



BUILDING INTEGRATIVE SYSTEM ON BIOSPHERE RESERVE MANAGEMENT



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OUTLINE

CURRENT ECONOMIC ISSUES IN INDONESIA



STI POLICY IN INDONESIA



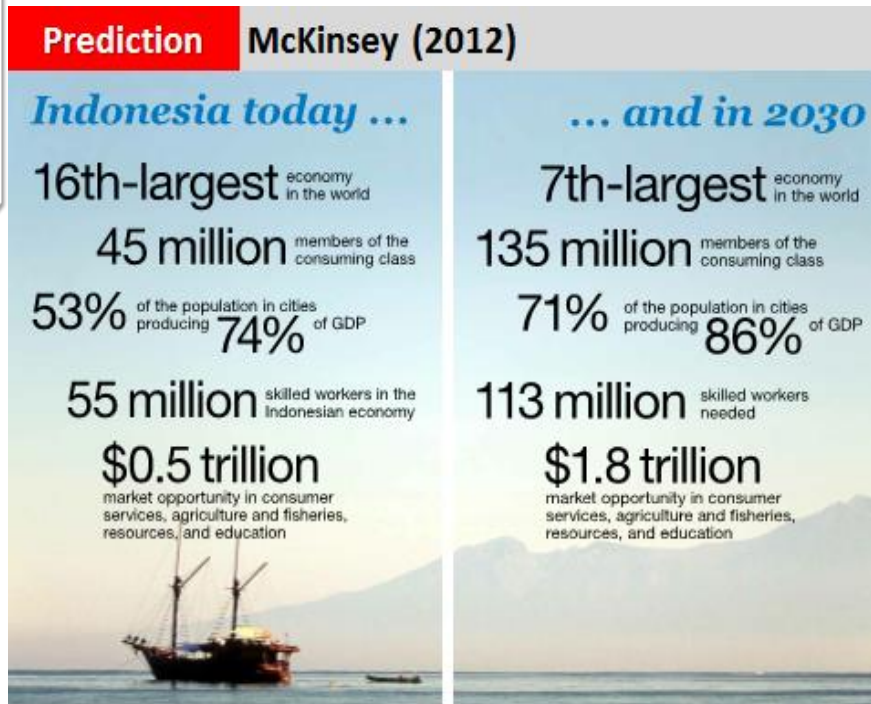
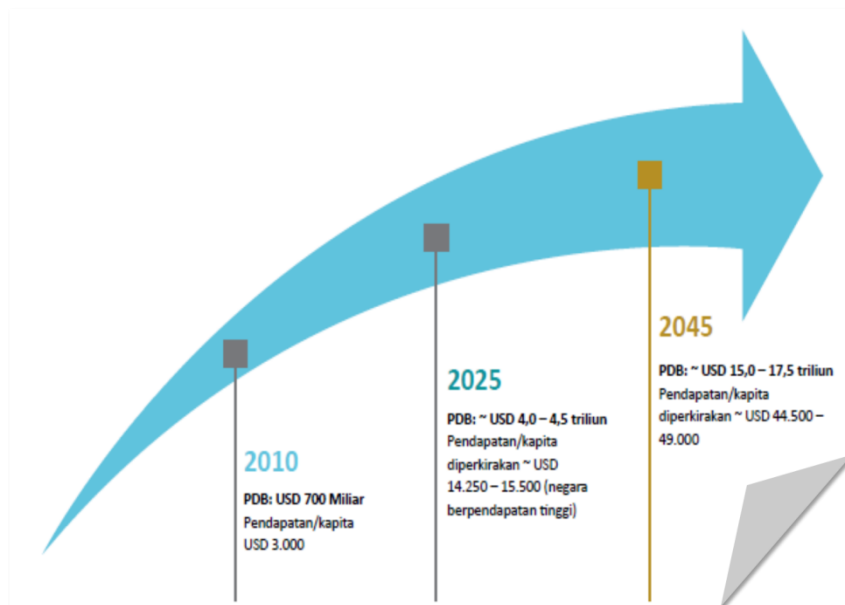
ISSUES ON MANAGING BIOSPHERE RESERVE



