

# Climate Impacts, Adaptation and Vulnerability (IAV)

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OCEANS AND ATMOSPHERE  
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# Agenda

1. General framework on IAV assessment, and Guideline in the Portal

**Dr. Dewi Kirono**

2. Case study from Indonesia and Thailand

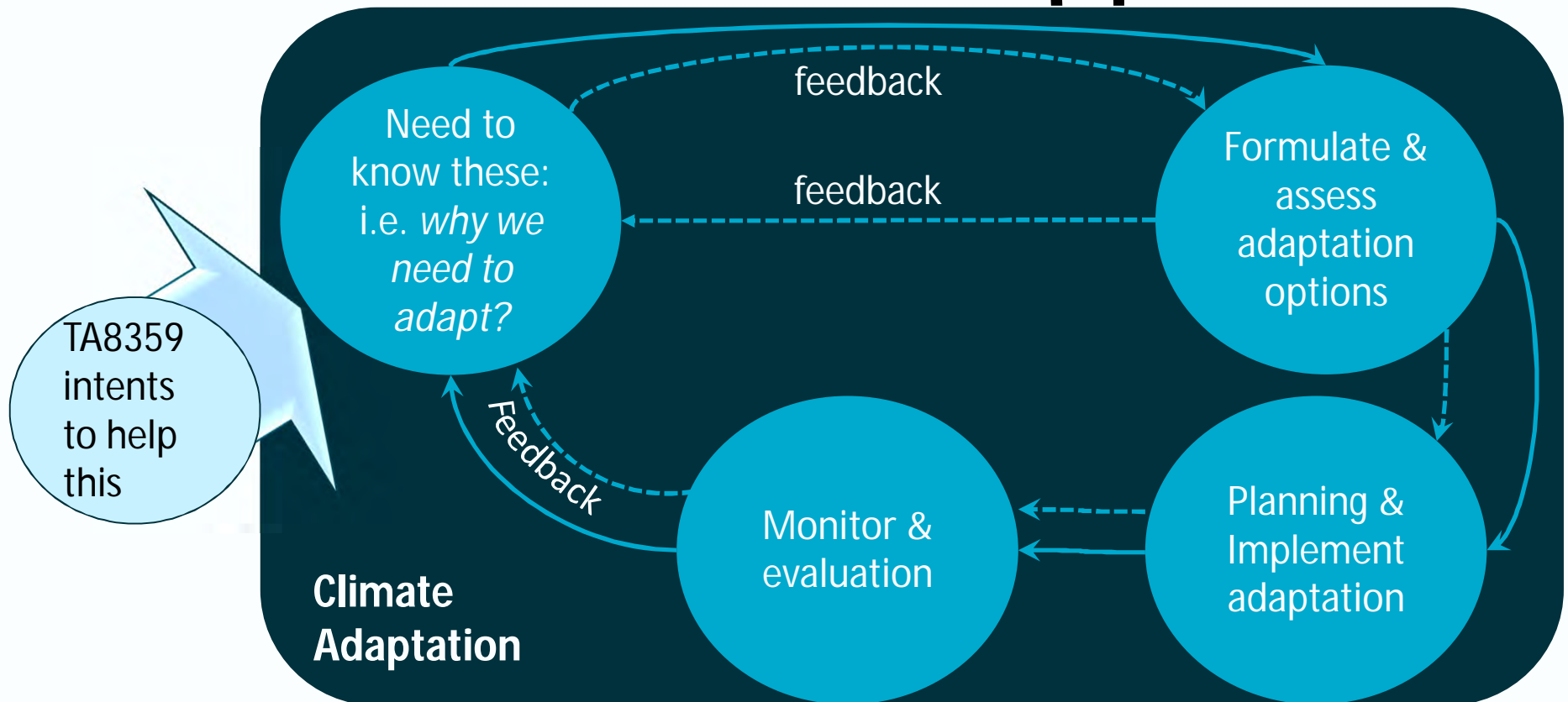
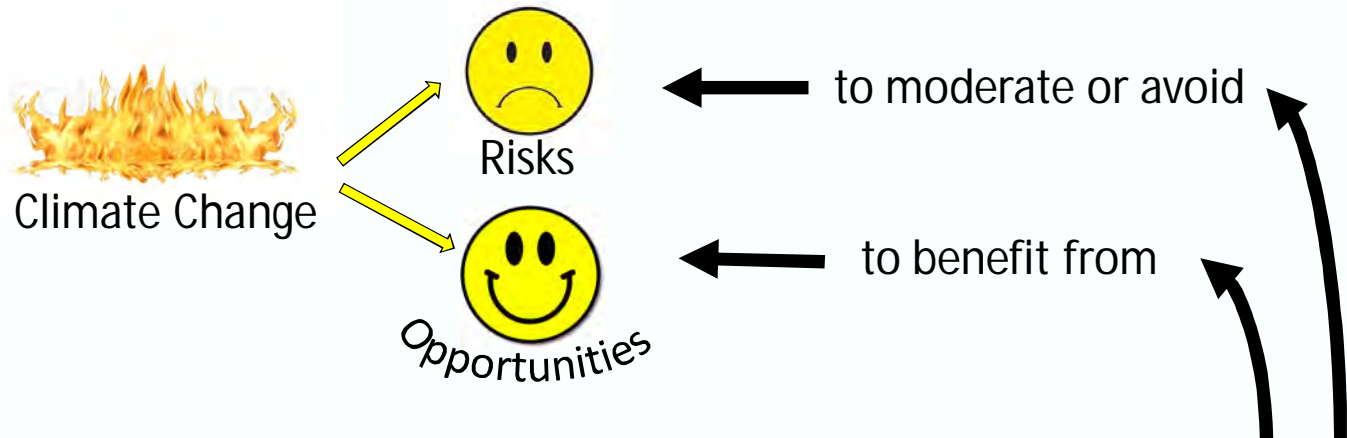
**Dr. Dewi Kirono & Dr. Jack Katzfey**

