



**Asia-Pacific
Environmental Innovation Strategy Project**

APEIS Project

Recent Progress and Future

AIM Workshop 2005

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What is APEIS?

Asia Pacific Environmental Innovation Strategy Project

-Registered as Type II Partnership Initiative at WSSD

How to achieve innovation?

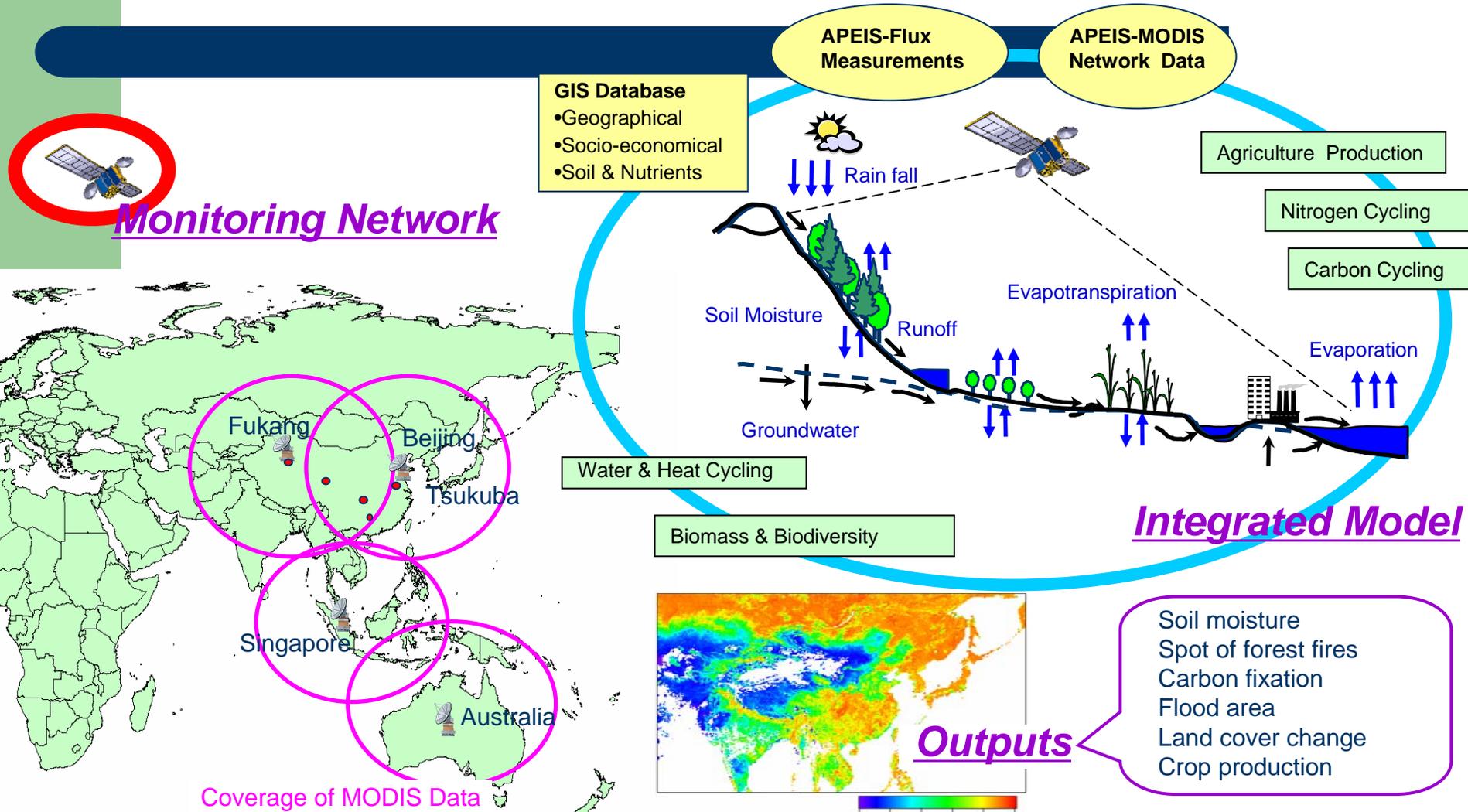
- ① providing scientific tools and policy options
- ② promoting capacity building of experts
- ③ promoting outreach activities

