

Narrative Scenario Development for Asian LCS

Mizuho Information and Research Institute

Tomoki Ehara, Go Hibino

Background and Objectives

Although scenario approach is a very powerful tools for decision making for policy makers or related stakeholders, one of the challenges for scenario study is to translate the assumptions and outputs from the models to those stakeholders appropriately. If the developed scenarios failed to translate the output, it would lead to inappropriate policy design.

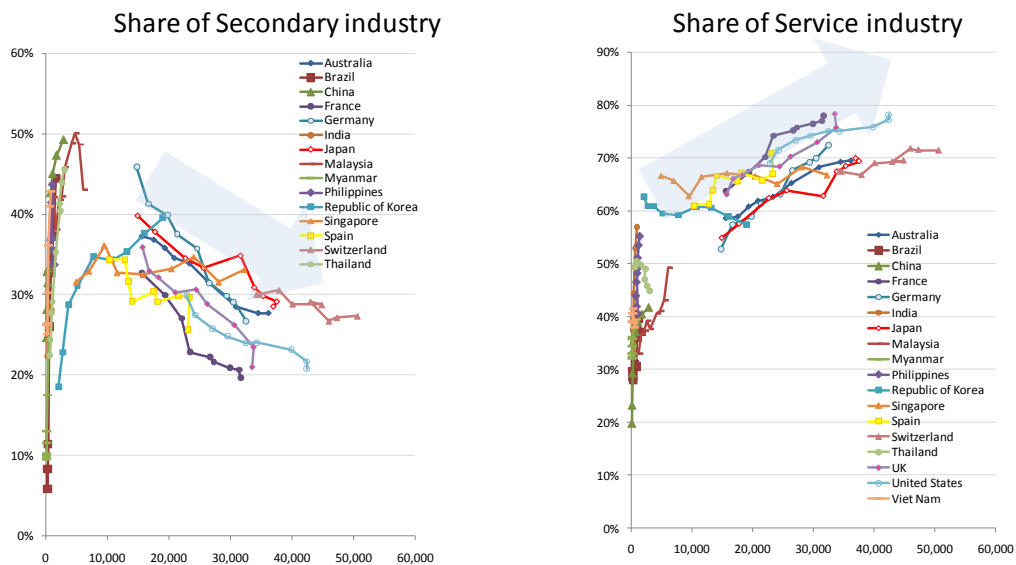
Narrative scenario is one of the effective approaches to enhance those communications since it interpret the output as a set of story. In this study, tentative results of narrative scenarios for Asian countries are introduced as well as newly developed approaches.

Approach

The framework of narrative scenario development includes four processes as follows

- *Trends analysis of key socio economic parameters*

Analysis on what has happened in the past would be a first step for the future projection. For the trend analysis, more than 450 literatures or policy documents are surveyed in detail as well as related statistical datasets. Gathered information is stored in the databases and utilize as a basic references for scenario development both for top-down and bottom-up approaches.



- *Review of national development Policies*

Policy intervention could be a driver for trend breaking. The impacts of each policy packages as well as numerical political target set by the central government will be an useful information for scenario parameter settings.

- *Scenario parameter settings/modeling*

From the trend analysis and featured policy in each countries, scenario parameters were set as a preliminary value. Consistency of those value would be evaluated by integrated models such as CGE

- *Comparative analysis of key parameters with existing studies/scenarios.*

The output of the scenario should be further assessed and discussed by comparing the output from existing studies or scenarios.

Preliminary Results and Future Plan

By applying the approaches above, narrative scenarios for India and China were developed. The narrative scenario shall be reviewed continuously after consultation from Asian scenario experts.