

# Analysing effectiveness pursuant to UNEA Resolution 4/6 paragraph 7(d)

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Webinar 2: Ad Hoc Open-Ended Expert Group on Marine Litter and Microplastics

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12 August 2020



# Introduction

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## Session 1:

1. The framework
2. The two approaches (review)

Session 2: Pilot - Regional Marine Litter Action Plans

Session 3: Pilot - Microplastics

Session 4: Pilot - New international framework

# Management strategies and their relationship

INTERNATIONAL  
(harmonise)

Strengthen existing  
global instruments

Global design  
standards

New global  
framework

REGIONAL  
(facilitate)

Strengthen existing  
regional instruments



Regional marine  
litter action plans

NATIONAL  
(implement  
& monitor)

National action plans

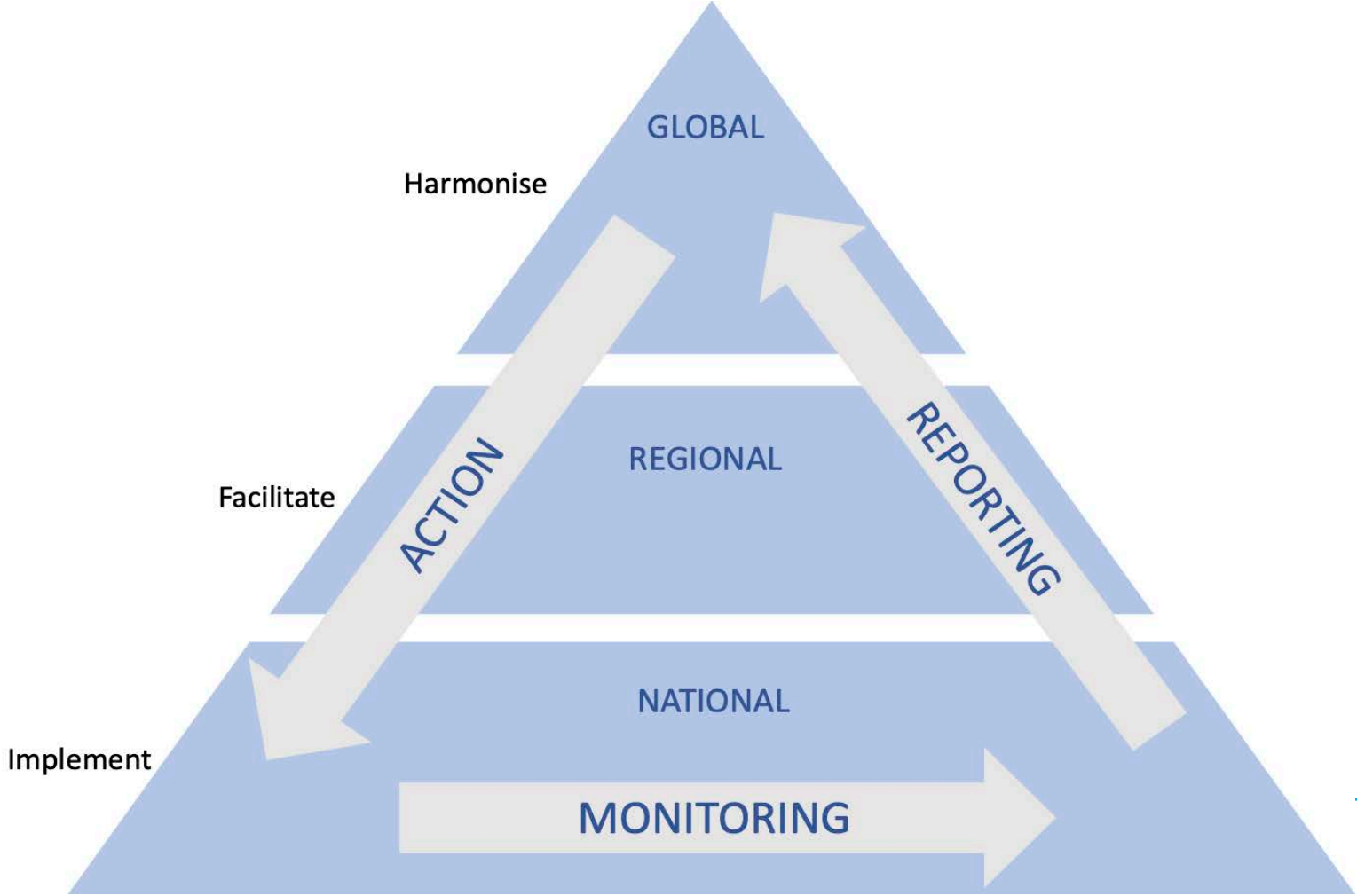
Sustainable waste  
management

PCR supply (MBI)  
PCR demand (MBI)

Regulatory measures  
(SUP bans)

Microplastics

# The policy hierarchy



# The two approaches

## OPERATIONAL CONTROLS

- Prevention, mitigation & recovery controls
- Manage pressures & impacts
- Result from human activities



