

MONITORING AND EVALUATION

Aradhna Aggarwal, Professor
Industrial Parks Leadership Training Program
UNDO and SNAI, Shanghai
July 2023
aradhna.aggarwal@gmail.com

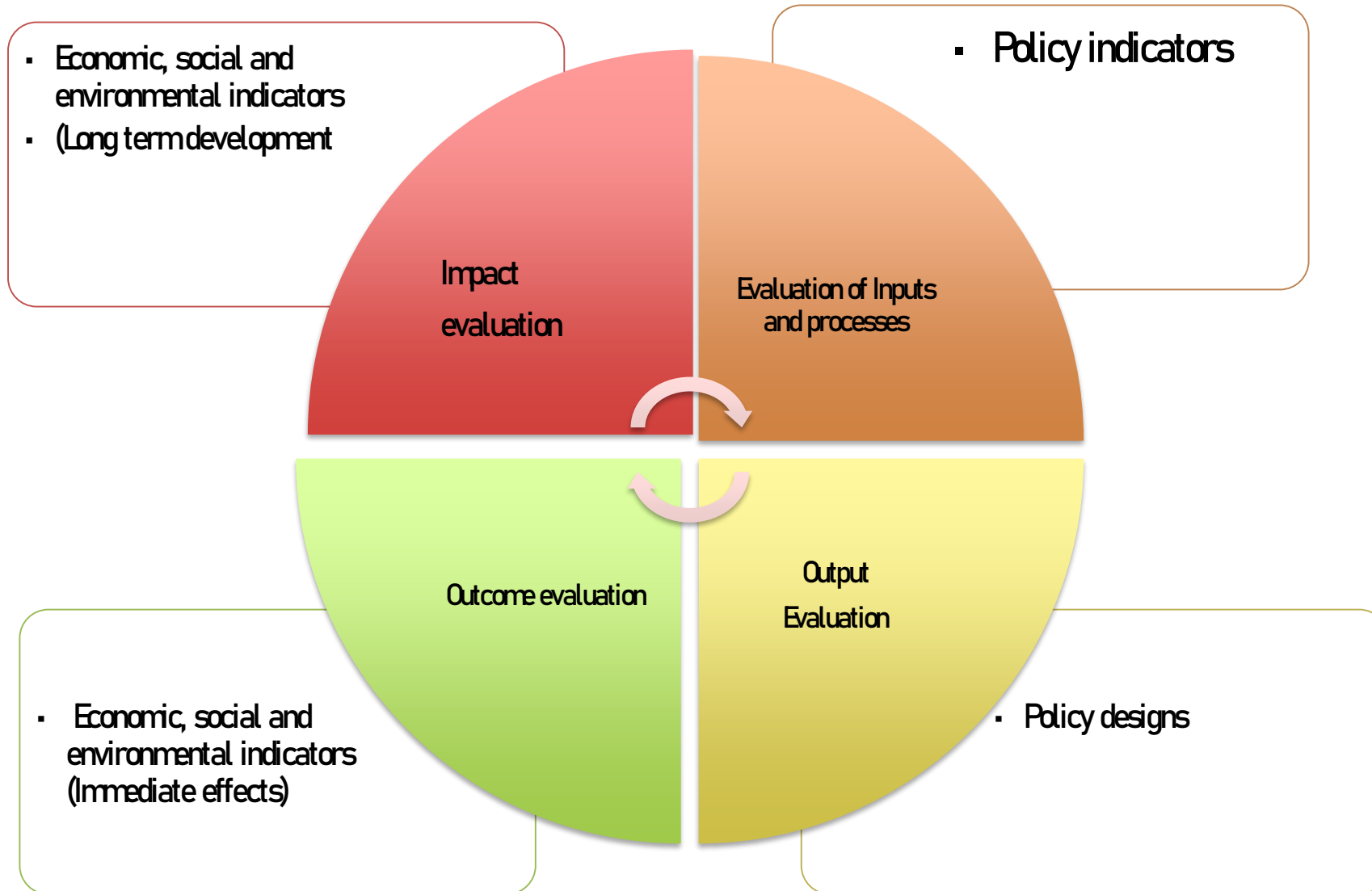
MONITORING AND EVALUATION

- The concept
 - The 'Monitoring and Evaluation to evaluate inputs, processes, outputs, outcomes, and impacts of the policy to ensure that it produces intended outcomes.
 - Monitoring is a continuing function of overseeing progress in the achievement of results, involving a regular collection of information to assist timely decision making and ensure accountability
 - Evaluation is a systematic and objective assessment of the SEZ policy, and its design, implementation, outcomes, and impacts from time to time.
- Objective
 - To evaluate the progress of the SEZ initiative including its actions, investments, nuances, ownership and sustainability.
 - To ensure evidence based management

A CLEAR M&E FRAMEWORK IS ESSENTIAL TO GUIDE POLICY MAKERS

- It should reflect
 - the specific questions that need to be answered: What is being evaluated (the strategy, output, outcomes and or impacts)
 - Indicators
 - Methodologies used to process the information
 - Periodicity of evaluation
 - Follow up actions

THE FRAMEWORK OF INDICATORS



POLICY INDICATORS FOR STRATEGY EVALUATION

- Action Indicators track the development of SEZ strategies to help them be aligned with changing realities
- The choice of the SEZ policy option with changing requirement
 - Objectives
 - Types
 - Locations: factor availability The supporting industries Size
 - Industry composition
 - Economy embeddedness
 - Resources
 - Implementation processes
- Decisions to be made
 - How should SEZs be upgraded in line with the changing conditions?
 - Continue or not with the SEZ initiative.
 - Should the land be retrofitted?

