

Review of TPM Activities and Collaboration in the Future

Review of research priorities for
possible joint projects

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Research Areas of Cooperation

Fresh Water Pollution

Transboundary Air Pollution

Urban Air Pollution/Vehicle Exhaust

Dust and Sand Storm

Hazardous Chemical Pollutants

Migrating Bird and Wetland

Climate Change

Solid Waste

- **Fresh Water Pollution**

- **Integrative Research for Circular Economy related to Fresh Water Pollution**
- **Later discussion**

- **Transboundary Air Pollution**

- The 11th Expert Meeting for Long-range Transboundary Air Pollutants in Northeast Asia, and the 11th Working Group and the 10th Sub-working Group Meeting – held in Korea, November 2008
- Comments from NIER, Korea

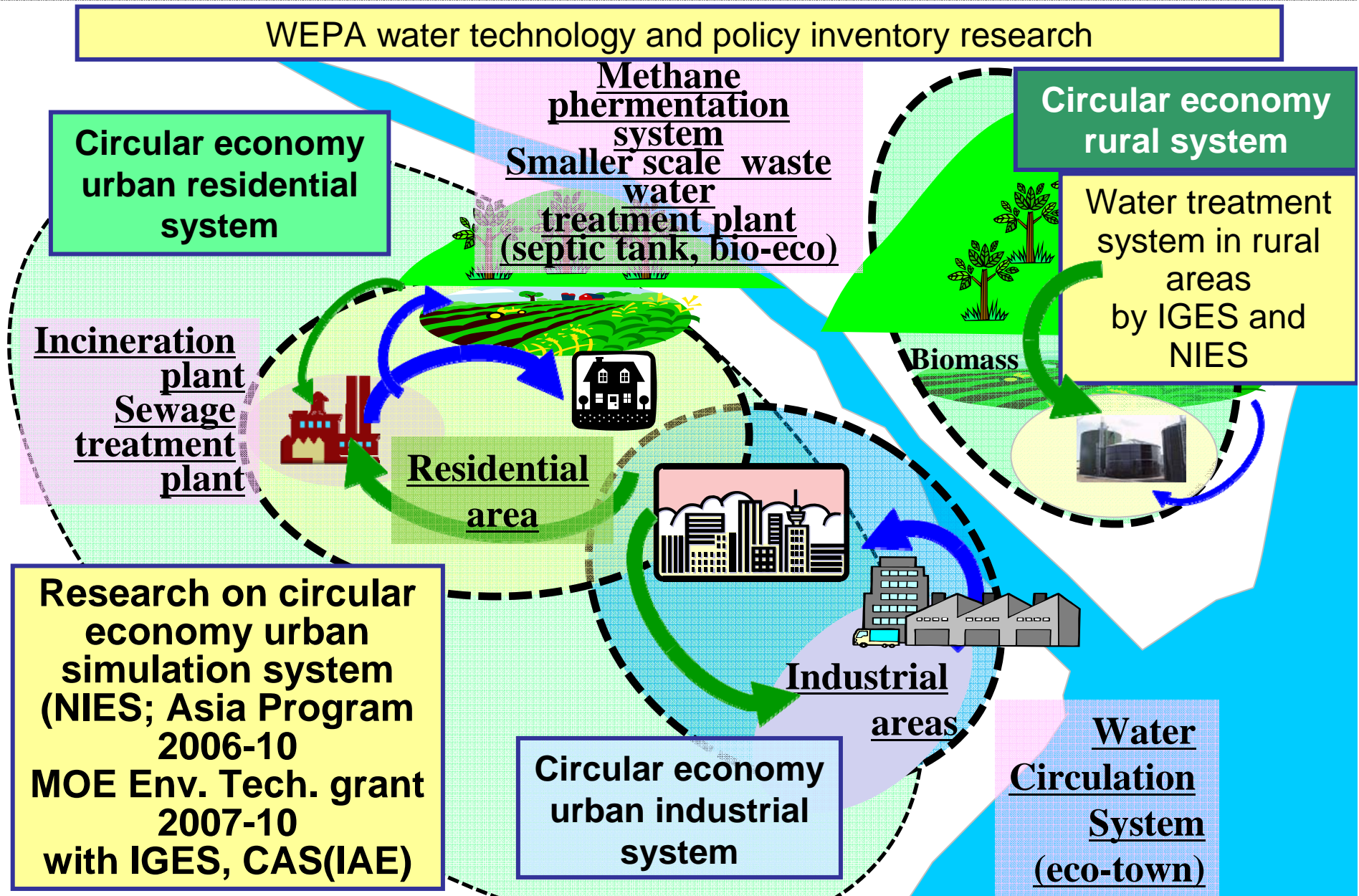
- **Urban Air Pollution/Vehicle Exhaust**

- Proposal about collaborative works on urban air quality research from NIES
- Chengdu; earthquake

- **Dust and Sand Storm**

- Plan is being developed by CRAES

Integrative Research for Circular Economy related to fresh water pollution



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Chairperson's Summary

The 11th Expert Meeting for Long-range Transboundary Air Pollutants in Northeast Asia

- The 11th Working Group and the 10th Sub-working Group Meeting -
November 11~13, 2008