## BOWTIE ANALYSIS

## MANAGEMENT CONTROLS

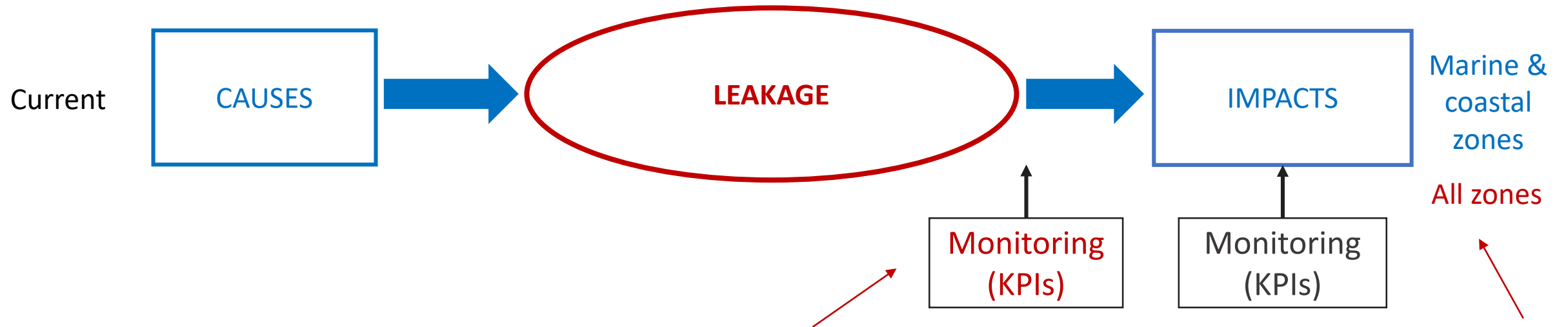
- Processes needed to ensure implementation of operational controls
- Across relevant jurisdictions & sectors
- In consultation with stakeholders

(Cormier et al., 2018)

