

4 April 2014

Project Overview

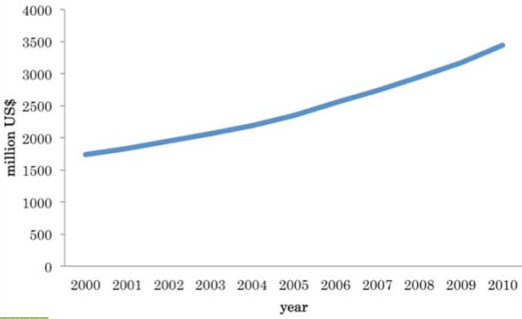
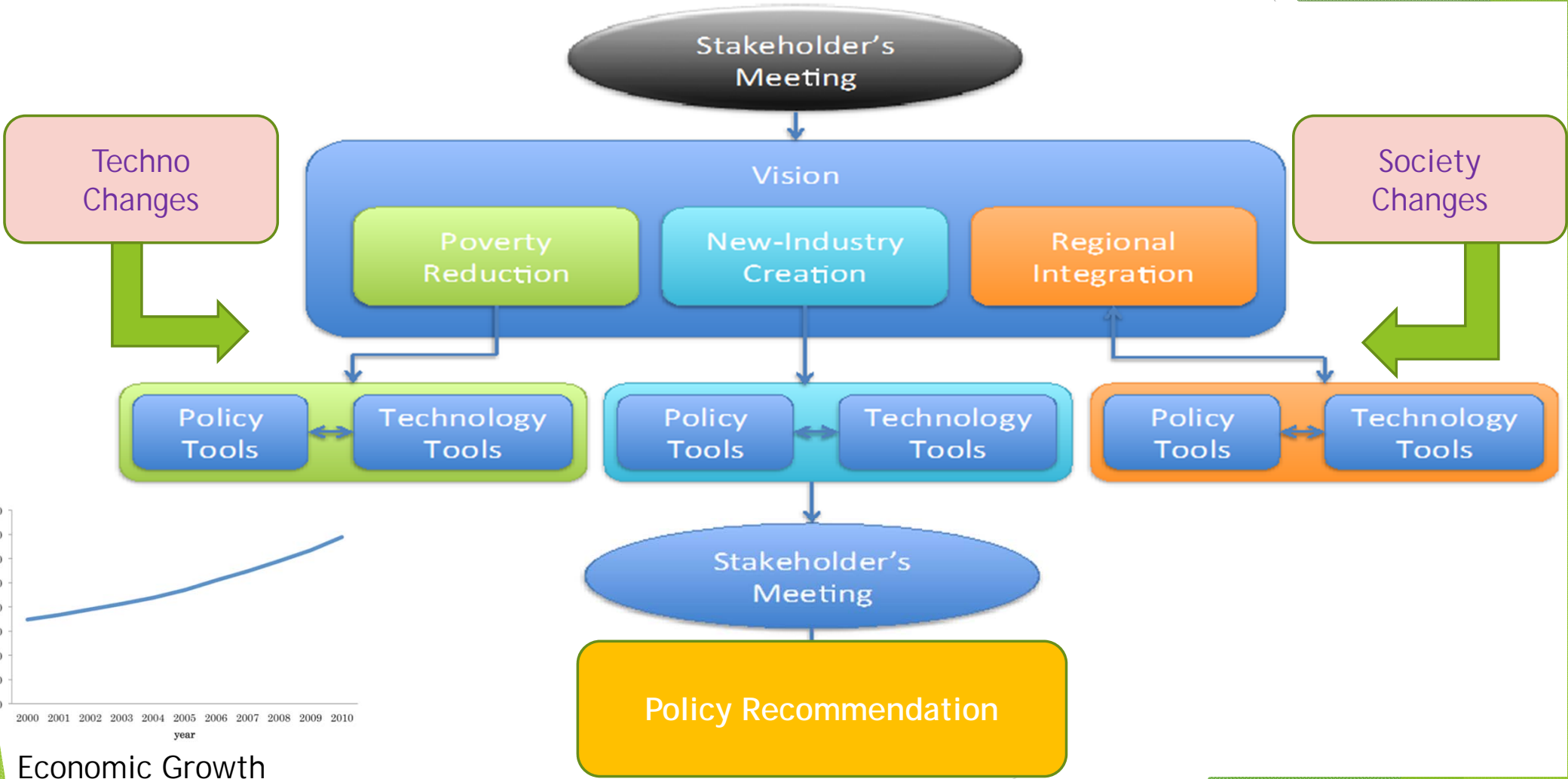
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Our experience in Lao PDR



Economic Growth

Major Visible Challenges of Myanmar in the Energy/Electricity Field

Short term:

- ▶ Stable supply of electricity
- ▶ Electricity tariff structure

Medium/Long term:

- ▶ Energy access/Electrification, particularly in rural area
- ▶ Investment
- ▶ Energy policy integration
- ▶ HRD

Project Overview

<On-Grid>

JICA's Electricity Master Plan

To improve electricity access

<Near Grid>

by expansion of the National grid

<Off-Grid>

by making best use of local resources and enhancing connectivity

<Border>

by building up connectivity with neighboring countries through power trade and FPI.