THREE SECTORS PARTNERSHIP MODEL IN
MANAGING CIBODAS BRA



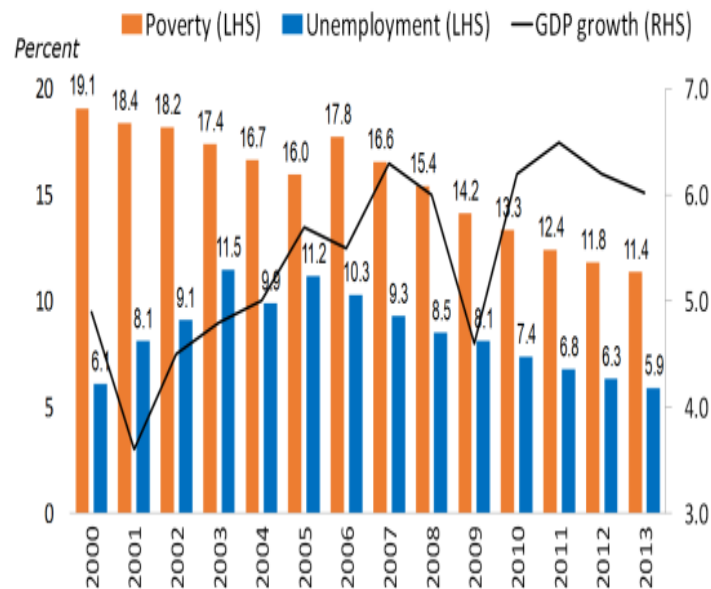
Macroeconomic prediction of Indonesia





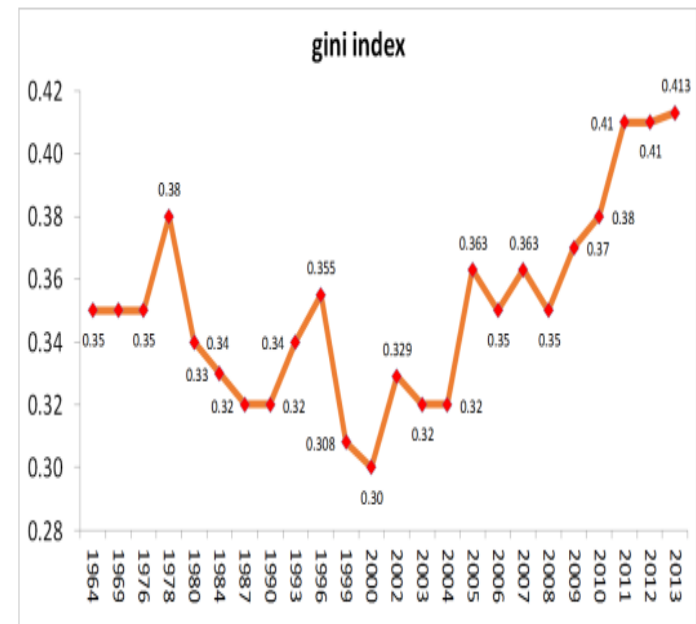
CURRENT SITUATION

- Poverty, unemployment and growth



Source: BPS.

- Wider Inequality



Sources: 1. BPS for 1966, 1969, 2002, 2005, 2007-2013 see http://www.bps.go.id/tabel_sub/view.php?kat=1&defar=1&id_subyek=23¬ab=6; for 2004 and 2009 see BPS, Key Indicators of Indonesia, Special Edition 2007.
2. Satish Chandra Mishra, "Economic Inequality in Indonesia: Trends, Causes and Policy Response, Strategic Asia, March 2009: 17 for 1976, 1984, 1987, 1990, and 1993.



WHAT INDONESIA NEED TO ACCELERATE SUSTAINABLE ECONOMIC DEVELOPMENT?