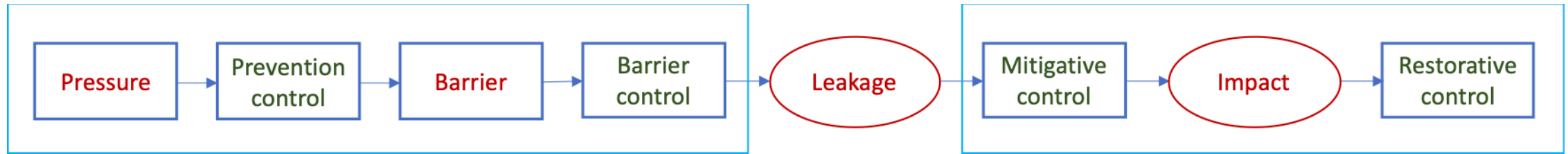


## ANALYSIS OF INDICATORS

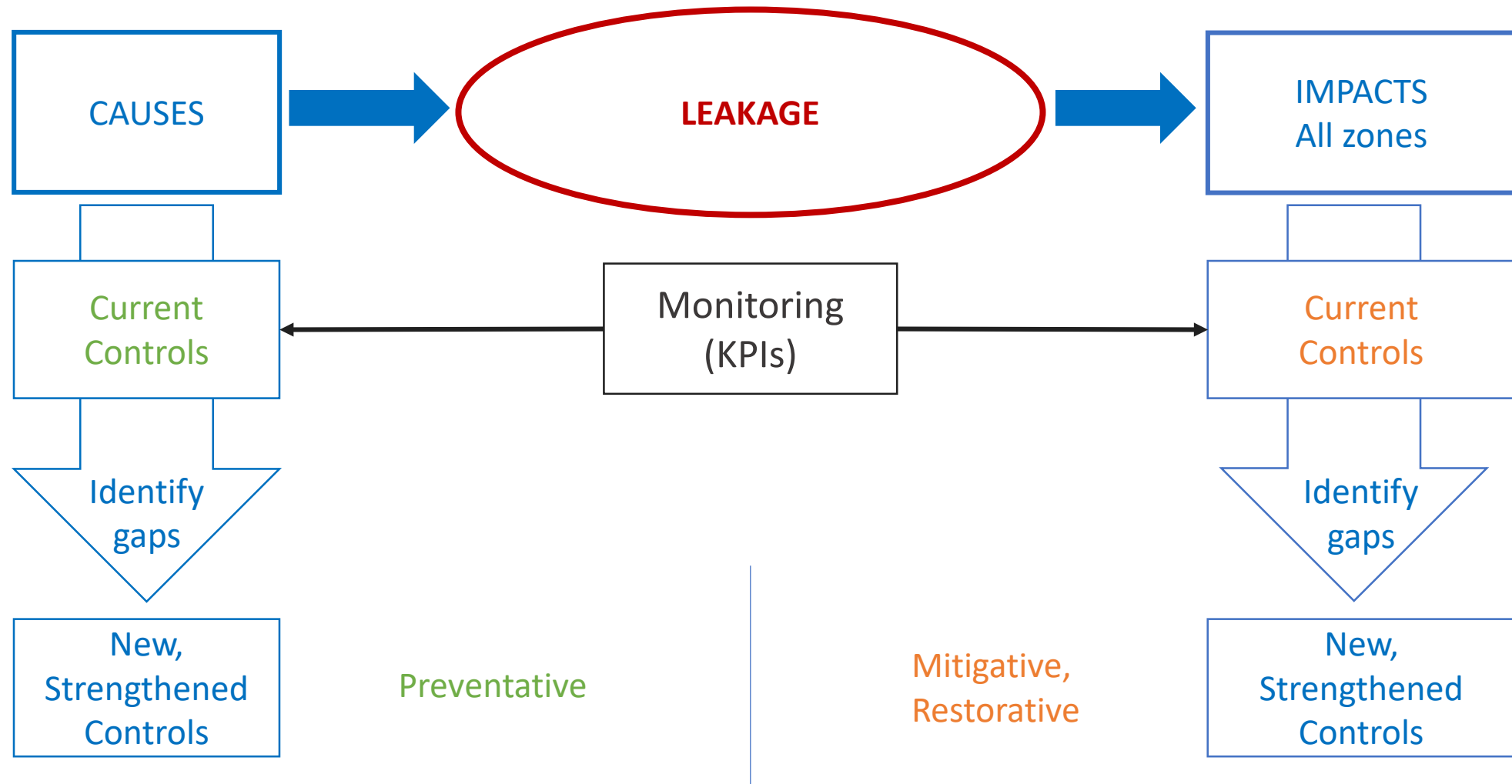
# Measures of effectiveness - impacts



# Measures of effectiveness - impacts

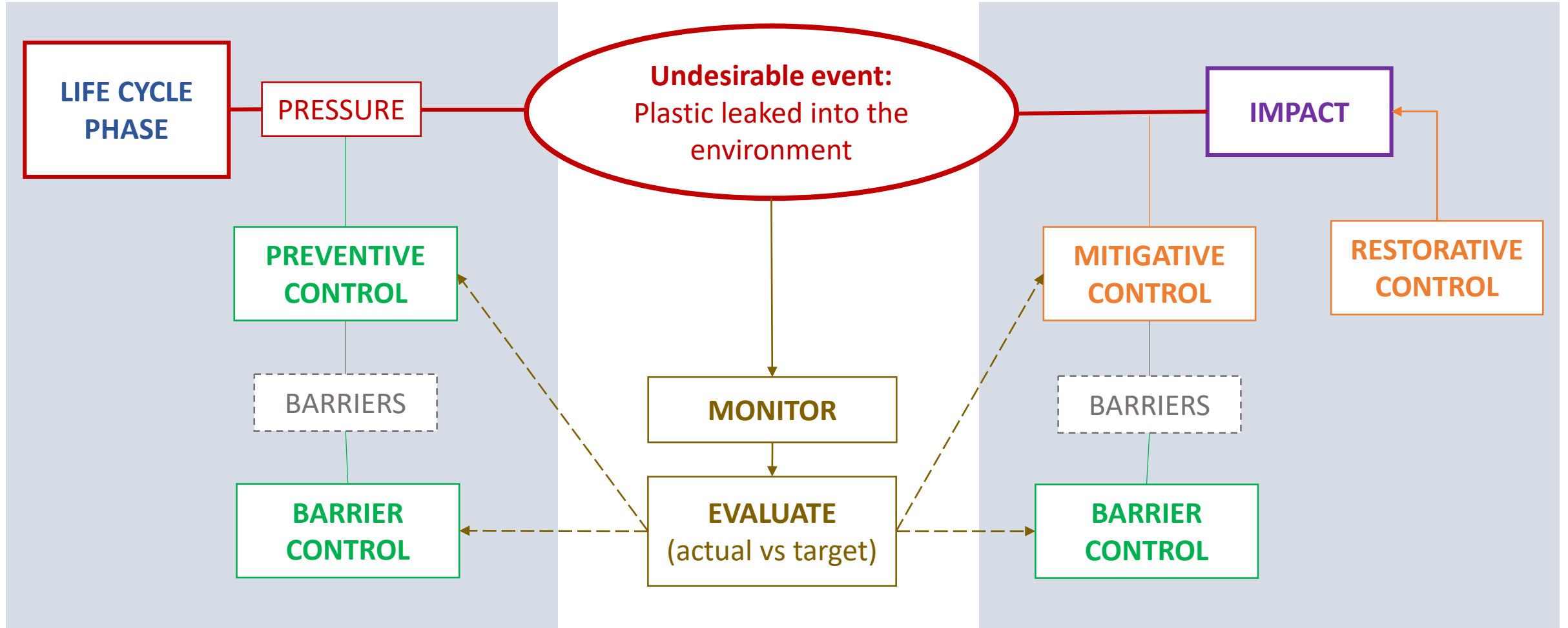