SOME KEY OUTPUT EVALUATION INDICATORS FOR OUTPUT EVALUATION



One stop shop



Incentive structure



Onsite infrastructure



Offsite infrastructure



Social infrastructure



Services offered



Trade facilitation

OUTCOME INDICATORS: ECONOMIC

Direct

- Trade
- Net Foreign exchange
- Direct Employment
- Investment
- Tax revenue foregone
- Tax revenue generated

Enterprise

- Type of investment attracted
- Type of companies
- Composition of exports
- Motive of companies investing
- Export destinations
- What kind of activities are they involved in and where are their exports diverted to?

linkages

- Domestic procurement
- Domestic market sales
- Subcontracting
- Intra SEZ sales
- Employment generated outside SEZs

SOCIAL OUTCOMES

Wages

Working conditions

Social security

Skill training programs

Cooperation with local
stakeholders and their
satisfaction

ENVIRONMENTAL OUTCOME



IMPACT EVALUATION INDICATORS

Economic

- Regional development
- Economic restructuring
- Regional per capital incomes
- Technological upgrading
- Return on education
- Improvement in productivity

Social

- Growth in employment outside of SEZs
- Improvement in standard of living
- Improvement in literacy rates
- Skill upgrading
- Poverty reduction

Environmental

- Impact on climate change
- Impact on water resources
- General Health of people
- Impact on Fauna and Flora

Monitoring and evaluation tools

Formal survey

**Rapid appraisal
methods**

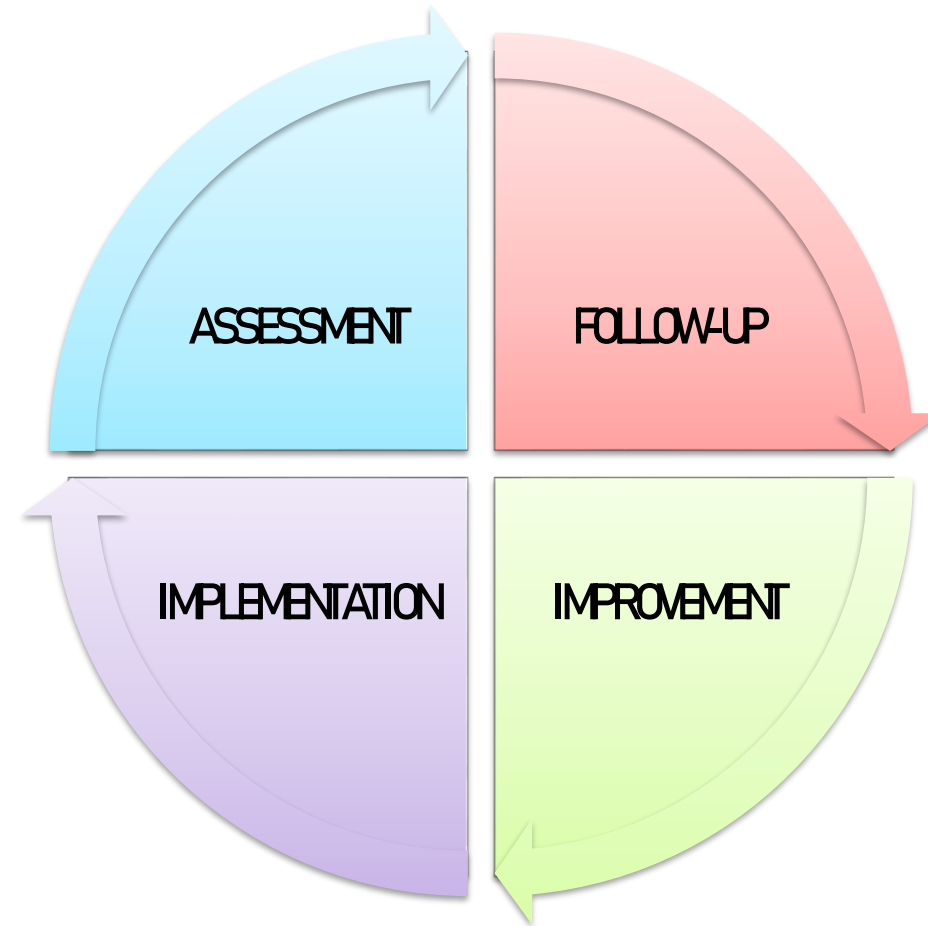
**Participatory
methods
(continuous
monitoring)**

**Cost-benefit and
cost-effectiveness
analysis**

**Public expenditure
tracking surveys**

**Impact evaluation
using experimental
and quasi
experimental
designs**

FOLLOW-UP ON EVALUATION



THANK YOU