INCLUSIVENESS

- FINANCIAL, MANPOWER/HUMAN RESOURCES, SOCIAL



STABILITY

- MACROECONOMIC AND POLITICAL STABILITY, LAW ENFORCEMENT



SCIENCE, TECHNOLOGY AND INNOVATION

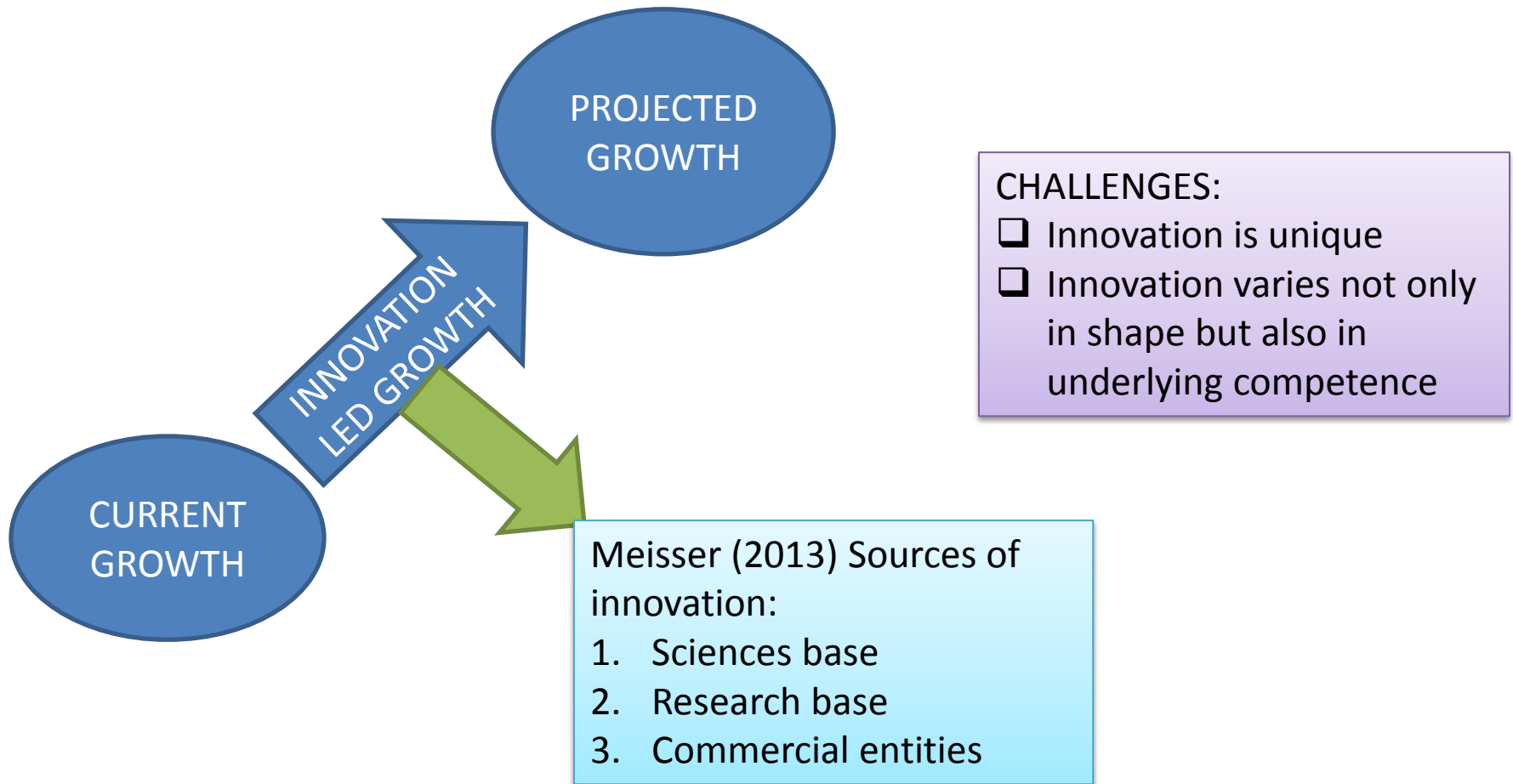
- SME, MLE and MNE



ENVIRONMENTAL SUSTAINABILITY



INNOVATION - LED ECONOMY





STI Policy in INDONESIA

- Indonesia is one of a latecomer in industrialization.
- Knowledge and technology accumulation mostly come from informal learning process.
- in order to become fast follower, Indonesia needs to shift from learning to innovation in accumulating knowledge and technology by shifting the focus of innovation system (Aminullah, 2013)