IEM- Integrated Environmental Monitoring



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IEM has been developing an integrated monitoring system to detect and monitor environmental disasters and degradation of natural resources such as floods, droughts, dust storms, forest fires, air and water pollution, and desertification. It also assesses ecosystem services such as water, heat, and carbon cycling, biodiversity and food production in the Asia-Pacific region

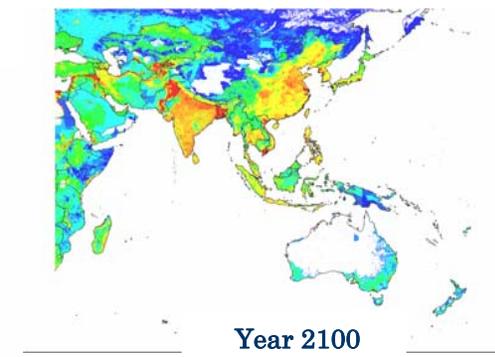
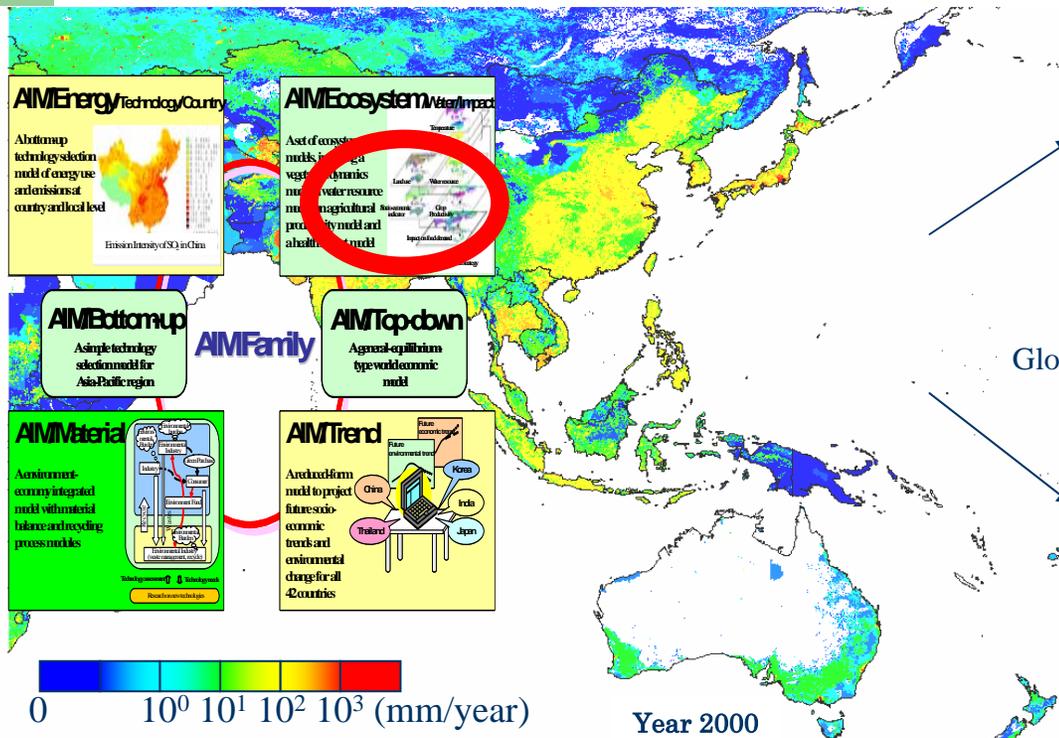


IEA-Integrated Environmental Assessment

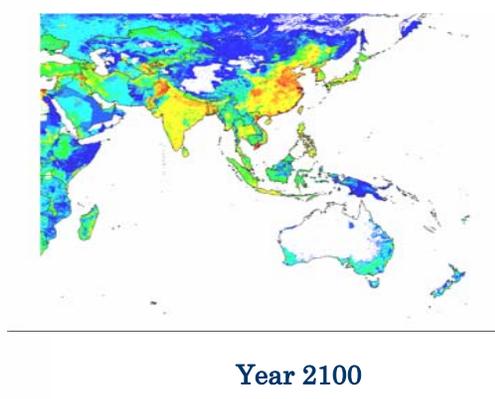
IEA has been developing the Asia-Pacific Integrated Model (AIM), which is a set of integrated socioeconomic models to predict future states in the Asia-Pacific region relevant to sustainable development (e.g., energy, CO₂, impacts on water resources, and material balances). IEA has also been developing a strategic database providing data for the AIM models and to RISPO to facilitate policy research.