3. IAV Practices in the Philippines and Case Study

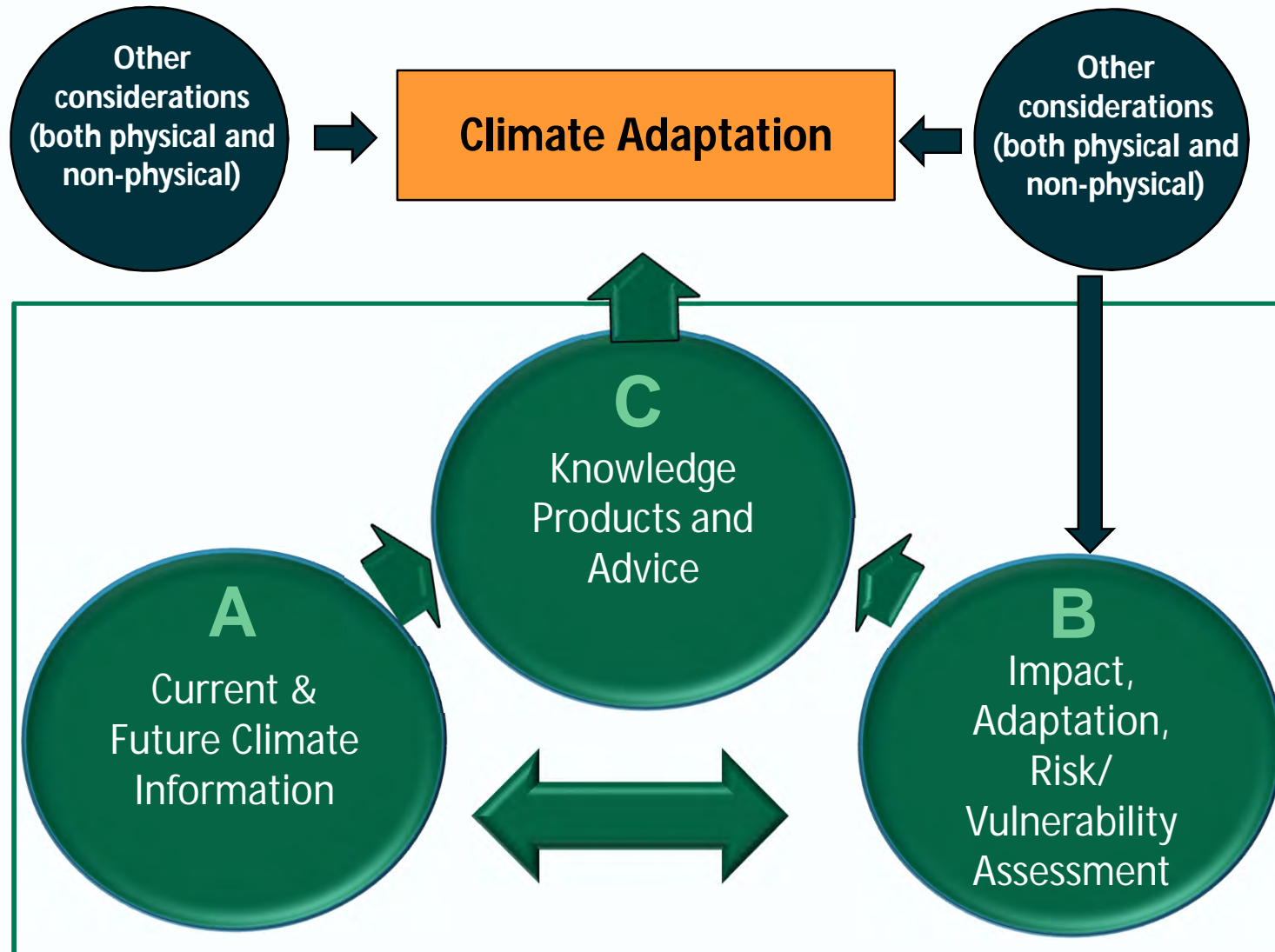
**Dr. Rosa Perez**

4. Discussion

# Climate Adaptation process - iterative



# How this project (TA8359) will support adaptation?



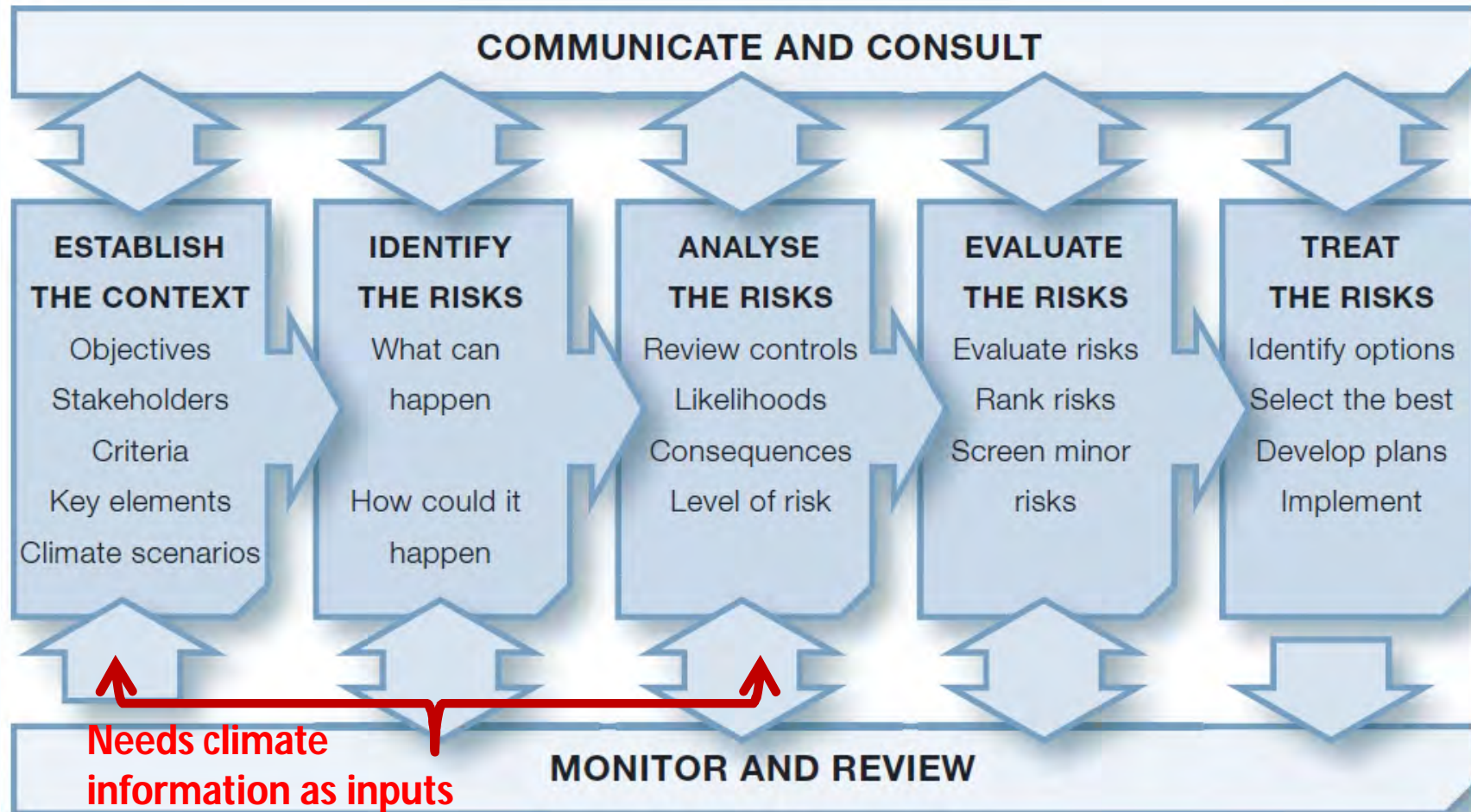
# General guidance on IAV assessment

# Guideline for IAV Assessment

## 1. Many frameworks available for broad guidance

- IPCC (2015)
- UNEP – PROVIA (2013)
- Risk management (2006)
- UNDP – APF (2004)
- And so on ...