Future option for policy design on R & D Investment

Multiplying absorptive capacity

Leverage point

Human capital

Physical support

Institutional linkage

Social trust

Economic openness

Institutional linkage

Human capital



CHALLENGE AND THREAT OF BR DEVELOPMENT

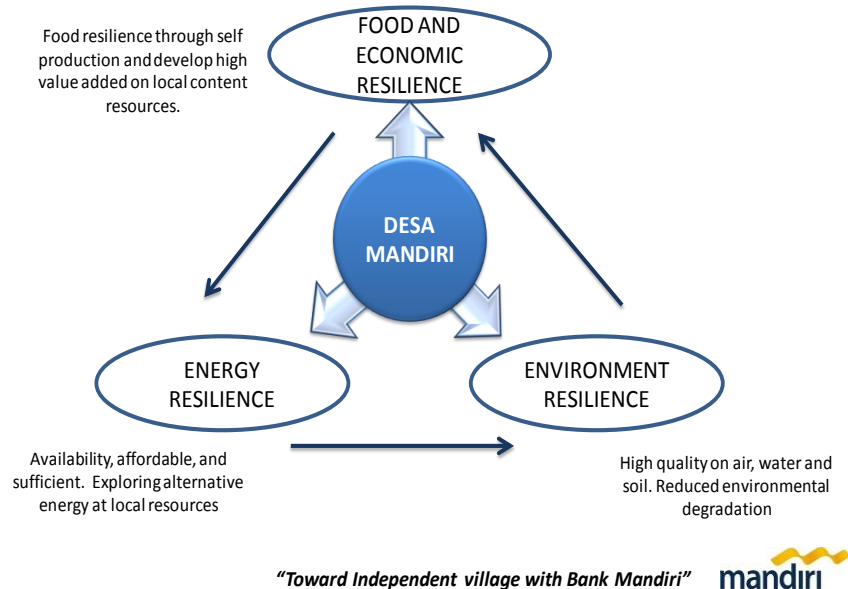
- Many program but do not integrated
- There is no guarantee for program continuity.
- Solve one problem but lead to other new problem.
- Growing population and area, open opportunity for new business but there is no strictly policy to protect BR
- Less government intervention to preserve the core area of BR due to the lack of financial assistance





Shifting Paradigm on BR development: CIBODAS BR Case

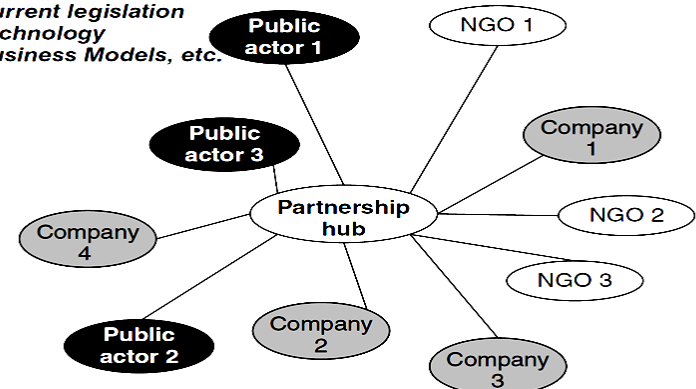
Initial concept of independence village on in transition area: Taman Sari Villages, Bogor