# Measures of effectiveness – operational controls





# 1. Bowtie Analysis – operational controls



## 2. Indicators Analysis – management controls

INPUT

- Scope
- Maturity
- Scale

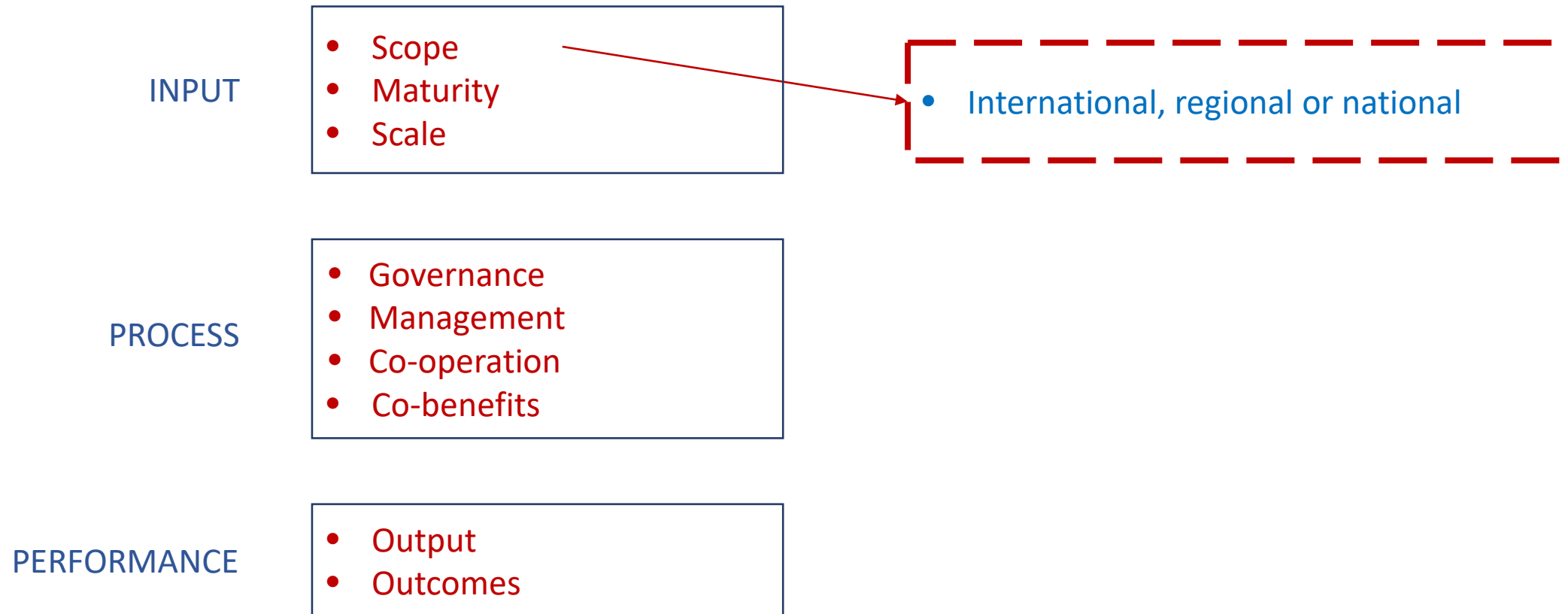