Regionally Divided Economic Oriented Society

Estimation of Water Withdrawal Under Different Long-term Scenarios



Global Environment-Economic Harmonization Society



RISPO-Research on Innovative and Strategic Policy Options

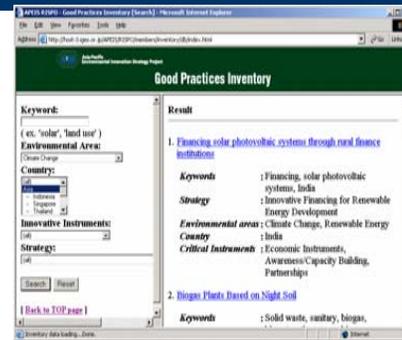
RISPO has been developing the *Good Practices Inventory (GPI)*, an inventory of local, national, and trans-national activities that contribute to sustainable development in the Asia-Pacific region. RISPO has been using the GPI to make *Strategic Policy Options*, packages to help decision-making on sustainable development policy in the region.

8 Sub-themes

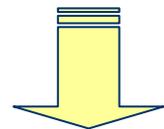
Good Practices Inventory

About 100 cases have been analyzed and listed

	Innovative financing for renewable energy development
	Creation of inter-boundary markets for recyclable materials
	Improving environmental performance of small and medium-sized enterprises (SMEs)
	Facilitating community-based tourism in protected areas
	Promoting environmental education by NGOs
	Promoting local/indigenous knowledge-based sustainable resource management
	Development of environmentally sustainable transport systems in urban areas
	Promotion of biomass energy

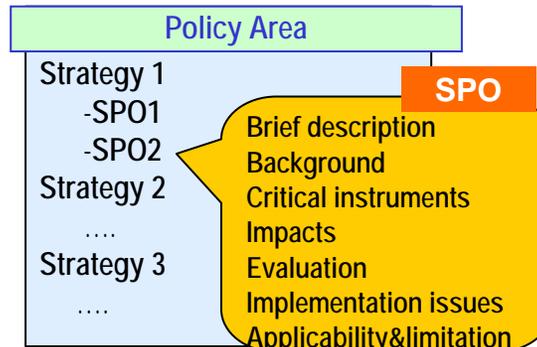


<http://www.iges.or.jp/APEIS/RISPO>



Analysis

Strategic Policy Options



A local initiative to utilise economically and environmentally viable indigenous knowledge and practices in coastal resource management (lower central Thailand)