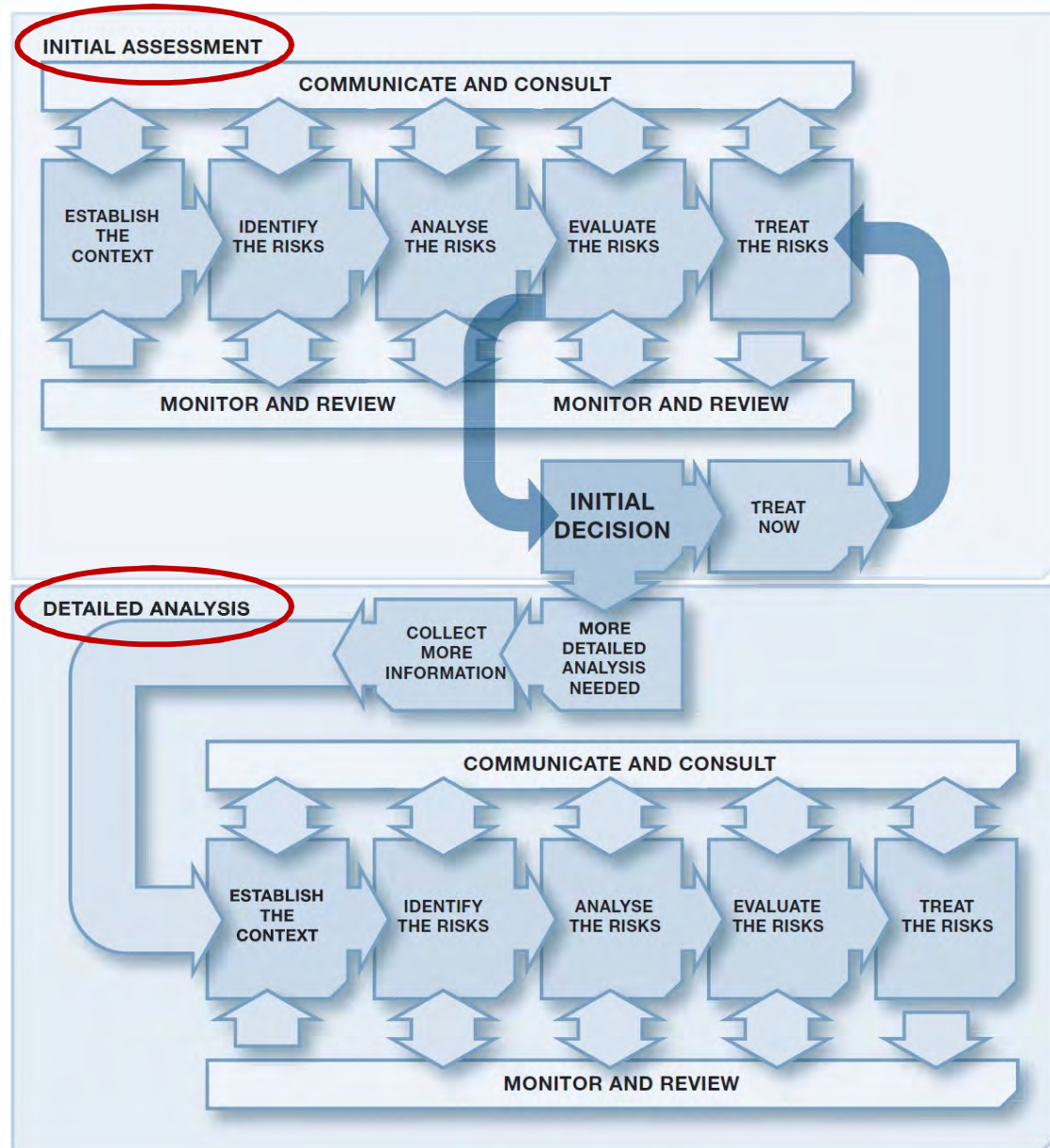
# Example 1 - Risk Management Framework



(Australian and New Zealand Standard AS/NZS 4360 Risk Management)



# Example 1 - Risk Management Framework

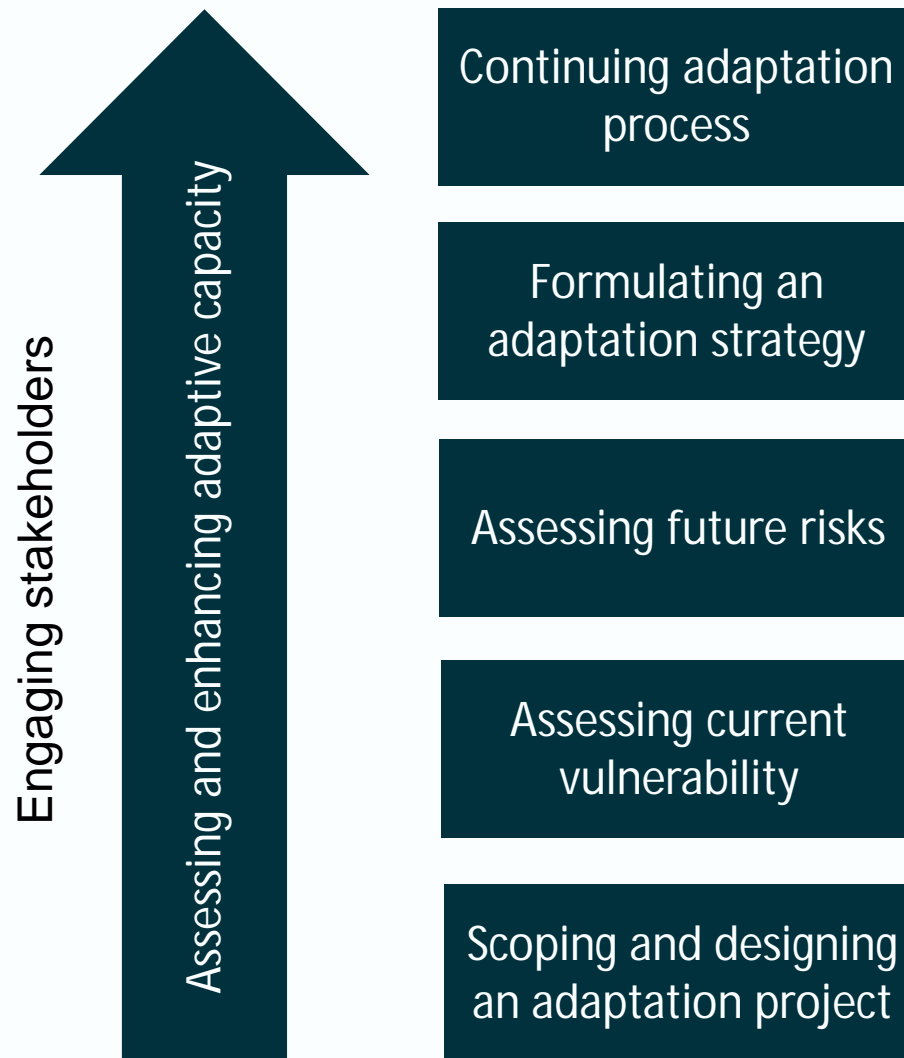


(Australian and New Zealand Standard AS/NZS 4360 Risk Management)





# Example 2- UNDP Adaptation Policy Framework



# Guideline for IAV Assessment

1. Many frameworks available for broad guidance
2. It is an iterative process allowing for feedbacks
3. Usually context-specific
  - People, existing knowledge, and circumstance shape the process
  - No single-recipe for all
4. Generic steps:
  1. Scoping stage
  2. Assess risk and identify adaptation options
  3. Planning, Implementation, Monitoring & Evaluation

