



The 7th AIM International Workshop
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National Institute for Environmental Studies, Tsukuba, Japan

Design of Environmental Innovation Strategies (1st Draft)

AIM Project Team



Objectives

to incorporate innovations into the fundamental policies for Asia Pacific countries covering the fields of economy/industry, science/technology, national land utilization, social infrastructure improvement, and international cooperation among other areas

Scope

- (1) While giving some considerations to the global scale issues, the strategies will focus on **the individual countries of, and the whole of the Asia-Pacific region** instead of the issues to be addressed by local governments, private companies, and homes.
- (2) For the time being, the strategies will focus on **global environmental issues** including global warming. Subsequently, they will also cover the **domestic environmental issues that should be considered connected** with global scale issues, and **domestic environmental issues in developing countries**.
- (3) The strategies can be positioned as **fundamental issues for the Asia-Pacific region aimed at the 21st century**. These strategies have never been focused upon as environmental measures to date.

A: Activation of New Environmental Markets

= Introduction of new vitality through markets and changes to economic systems

A1: Development of Environmental Industries
A2: Shift to Sustainable Consumption
A3: Creation of Environmental Financial Markets
A4: Greening of Markets

B: Research and Development of New Environmental Technologies

= Fund and brain investment in the new technology paradigm

B1: Assistance for the Development and Popularization of Zero emissions technologies
B2: Assistance for the Development and Popularization of Resource/Energy Saving Technologies
B3: Assistance for the Development and Popularization of Environment-friendly Information Technologies
B4: Assistance for the Development and Popularization of Environment-friendly Biotechnology
B5: Assistance for the Development and Popularization of Environment-preserving Nanotechnology

C: Introduction of National Land Conservation Strategies

= More efficient national land conservation and globalization of national land policies

C1: Comprehensive Control of Ecosystems
C2: New Investments in Agriculture, Forestry, and Fisheries
C3: Development of New Combined Transportation Systems
C4: Compact cities and decentralization

D: Development of New Environmental Infrastructures

= Development of new infrastructures for shift to environment-friendly social systems

D1: Development of Cross-enterprise Infrastructures
D2: Development of Cross-area Infrastructures
D3: Development of Cross-country Infrastructures

E: Establishment of a new international cooperation system

= Establishment of an Asia-Pacific environmental community and enhancement of international cooperation in innovation

E1: Crystallization of Asia-Pacific Environmental Community Concept
E2: Implementation of International Joint Promotion Project for Environmental Innovation Strategies
E3: Promotion of International Joint Research on Environmental Innovation Strategies