Three-sector partnership program

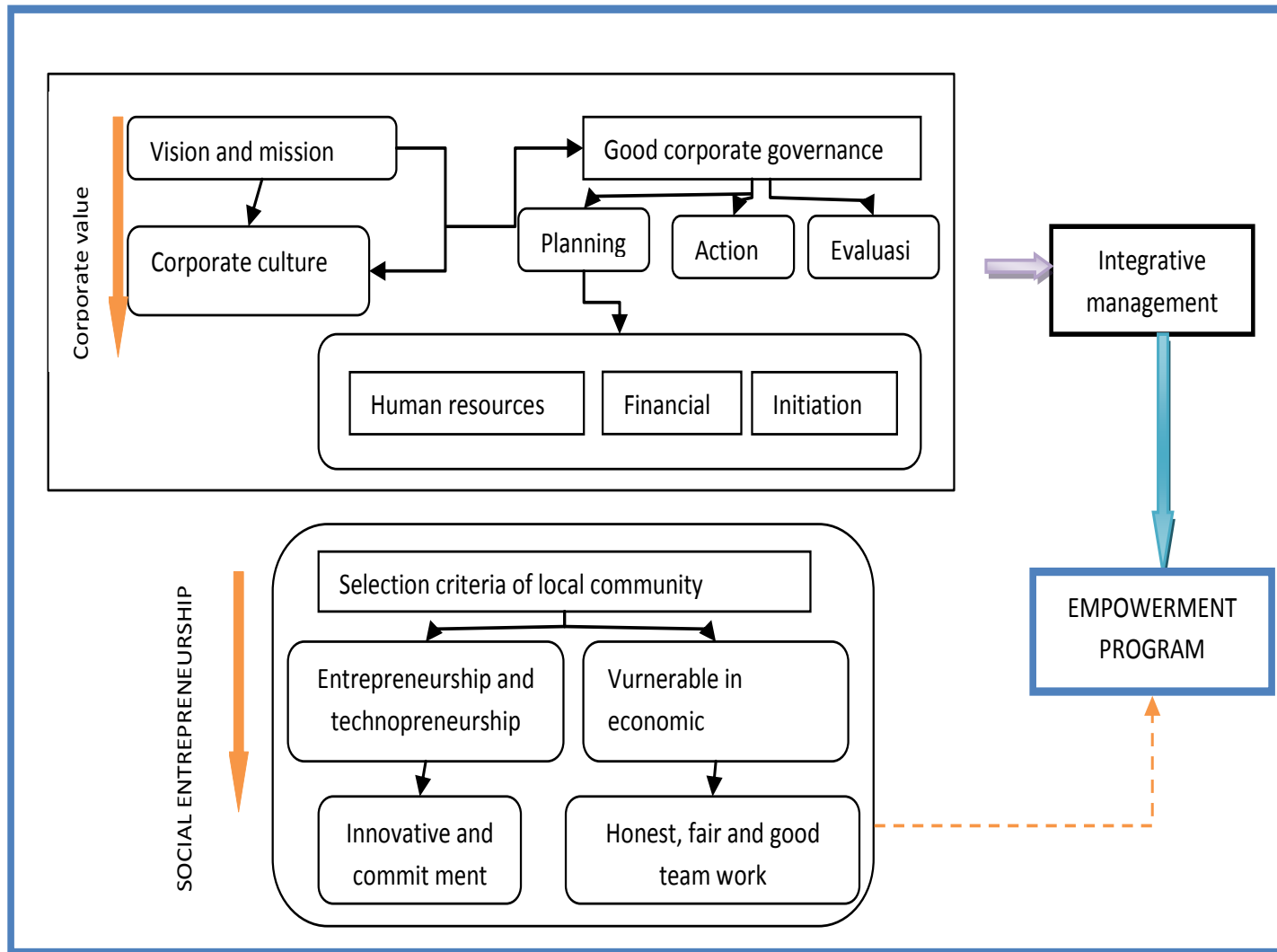
Context:

- Political and public debate
- Current legislation
- Technology
- Business Models, etc.