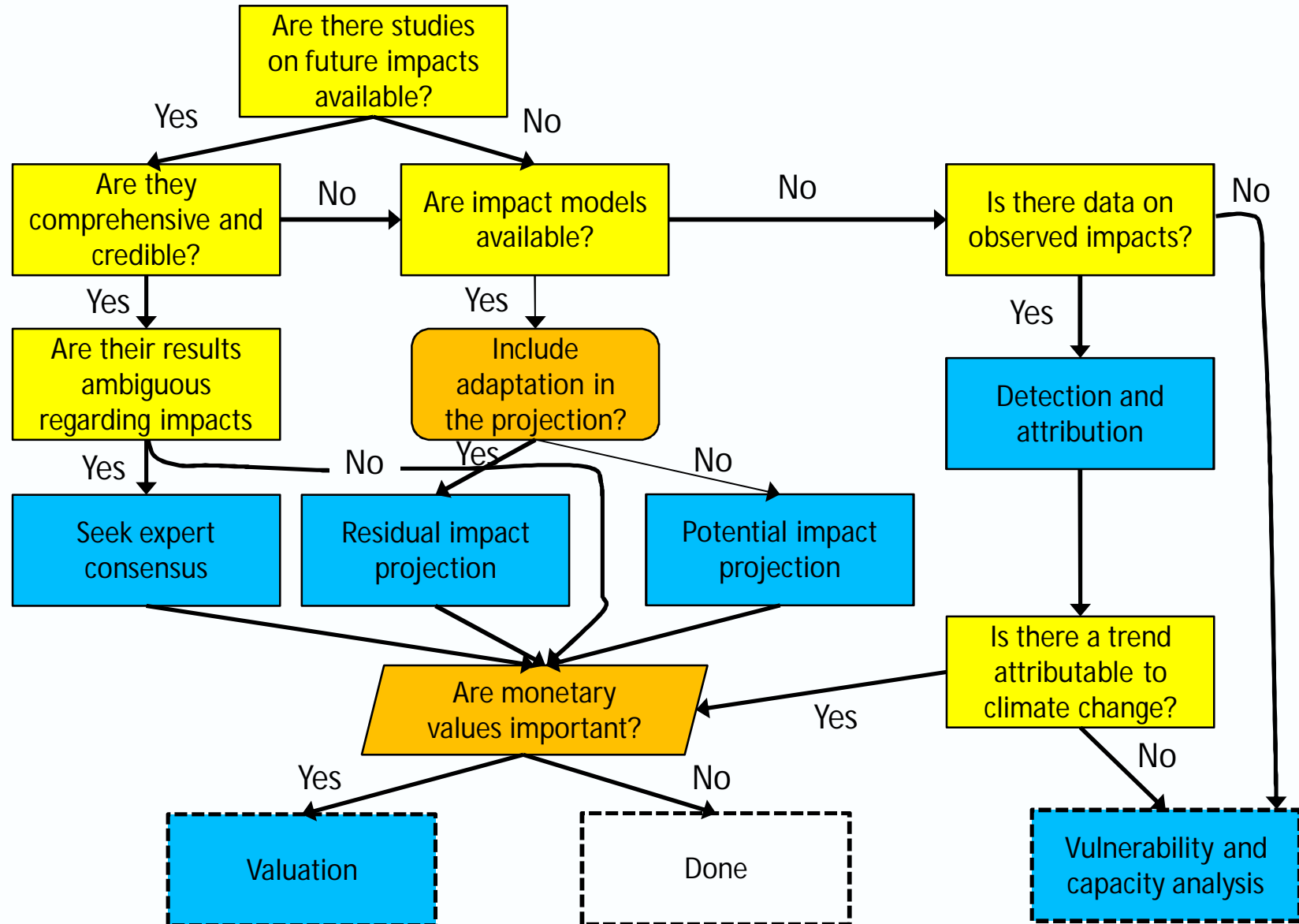


The IAV Guideline in the Portal give emphasis on these steps

# Guideline for Scoping – establishing the contexts

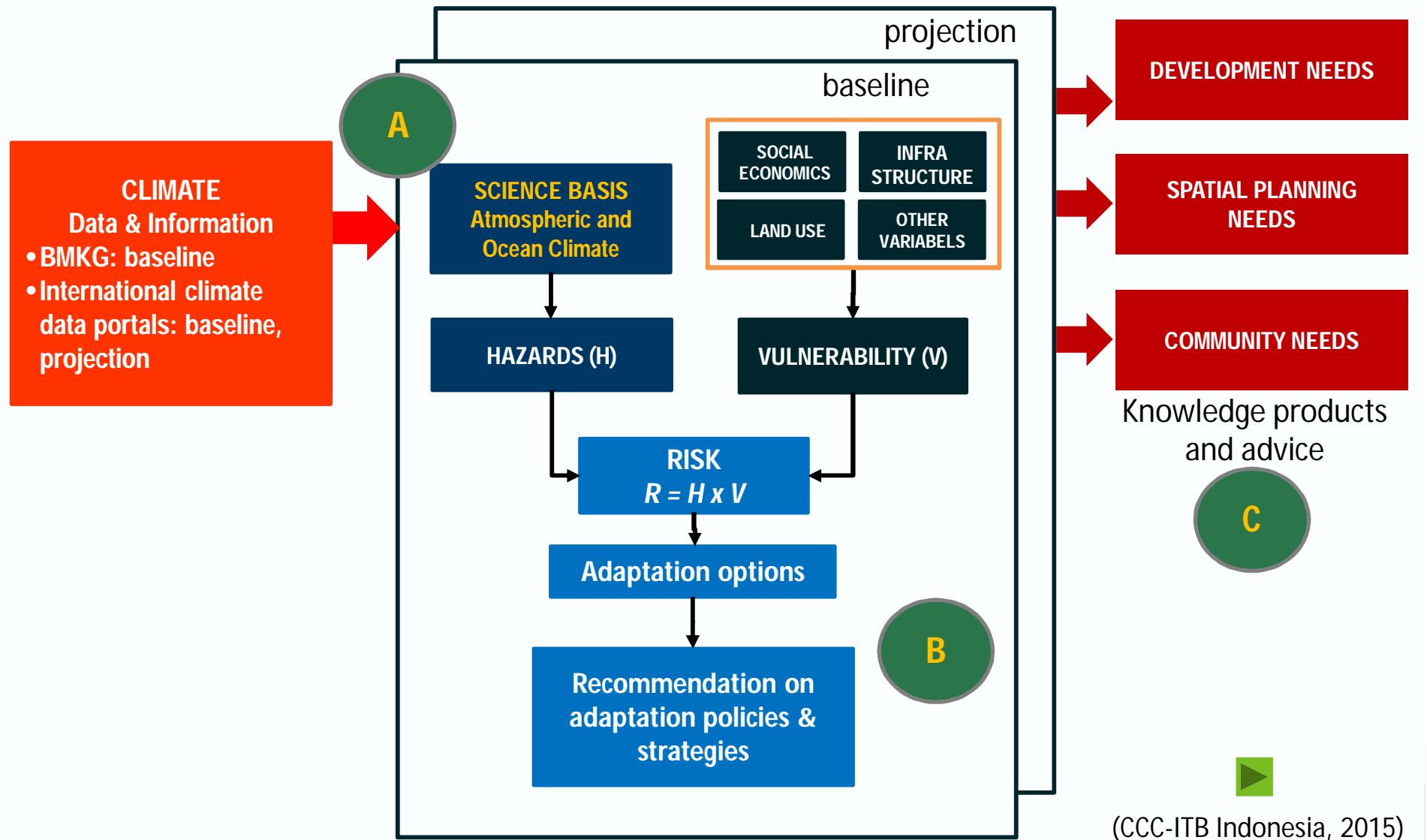
1. Define the purpose or objectives of the assessment
2. Define the scope of the assessment
3. Define the stakeholders and engagement strategy
4. Review existing information
5. Define the approach, methods and tools for the assessment
  - Impact assessment
  - Vulnerability or capability assessment
  - Risk management
6. Determine what climate information is required
7. and so on ...

# Guideline on how to choose approach for the assessment: example 1 – UNEP PROVIA



# Risk assessment – Example 2 (Indonesia Case Study)

## Climate Change Risk and Adaptation Assessments (CCRAA)



# Portal demonstration

## The IAV Guideline in the portal:

1. Introduces users to IAV assessment
2. Gives links to existing resources and tools, and practical examples
3. Is expected to grow over time
4. Targets:
  - Beginners who wish to learn briefly about how to do IAV assessment
  - Beginners who wish to be aware of existing resources and tools
  - Professionals with some background knowledge on the field