Diagram 1: Organization of Asia-Pacific Environmental Innovation Strategies

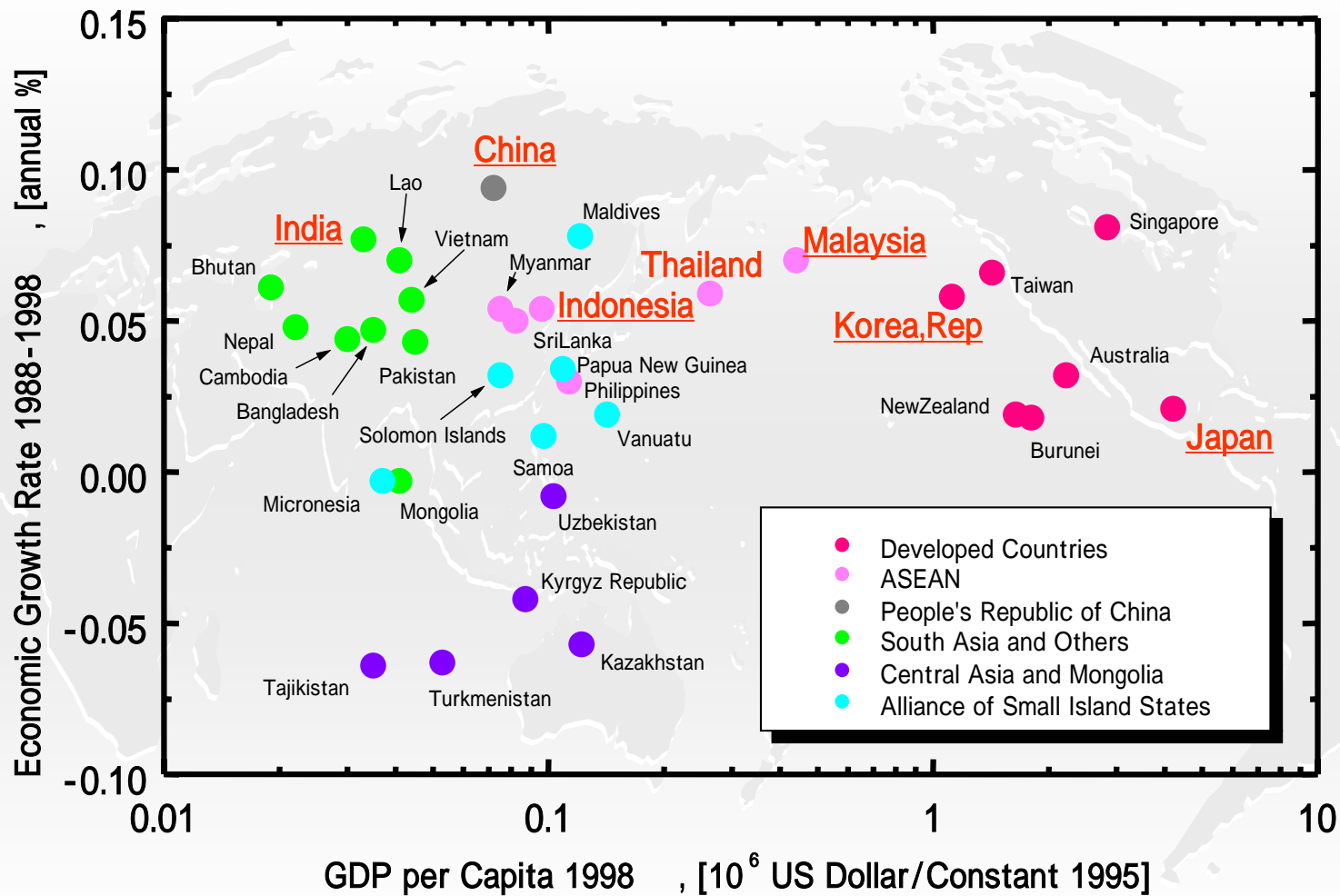


Diagram 2: Draft Proposal for Grouping Asia-Pacific Countries

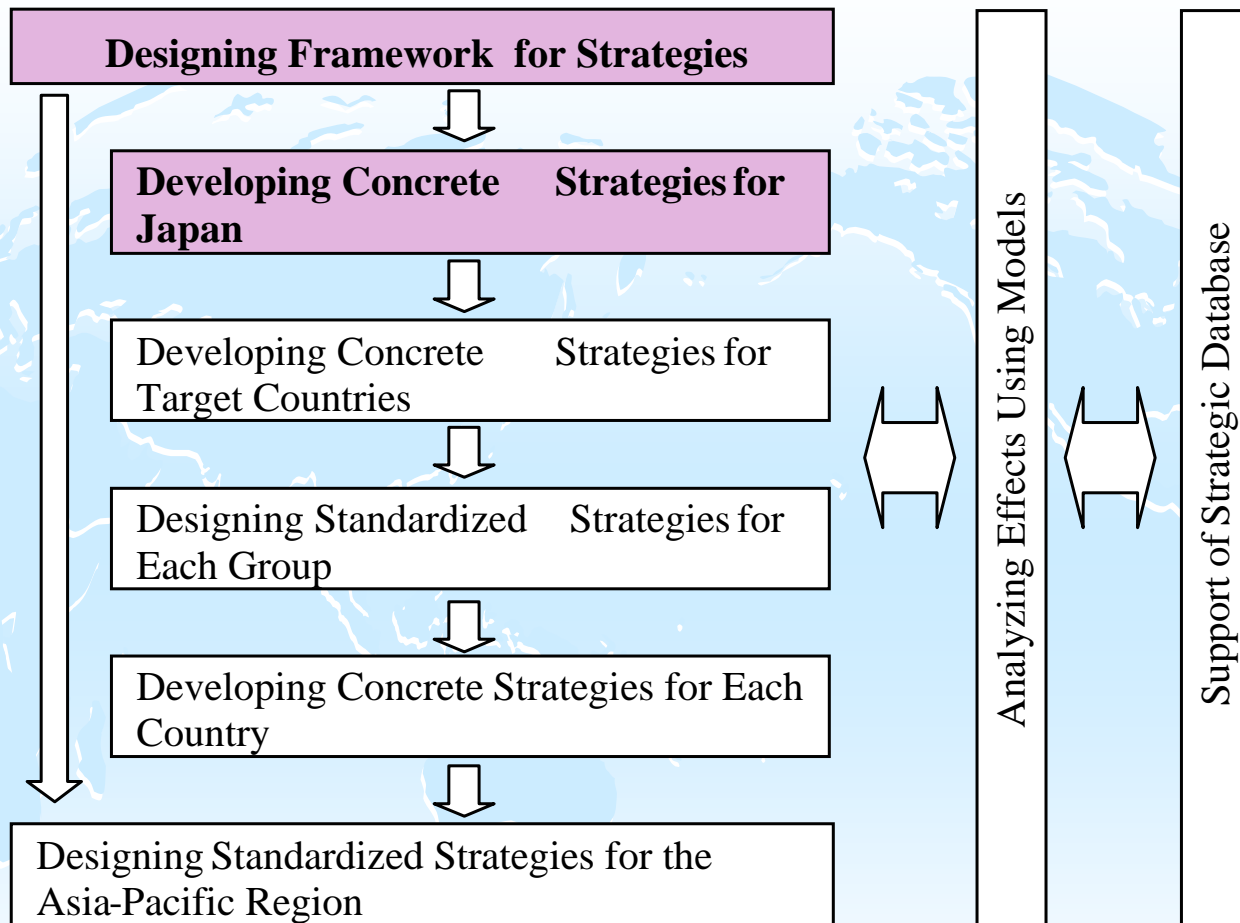


Diagram 3: Steps for Making the Strategies Concrete

Main Points of Discussion

- **Applicability of the framework** to China, India, Korea, Malaysia, Thailand, and other countries in the Asia-Pacific region.
- **Additional categories** to be included in the framework
- **Priority** of categories for each country
- **Feasibility to design detailed** strategies for each countries
- **Linkage** between strategies and **modeling**