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APEIS Major Progress

-1. Expansion of networks

**Expanded Participating Countries,
Extended Partnerships with international initiatives**

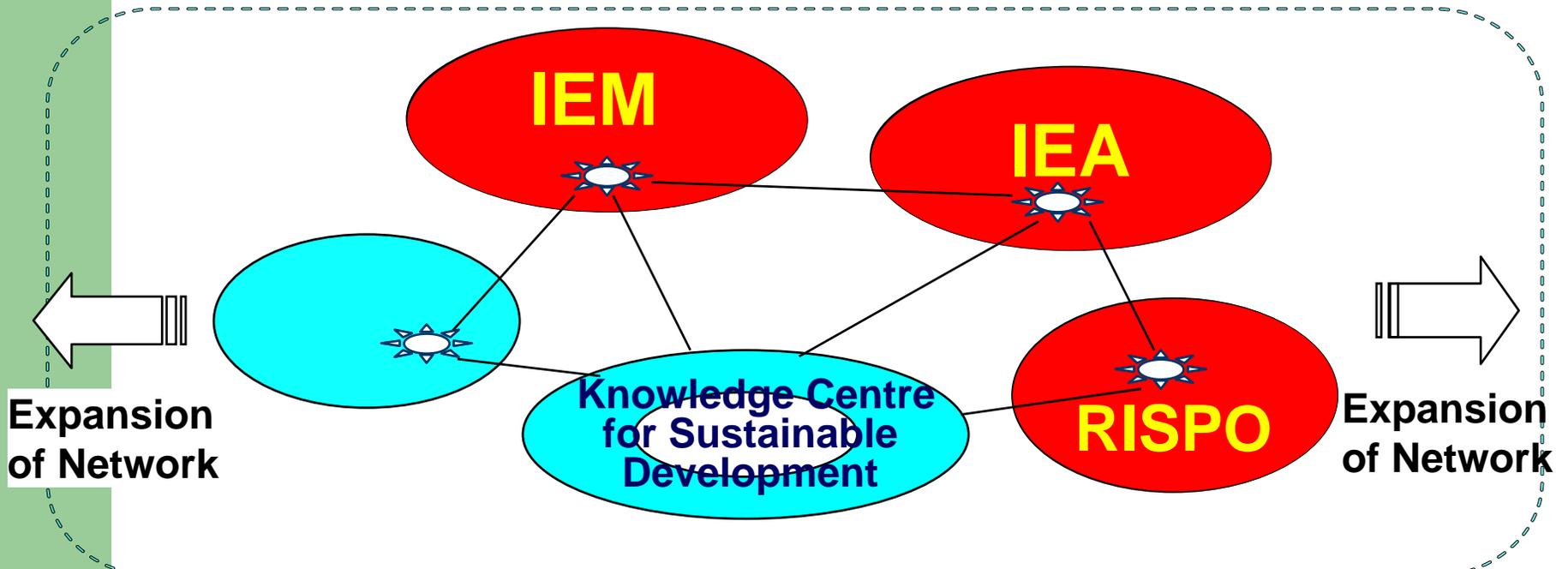
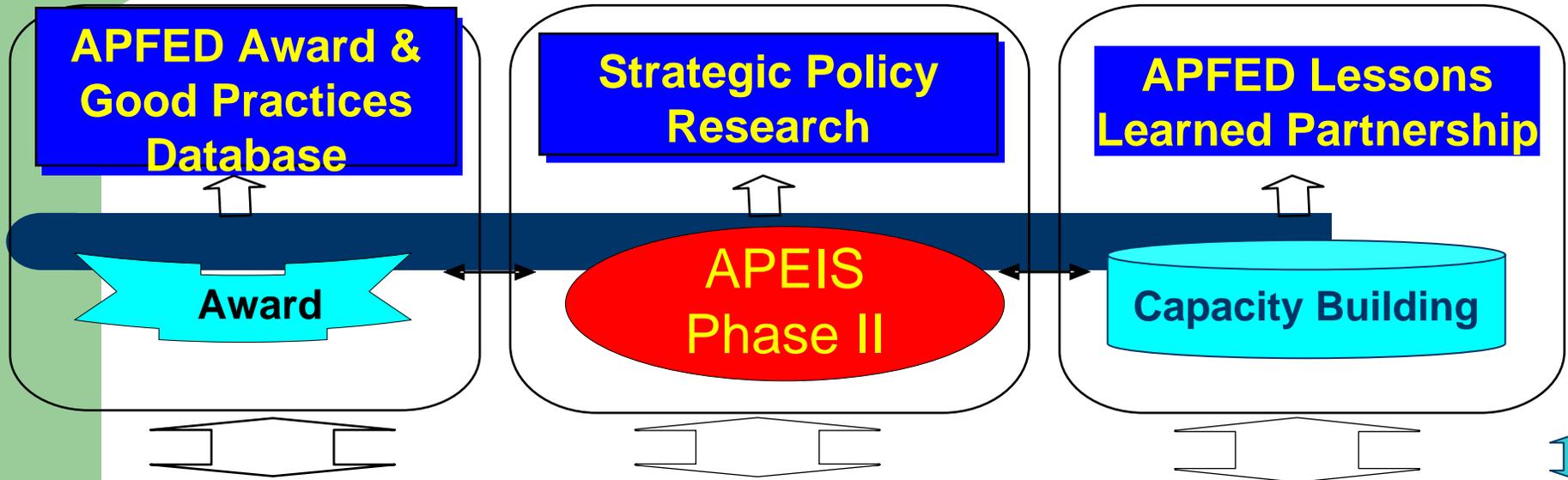
-2. Mutual benefits from innovation

IEM: Ecosystem monitoring with the latest monitoring technology

IEA: Projection with the latest modeling

RISPO: Innovative environmental policy options (Economic instrument to

For the Future APEIS -Synergies with APFED- II





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Thank you

[/http://www.ecoasia.org/APEIS/](http://www.ecoasia.org/APEIS/)