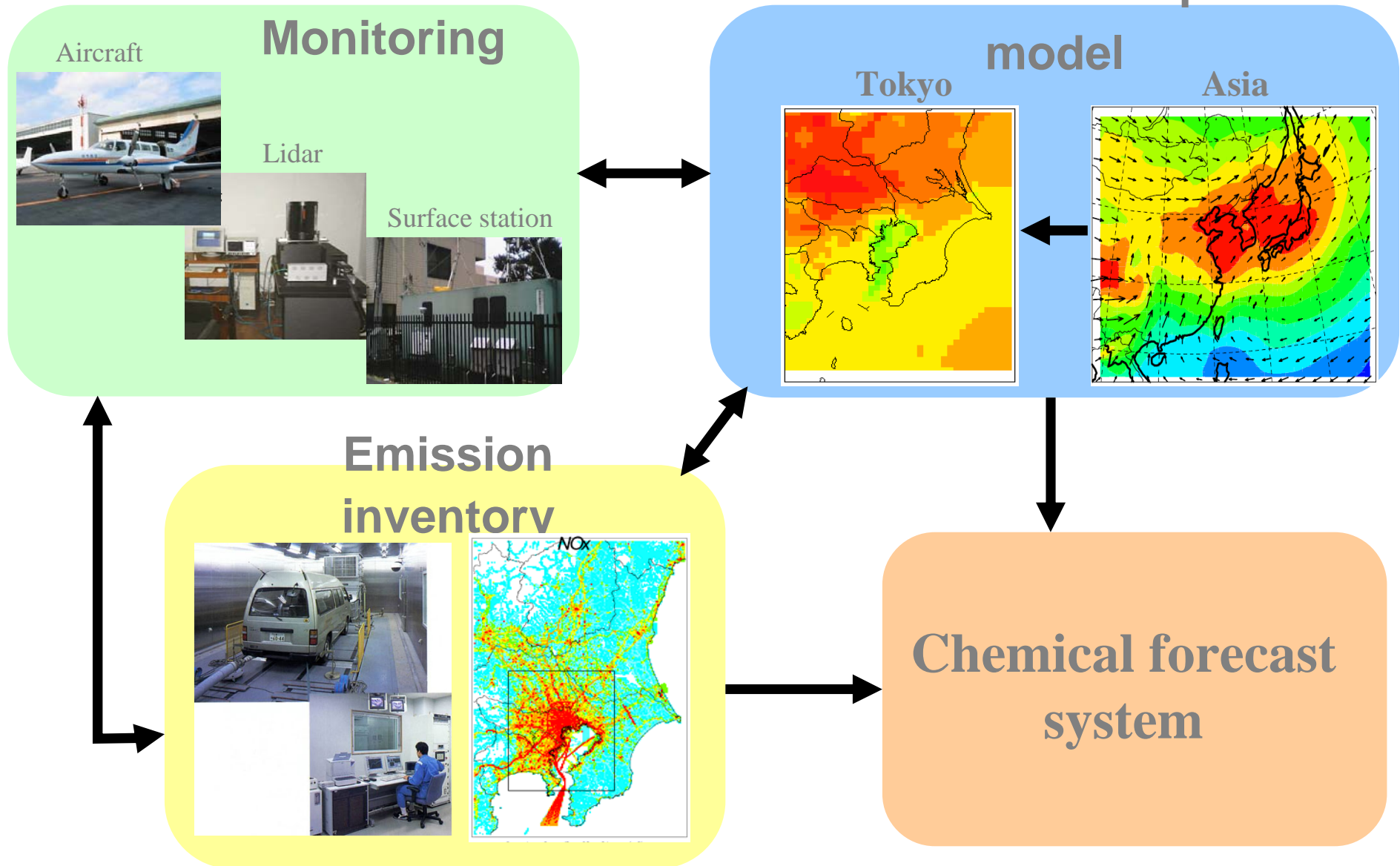
Incheon, Republic of Korea

- 1. The 11th Expert Meeting for Long-range Transboundary Air Pollutants in Northeast Asia, organized by the National Institute of Environmental Research of Korea, was held in Incheon, Korea from 11 to 13 November, 2008. The meeting was attended by the Working Group and Sub-Working Group experts from China, Japan and Korea. The delegates elected Dr. Shang-Gyoo Shim (Korea) as chairperson of the Working Group and Dr. Shiro Hatakeyama (Japan, Monitoring Sub-Working Group) and Dr. Fan Meng (China, Modeling Sub-working Group) as chairpersons of the Sub-Working Groups.
- 2. The Secretariat reported the achievement of the LTP project and the activities of the Secretariat. The Secretariat also mentioned the items of intensive discussions of the LTP meeting for this year.
- 3. The participants from each country presented their national reports on monitoring and modeling. As for the monitoring, the Chinese, Japanese and Korean delegates introduced long-term and intensive monitoring results.....

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Urban air quality research in NIES

Concept: Linkage of monitoring, modeling and inventories



Proposal about collaborative works on urban air quality research

- Monitoring
exchange of monitoring data
- Emission inventory
exchange of methodology and key
parameters (activity data & emission factors)
- Model
intercomparison of air quality model

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- **Hazardous Chemical Pollutants**
 - PWS in tomorrow
- **Migrating Bird and Wetland**
 - ??? Avian Flu, WNF, Endangered
 - Wetland conservation
- ***Climate Change***
 - Prediction, Effect, Mitigation/Adaptation
 - Focus???
- ***Solid Waste***
 - Hardware (Treatment, Disposal)
 - Software/System (3R, Import/Export)