PROCESS

- Governance
- Management
- Co-operation
- Co-benefits

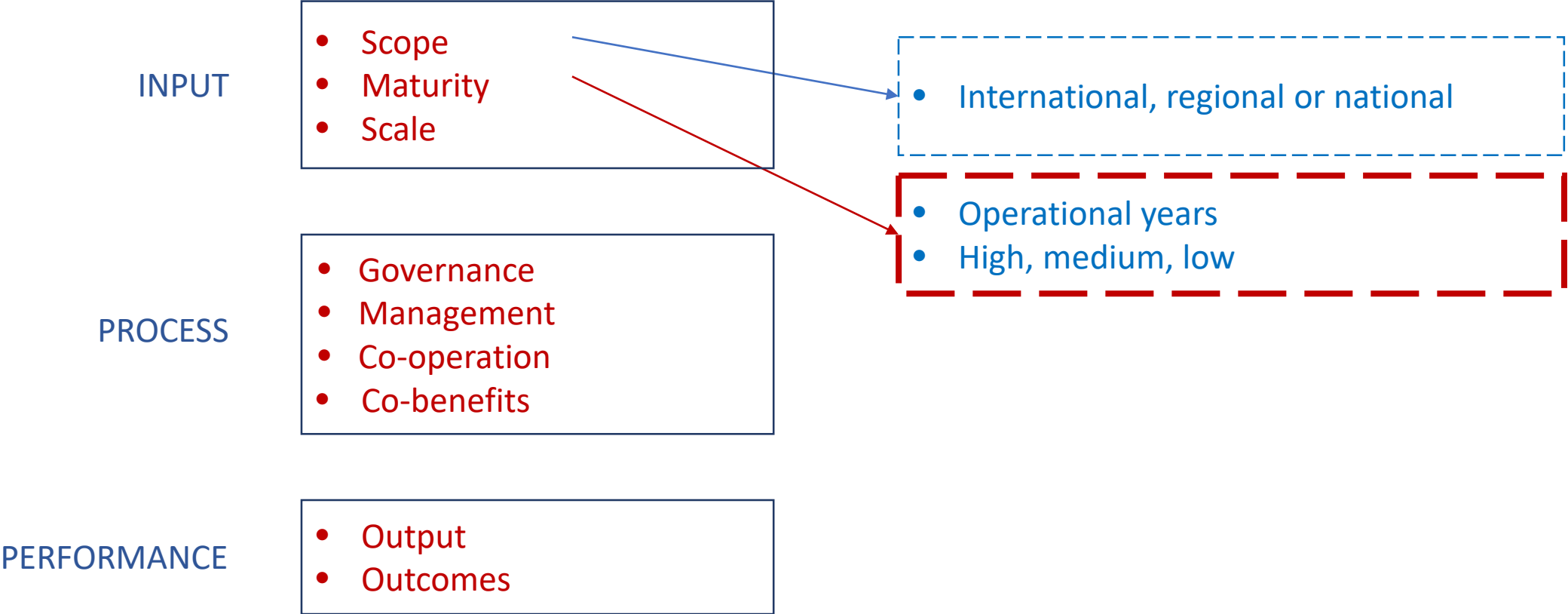
PERFORMANCE

- Output
- Outcomes

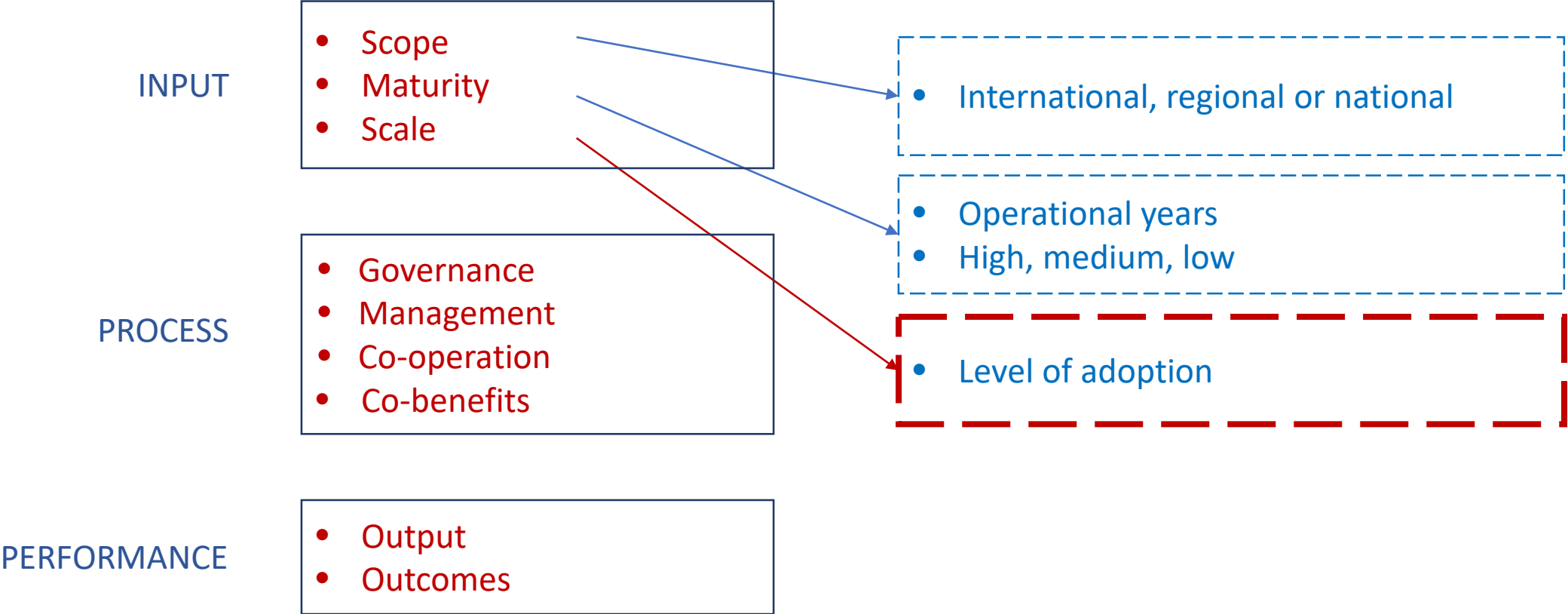
## 2. Indicators Analysis – management controls



