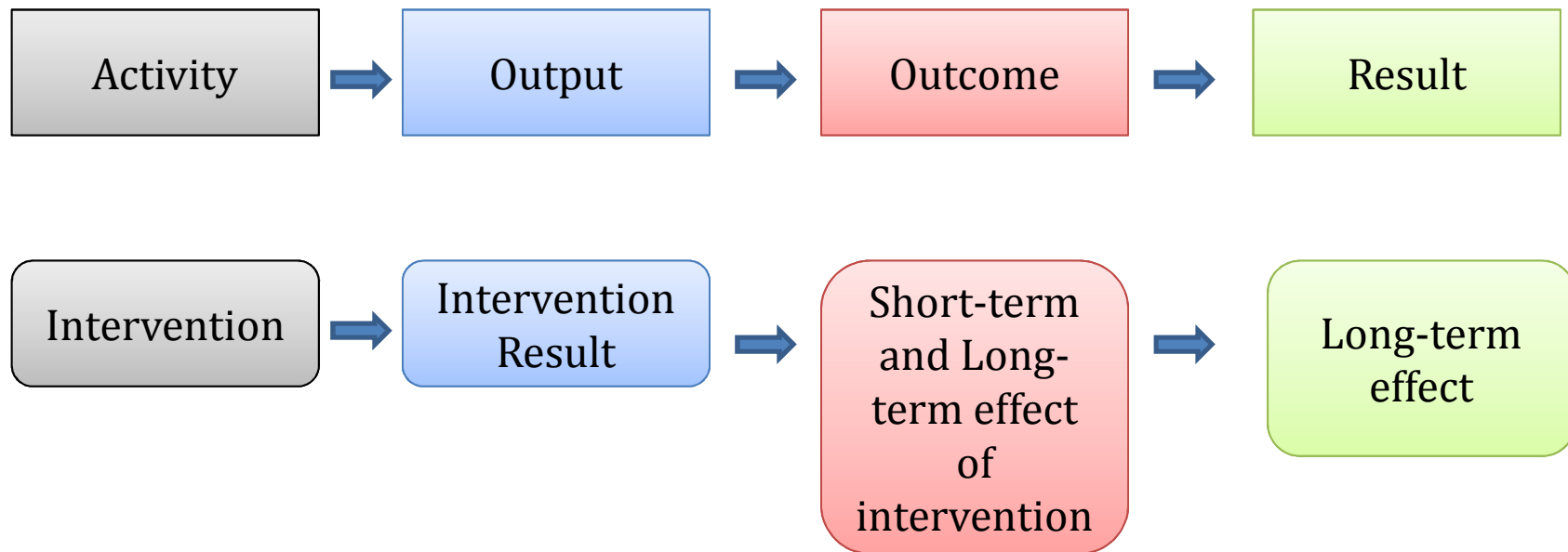


# M & E Method



# Indicator System Development

- Example of Theory on Change: Result flow





# M & E Result User

Stakeholders at National  
/ Regional Level

Coordination with related line ministries and  
policy makers, and other stakeholders at  
different levels (communities)

Program / Project  
Implementers

Line ministries, NGOs, institutions and  
environmentalist, organization who provides  
information and knowledges +communities

International  
Organizations

Financing, Donor Agencies

# M & E System Preparation

- Output level ME → carried out based on existing system
- Agreement on Mechanism and Indicators → based on availability of data
- Clarification on the methods to collect data, for example: factsheet indicator.
- Identification of time frame.
- Mobilization of resources for the M & E process.
- Responsibility in collecting, compiling analyzing data and documenting as well as socializing the result of M & E

# Recommendations

- Limiting the complexity of indicator system → do not need to assign too many indicators.
- To assign the key indicators that may reflect the overall system.
- Indicators will be developed through a participatory process involving all related stakeholders.
- To use indicators from the existing monitoring system, especially those being used for climate change monitoring.



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Thank You

