

The 10th AIM International Workshop
10-12 March 2005
NIES, Tsukuba, Japan



Activities of APEIS IEA in FY 2004

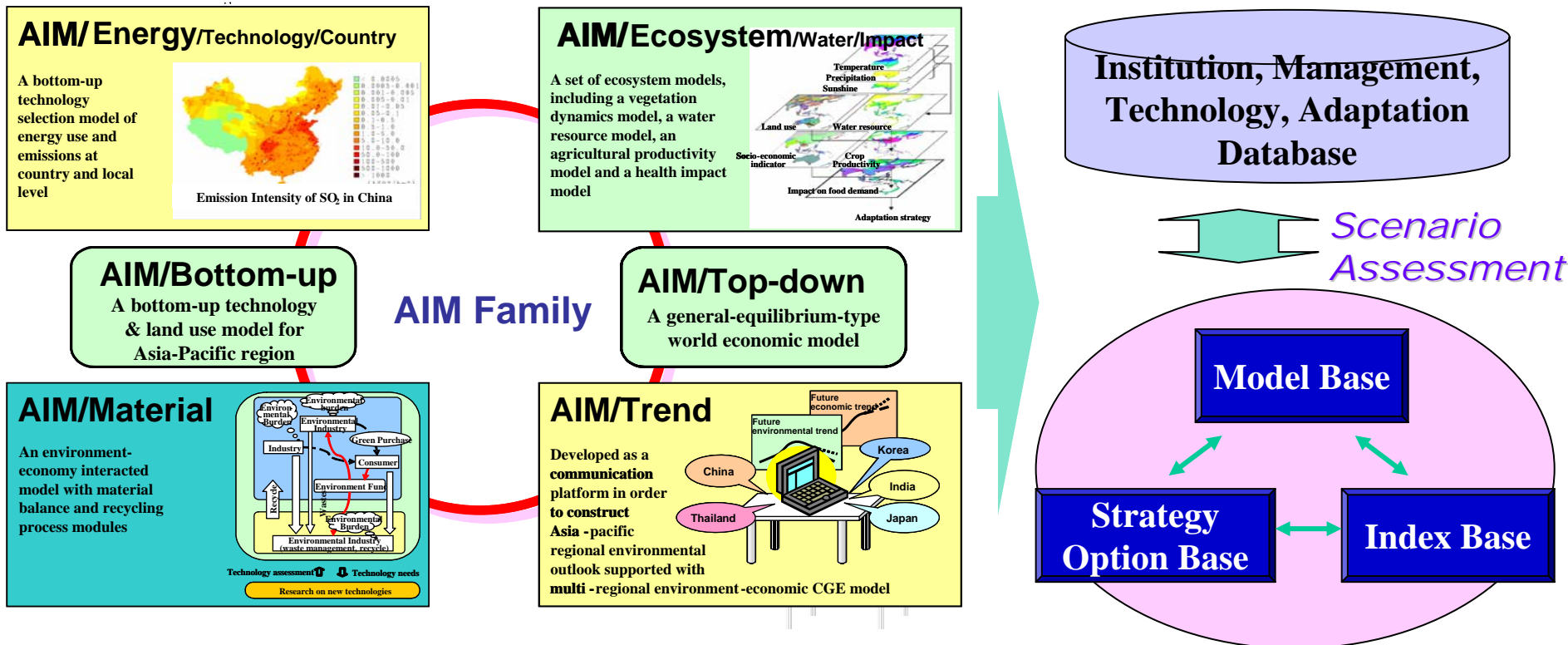
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National Institute for Environmental Studies

Integrated Environmental Assessment (IEA)

AIM Model Development for APEIS

Strategic database



Main objectives in FY2004

- Revising the AIM/Emission and AIM/Material model to estimate the economic impacts of environmental policies
- Revising the AIM/Ecosystem model to analyze the strategies for sustainable development
- Developing strategic database to support the assessment of innovation strategies
- Holding training workshop to support the modeling activities in China, India, Korea and Thailand

Environmental Innovation Strategies & Strategic Database

Environmental Innovation Strategies

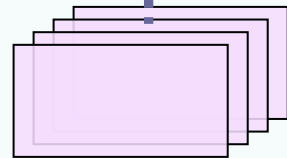
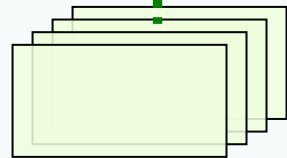
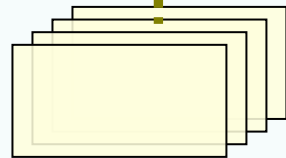
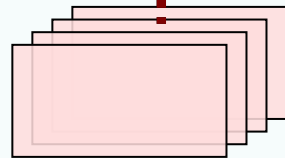
A: Activation of New Environmental Markets