Bottom-up methodologies for research 2013-2014

1st stage Electricity demand forecast

Fieldwork

Possible power options, cost analysis, etc.

Possible small scaled renewable capacity development options, cost analysis, etc.

Myanmar's interest for power trade and FDI from Thailand, cost analysis, etc.

Case Study

(Good practices from GMS and lessons for Myanmar)

Good practices of renewables and IPPs from GMS lessons and conditions for success

Good practices of power trade and FDI from GMS, lessons and conditions for success

Connectivity development simulation among mini-grids

Possible decentralized connectivity options

Neighboring perspective
Thai actors' analysis

Objective view and potential Thai investors' / power traders' analysis

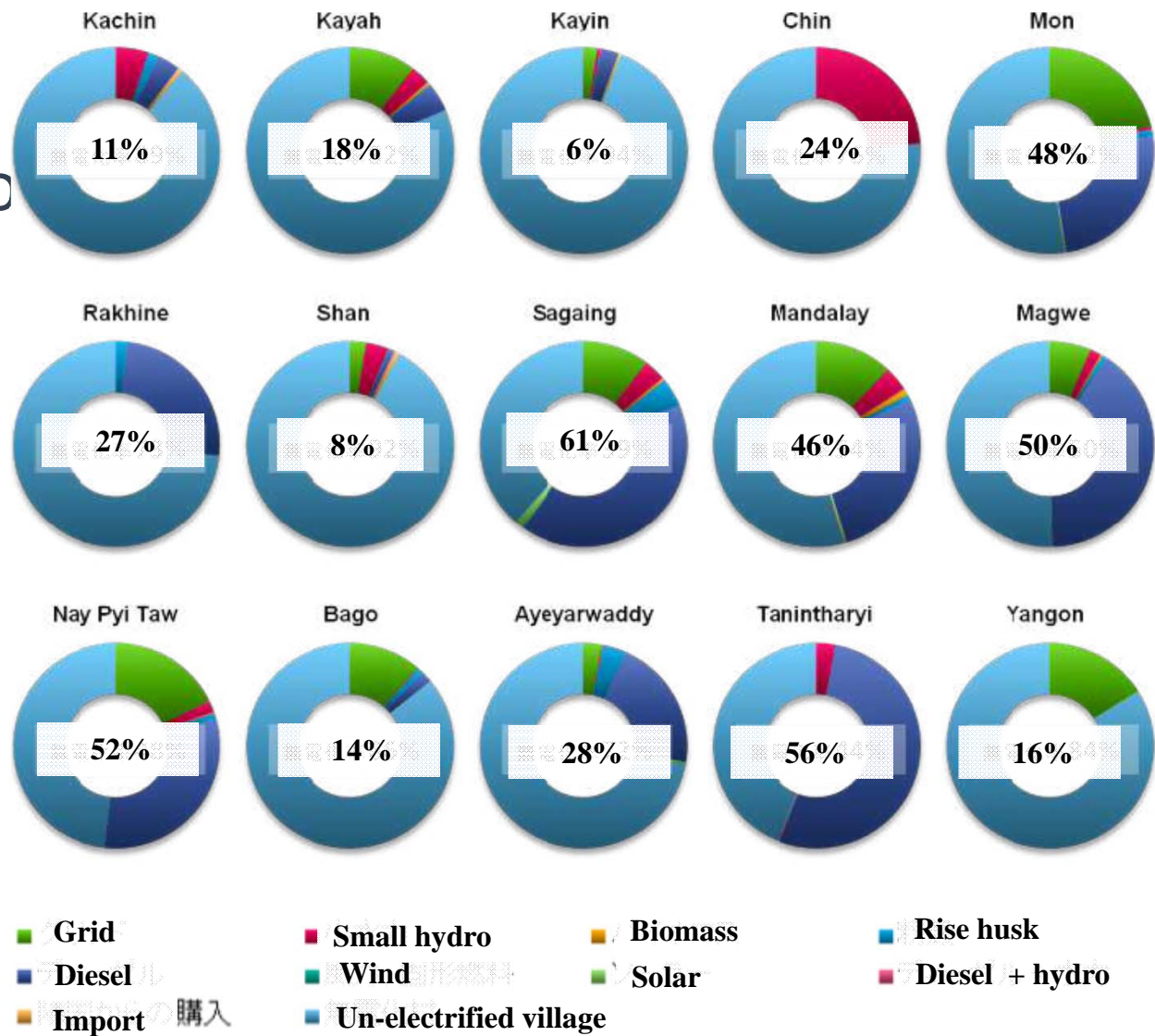
TODAY'S FOCUS

Integrated Energy Strategy

HRD/Capacity Building

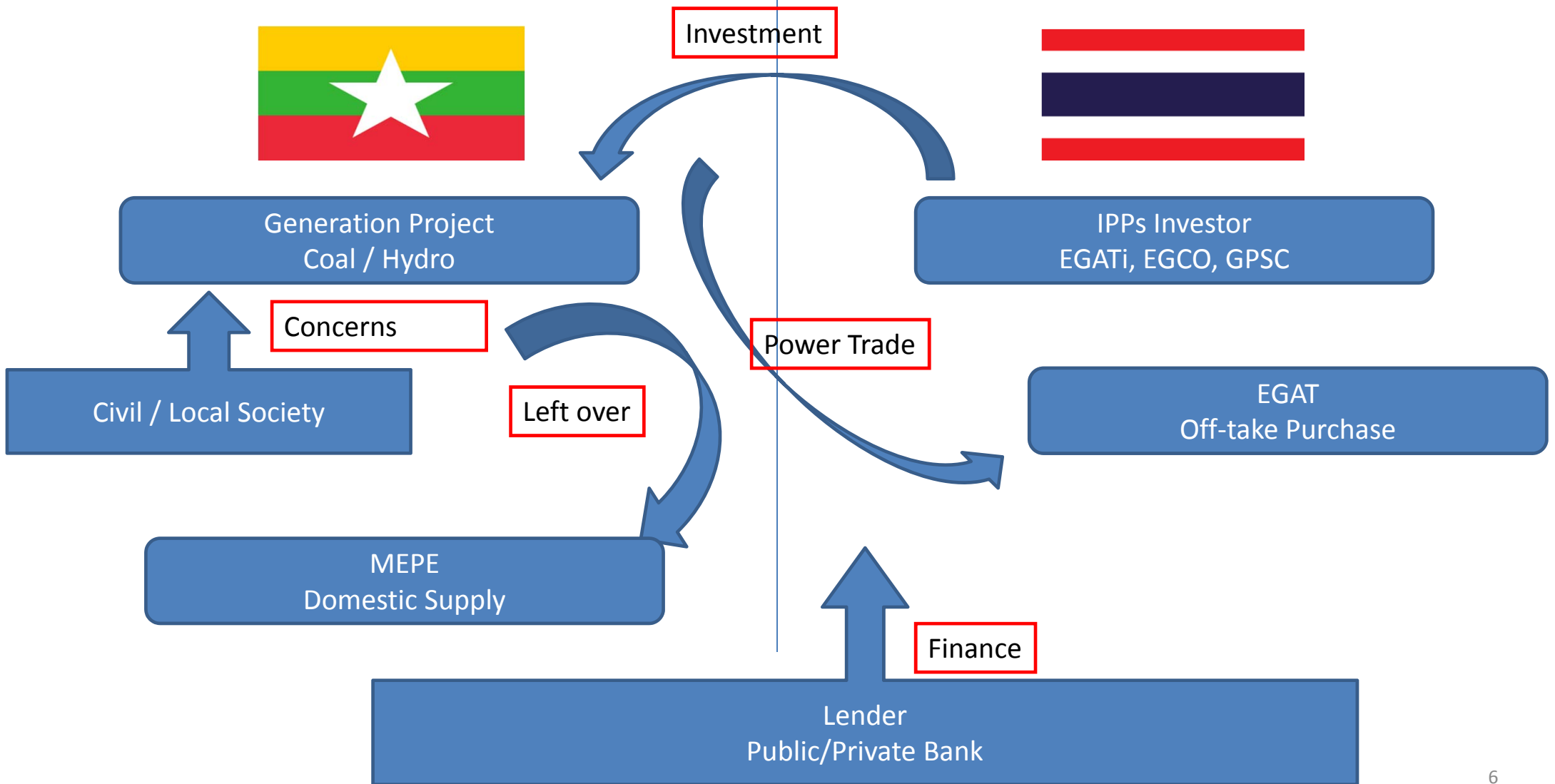
"National Energy Management Committee" has already been formed under the Vice President. Following up the success of Lao PDR, we will conduct "scenario-making" and prepare policy recommendations that will lead to an "integrated longer-term energy strategy" of Myanmar.

Village base electrification rate and electrification method



Source: Survey report by NEDO Japan Feb. 2013 prepared by MOEP data note; some figures in the table are not rational but applied as original tables

Neighboring Perspective



Approach