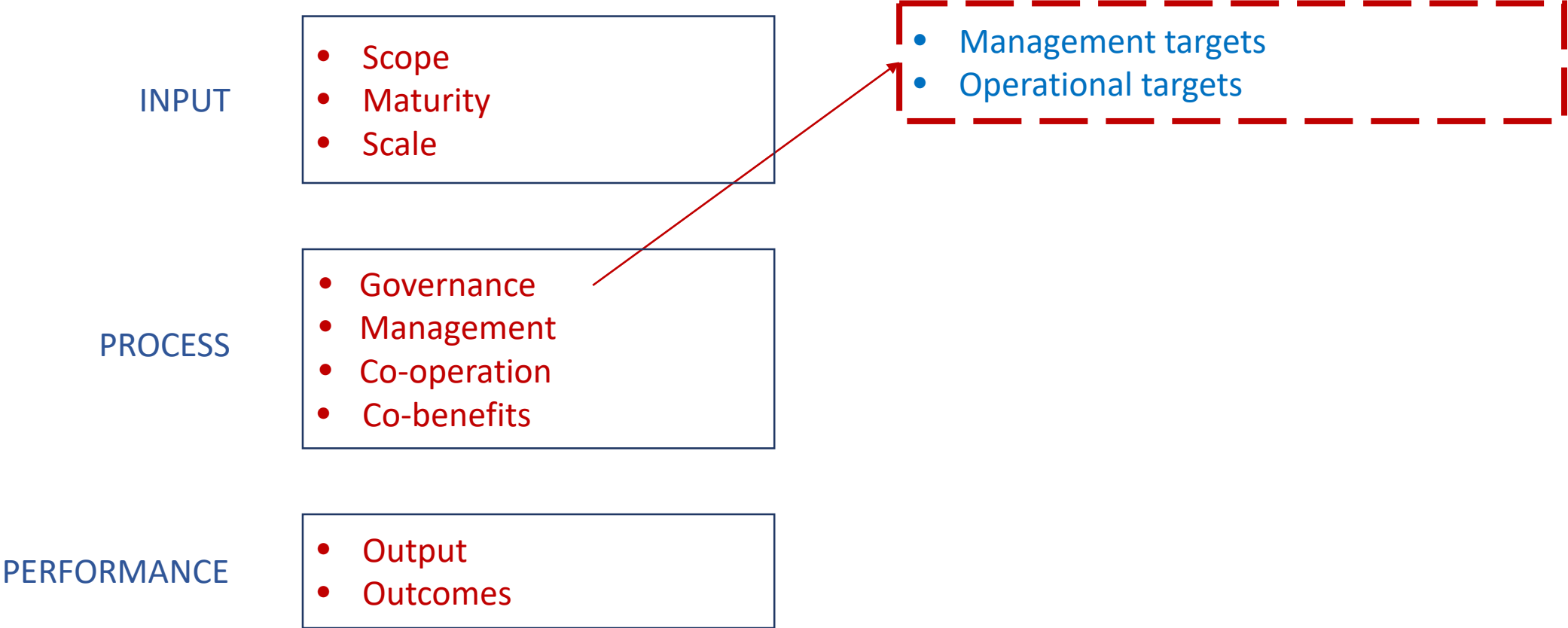
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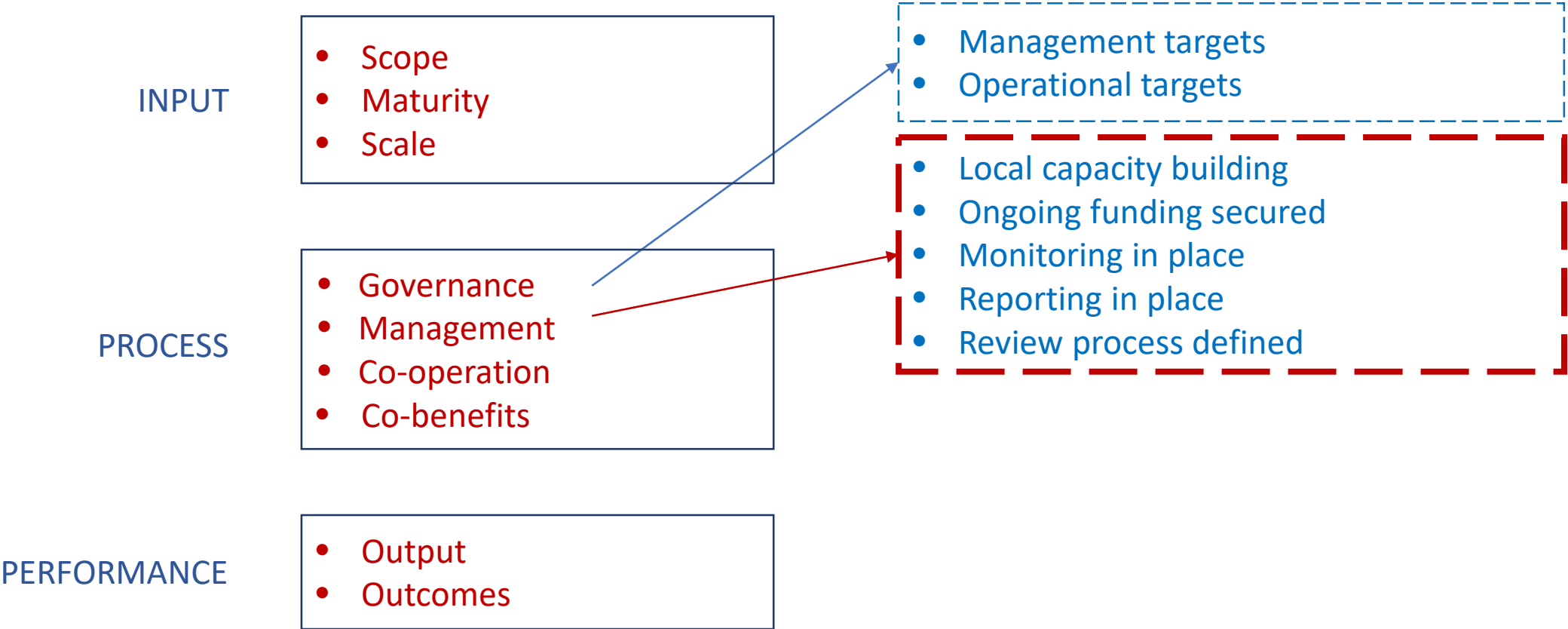
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