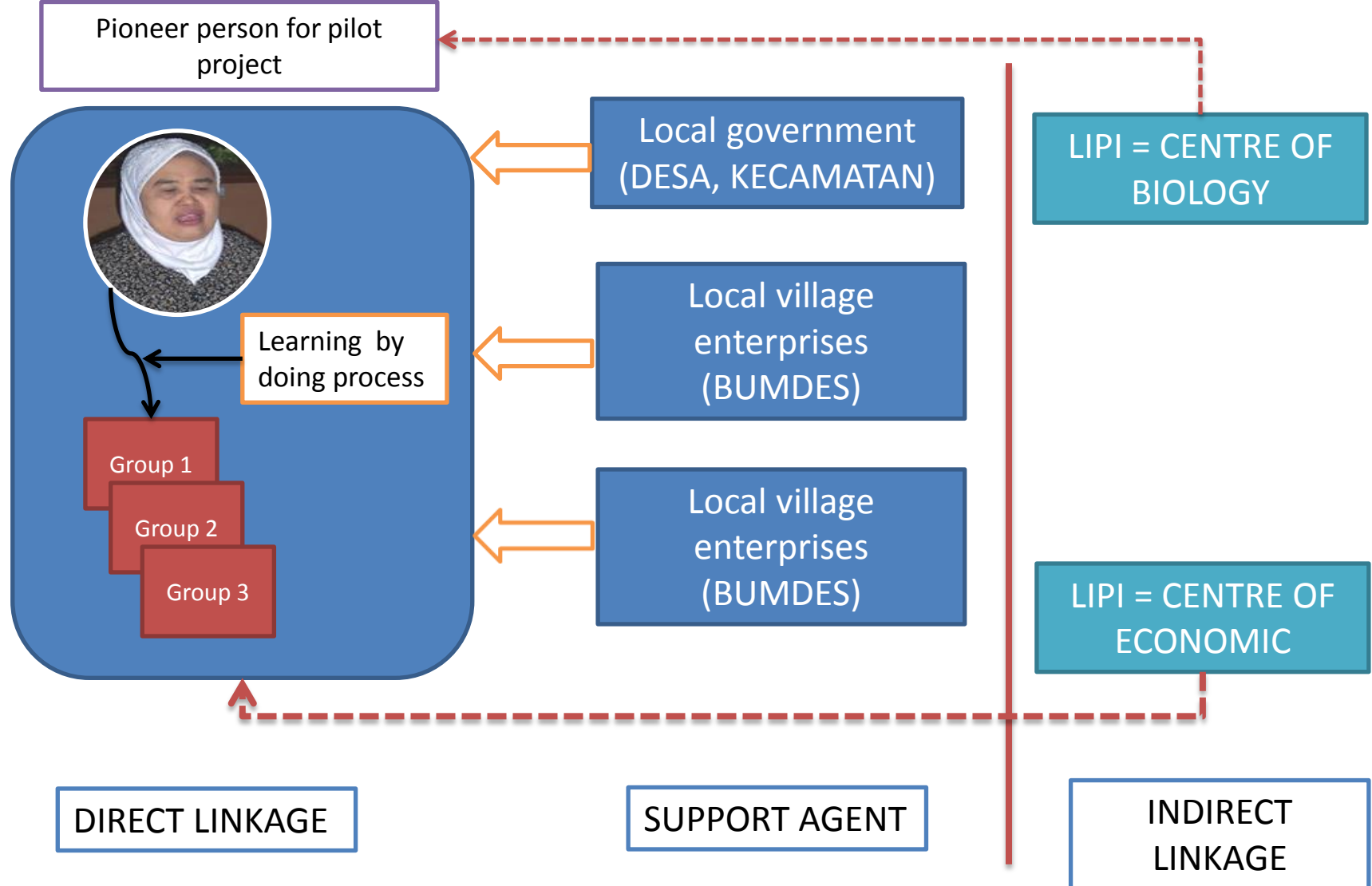


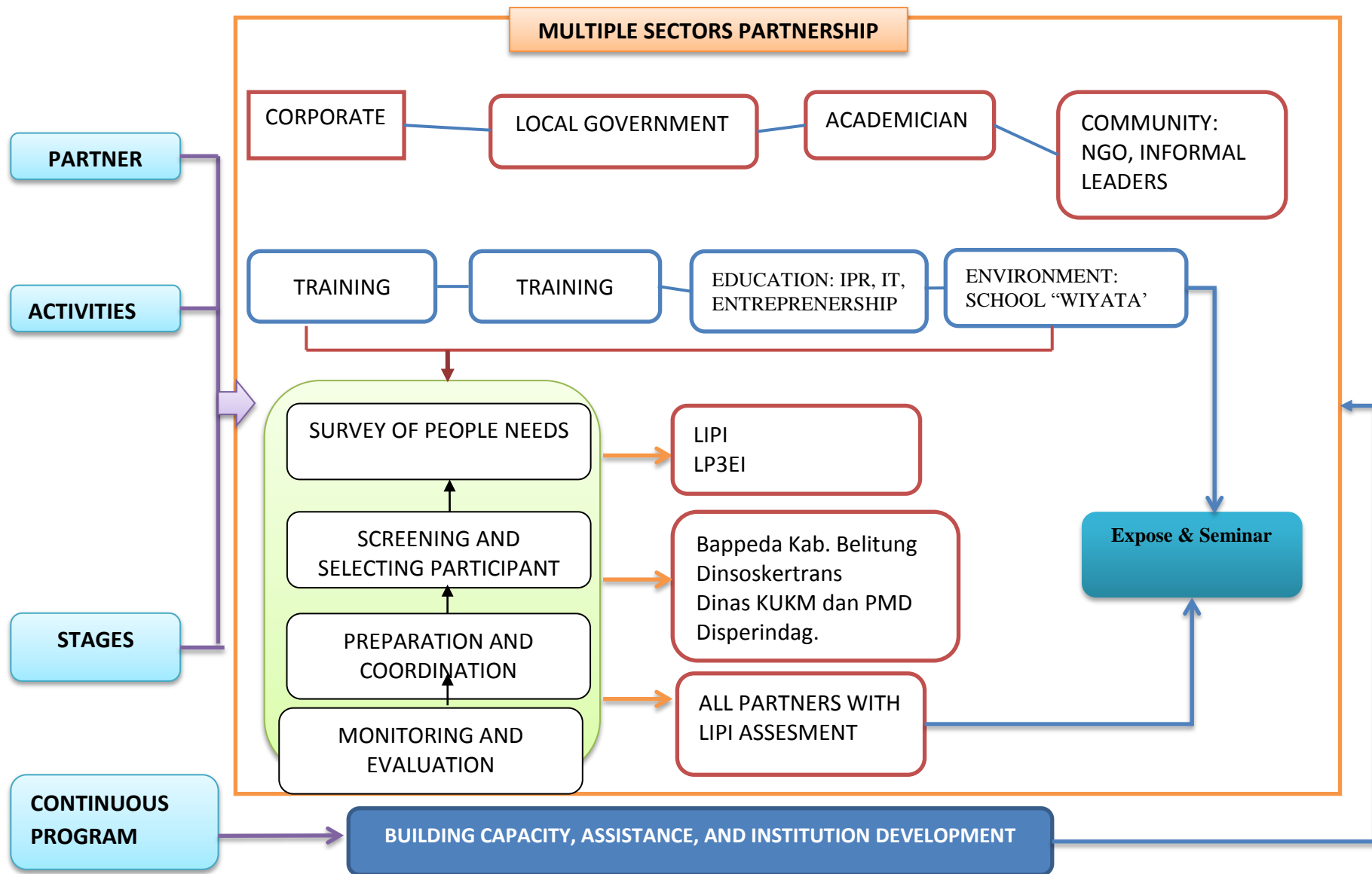
Integrative management system at corporate level





Integrative management system at community level





PROGRAM

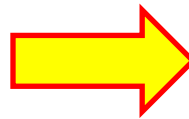


INSTALASI IPAG-60

Pemurnian air gambut



Air Gambut



Air Bersih





THANK YOU