B: Research and Development of New Environmental Technologies

C: Introduction of National Land Conservation Strategies

D: Development of New Environmental Infrastructures

E: Establishment of New International Cooperation System



Environmental Innovation Options = Technology, Infrastructure, Institution, Management Options

SDB Engine (SDBE)

Energy system

Water system

Waste system

Assessment section = Total flow system from upstream to down stream

Industry

Transportation

Residential

Agriculture

Assessment section = Actors

Drivers / Counter-measure Scenario

Strategic Database (SDB)

AIM Models
AIM/Material etc.

Development of Strategic Database



Bicycle Lane

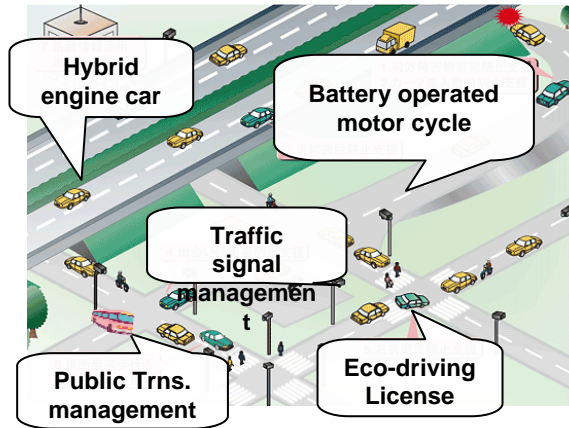


Illustration with environmental options

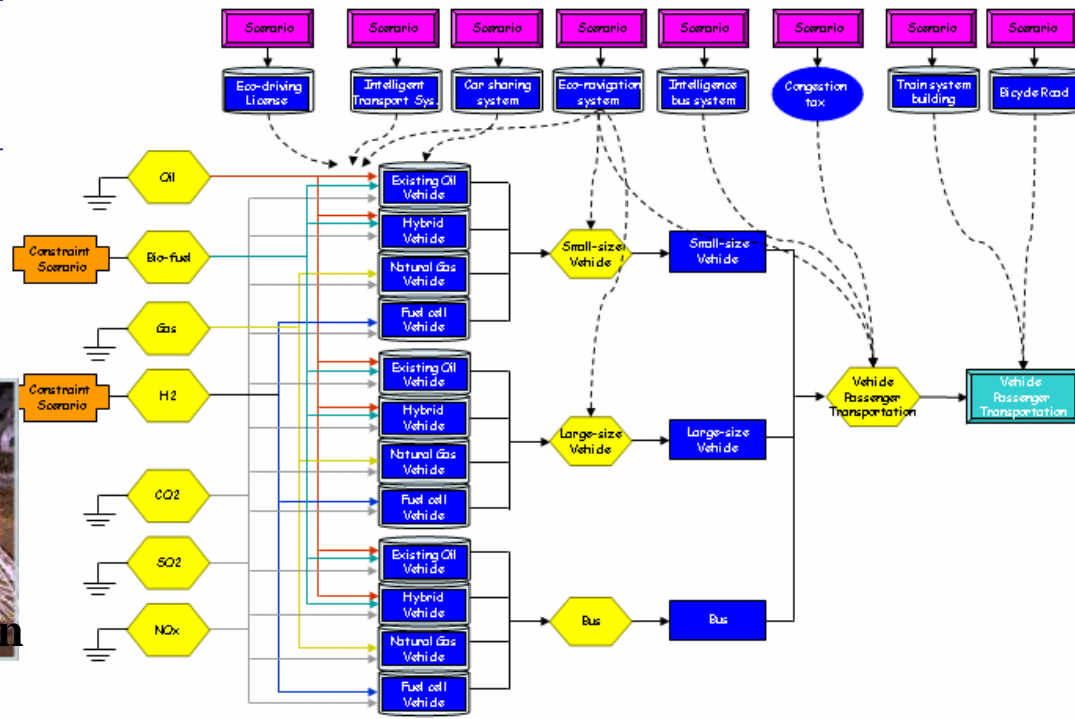
Diagram of environmental options



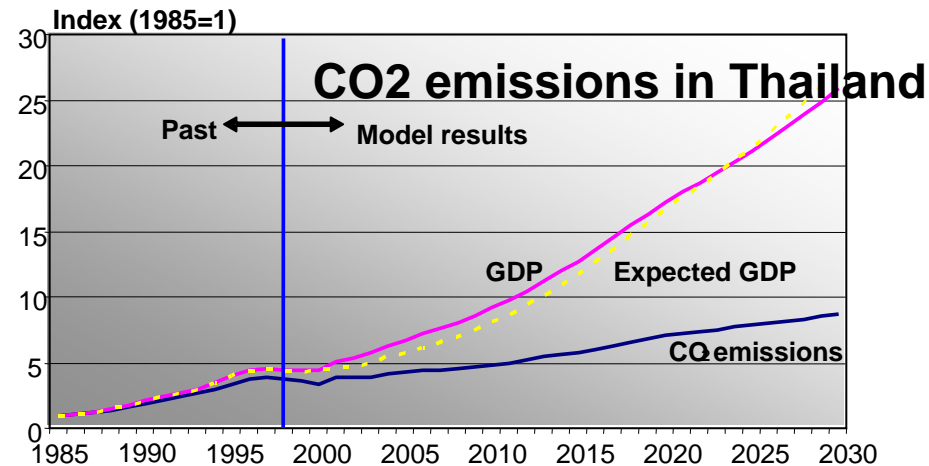
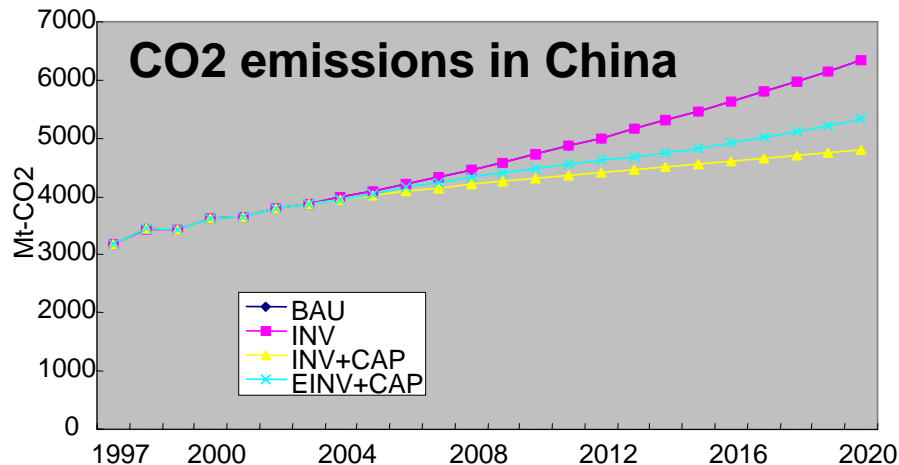
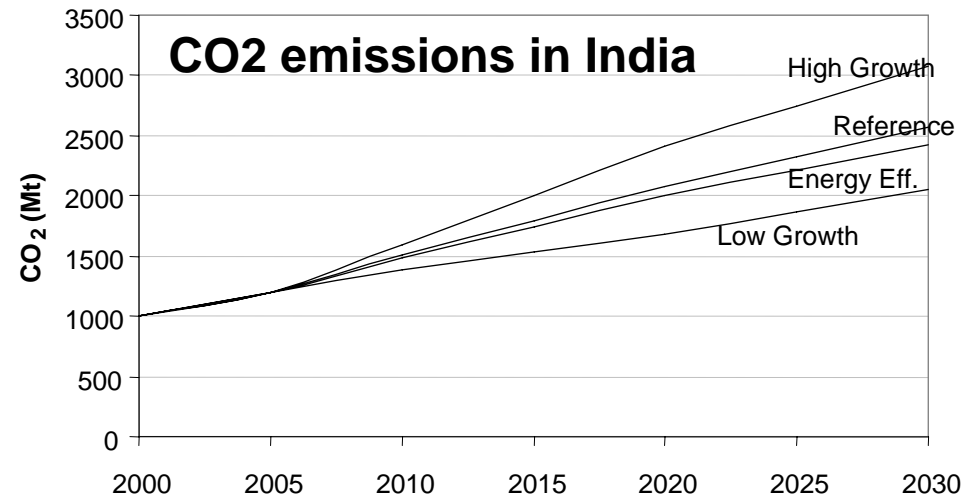
Battery-operated cycle-rickshaws



Battery operated pollution free Motor Cycle



Training Workshop on AIM/Material model





**Asia-Pacific
Environmental Innovation Strategy Project**

Thank you !

Integrated Environmental Assessment Sub-project

<http://www.ecoasia.org/APEIS/iea/index.html>

<http://www-iam.nies.go.jp/aim/apeis/>