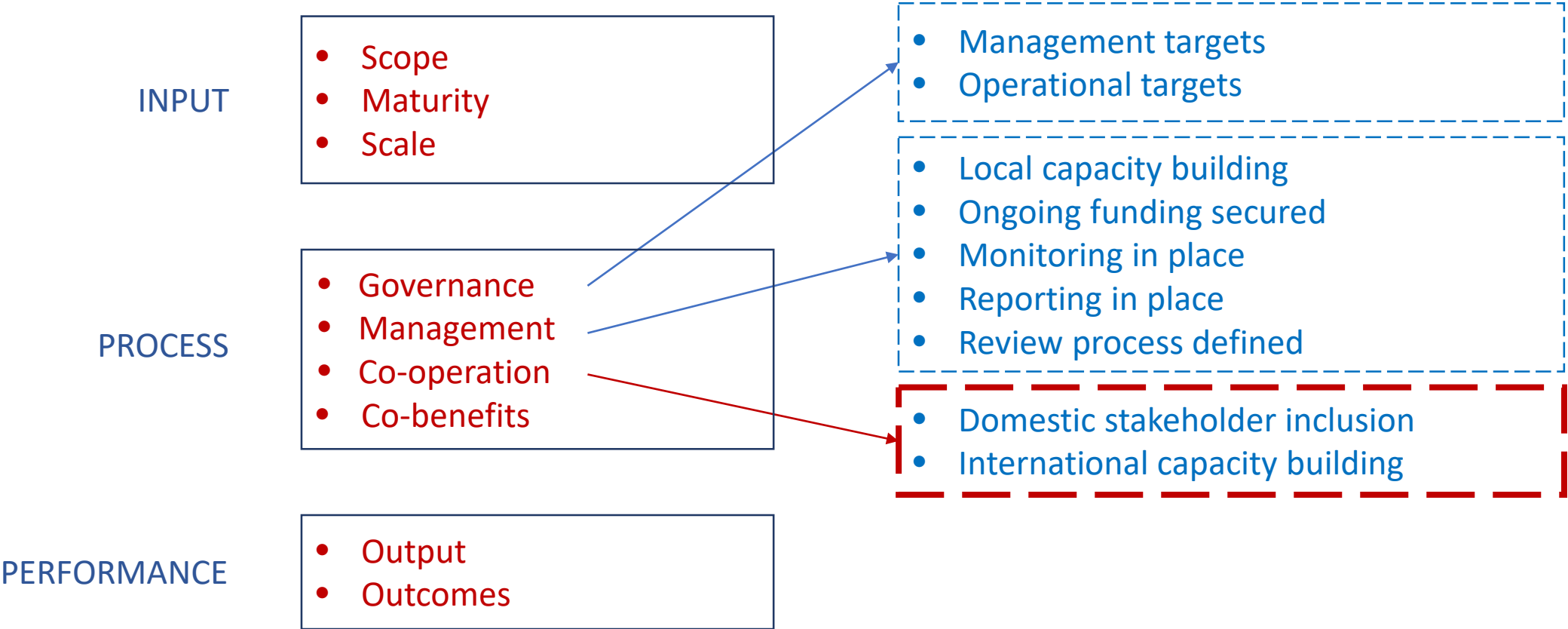
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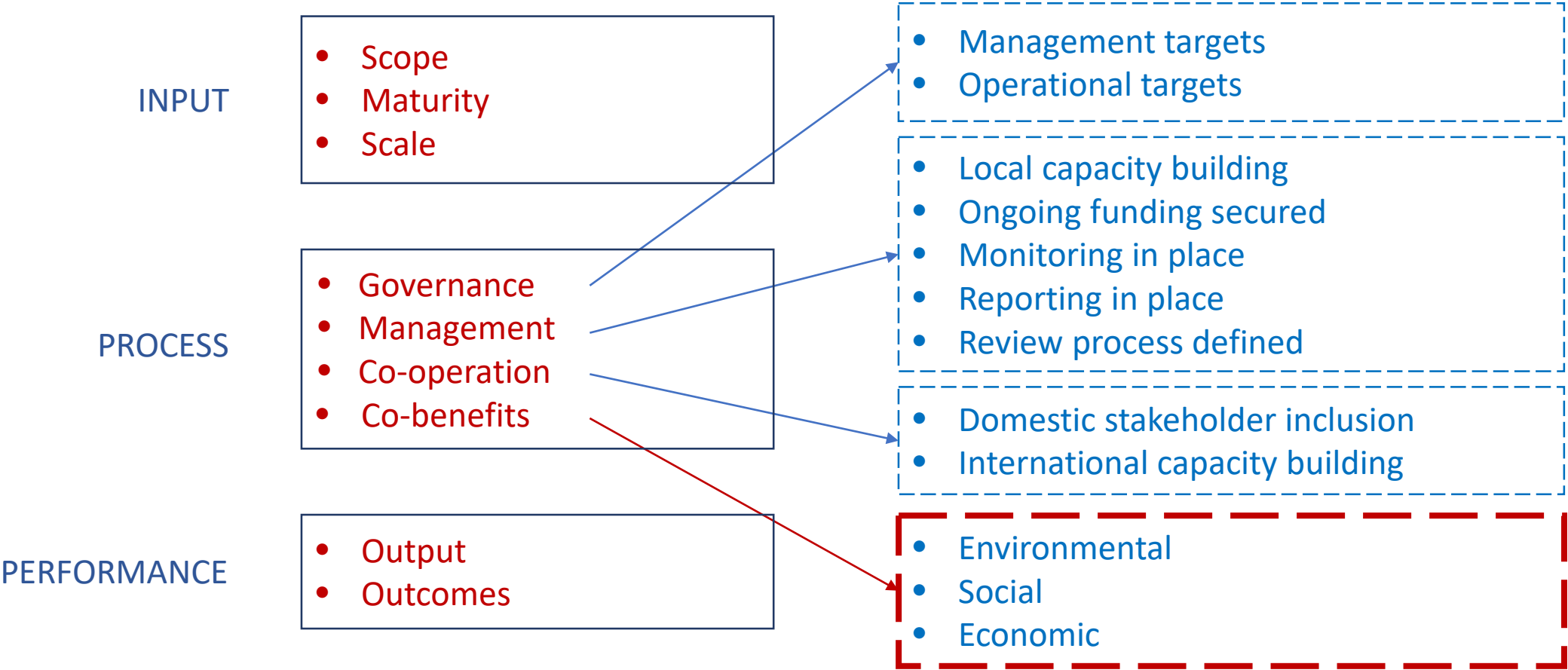


