Plenary session 2: Modeling

• Main models of AIM project and their application to GHG mitigation policies in Japan
  – Japan Roadmap
  – AIM/Enduse and Element models
  – AIM/CGE for global and country analysis

• Application of models to environmental protection scenarios
  – Scenarios for the control of ozone precursors in China
  – A Case Study of Dalian City, China
  – LCS activities in Brazil
  – LCS scenario in Bhopal, India
Overall of AIM

Emission Model
- carbon tax
- IPCC/WG3

Account model
Enduse model
Economic model
mid-term target
low carbon scenario

Simple Climate Model
- long-term vision
- IPCC/WG3
- temperature

Impact/Adaptation Model
- IPCC/WG2
- feedback
- adaptation

Other Models
- Population
- Transportation
- Residential
- Burden share
- Stock-flow
- Accounting
- Agriculture
- Water
- Human health

AIM/Impact [Policy]

IPCC/integrated scenario

mid-term target
sequential dynamics
dynamic optimization

Future society

GHG emissions
IPCC/WG3
IPCC/WG2