# 2. Indicators Analysis – management controls

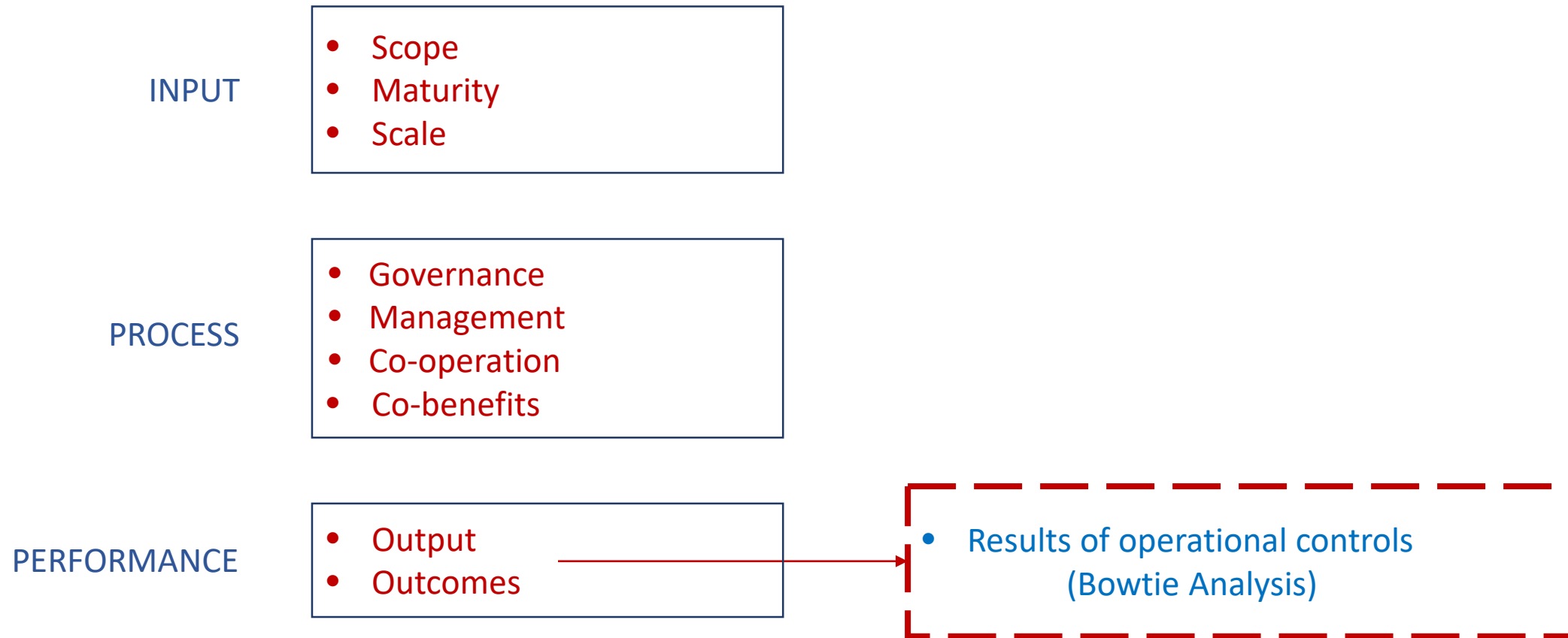




# 2. Indicators Analysis – management controls



## 2. Indicators Analysis – management controls



## 2. Indicators Analysis – summary of indicators

| Indicator Type | Indicator                       | Description                               | Evaluation                                                         |
|----------------|---------------------------------|-------------------------------------------|--------------------------------------------------------------------|
| INPUT          | Scope                           | International, regional or national       | Regional                                                           |
|                | Maturity                        | Operational years - high, medium, low     | High                                                               |
|                | Scale                           | Level of adoption                         | High                                                               |
| PROCESS        | Governance                      | Management targets                        | Low                                                                |
|                |                                 | Operational targets                       | High (many inferred)                                               |
|                | Management                      | Local capacity building                   | Yes                                                                |
|                |                                 | Ongoing funding secured                   | Yes                                                                |
|                |                                 | Monitoring in place                       | Yes                                                                |
| Co-operation   | Reporting in place              | Yes                                       |                                                                    |
|                | Review process defined          | Yes                                       |                                                                    |
| Co-benefits    | Domestic stakeholder inclusion  | Yes                                       |                                                                    |
|                | International capacity building | Yes                                       |                                                                    |
|                | Environmental                   | Yes                                       |                                                                    |
| PERFORMANCE    | Outputs                         | Social                                    | Yes – limited                                                      |
|                |                                 | Economic                                  | Yes – limited                                                      |
|                | Outcomes                        | Relative to the facilitative role of RAPs | Yes – not clearly reported                                         |
|                |                                 |                                           | Yes – mostly environmental, others listed but not yet reported on. |

# Thank you



Send comments to:

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