

**Kitakyushu Initiative Seminar on Urban Air Quality Management**  
(20-21 February 2003, Bangkok, Thailand)

**Written Paper**

The written paper and Powerpoint slides should be sent to IGES<sup>1</sup> in electronic form by **12 February 2003**.

\*\*\*\*\*

**Written Paper (English)**  
(Paper length should be 6-12 pages)

The following outline is provided to you for assistance in writing your paper and can be used as a reference guide. In principle, the paper should be 6-to-12 pages in length.

Your paper will be distributed to participants at the seminar. Pamphlets, existing studies, and additional information are also welcome (approximately 30 participants are expected.). Photos, maps, tables, and diagrams can also be included in the paper to further illustrate the Municipality's activities in the area of urban air quality management.

Presenters of successful practices in this sector can choose to present information on transportation-related AND/OR industry and construction-related air pollution issues. If the Municipality wishes to present information on both topics, an increase in pages is welcome.

The written paper will be included in the meeting proceedings following the conclusion of the Seminar.

**Oral Presentation (English)**  
**10-15 minutes, 10 minutes Q&A**

The **oral presentation** (10-15 minutes) in English will be based on your written paper, followed by a question and answer session (10 minutes). Time allocations may change depending on the number of speakers.

**SUGGESTION:**

Because time is limited for presentations, speakers are requested to present key points that could be addressed during discussions. If presenters will be using Powerpoint slides, it is suggested that only 5-8 slides be prepared, as speakers normally use 2-3 minutes per slide.

\*\*\*\*\*

---

<sup>1</sup> Contact: (E-mail) cpearson@iges.or.jp, (Fax) +81-93-513-3712

The Seminar will cover three major areas:

- (1) Existing situations in cities, including major pollution sources, impacts from pollution, and management capacity of the local governments
- (2) Policy enforcement, in particular from the local governmental viewpoint, public awareness and political will; and
- (3) Successful practices and challenges: How to improve the role and capacity of local governments for effective and efficient air quality management, including specific policies or actions that contributed to improvements in air quality, as well as problems to be addressed and possible future solutions.

### **1. General Introduction of Municipality (1 to 2 pages)**

Information providing a general overview of the Municipality can be presented in this section. Ideas for contents can include the following.

- (1) City characteristics (Population, overall economic activity of the city, commercial and industrial structure, demographics, geographic (maps), socioeconomic, other)
- (2) Main features of the Municipality
  - (a) Organizational structure of local government, including departmental duties, etc. Details regarding the organizational structure of departments responsible for the different aspects of urban air quality management and control (planning, executing, enforcement, coordination, monitoring, other)
  - (b) Financial structure (for example):
    - (i) Overall income (from local government, national government, subsidies, etc.)
    - (ii) Overall expenditures (per sector)
    - (iii) Expenditures for air quality management (infrastructure, personnel, equipment, management fees, etc.)
  - (c) Air quality situation, including source of pollution (industrial, transportation, households, other)  
Level of pollution, if available (can also include data on levels of CO, HC, NO<sub>x</sub>, SO<sub>x</sub>, CO<sub>2</sub>, PM/TSP/SPM/dust, other)
  - (d) Existing legislation, regulations, standards for pollutants (including stationary and non-stationary sources), other
  - (e) Management capacity: air quality monitoring systems, institutional capacity (role of local and national governments), enforcement capabilities (jurisdiction over planning, implementation, enforcement, coordination, monitoring, other)

### **2. Sectoral perspectives (2-4 pages)**

Participants may wish to address one OR both of the following points:

- (1) Major sources of air pollution in transportation: vehicle types and pollutants, past trends of vehicles and pollutants, major concerns in transportation sector for air pollution control, effectiveness of legislation, compliance. What is the situation of clean vehicles, clean/alternative fuel and congestion, public versus private transportation in your Municipality? Information on the efforts of the local and national government in combating air pollution from the transportation sector should also be included.
- (2) Major sources of air pollution from industries and construction: Contribution of type of industries, amount of emissions, trends, role of technology, fuel substitution. Information on the efforts of the local and national government in combating air pollution from the transportation sector should also be included.

### **3. Improving the capacity of local governments in urban air quality management: Successful experiences, problems/constraints, and future directions (2-4 pages)**

Information provided in this section can provide information on successful experiences, problems/constraints and future directions in urban air quality management. Ideas on contents may include:

- (1) Detailed information on one or two projects (past, current or future) by sector (transportation or industry) or by pollutant type. Information that could be included is as follows:
  - (a) Driving forces (why specific action was selected?)
  - (b) Development process of project: How project(s) were carried out (step-by-step)?  
This can also include difficulties faced, as well as points that worked well.
  - (c) Enforcement and monitoring, including necessary laws and regulations
  - (d) Role of institutions (national government, local government, private businesses, residents)
  - (e) Achievements (quantitatively and/or qualitatively)

#### **4. General Conclusions (1-2 pages)**

This section can make a summary of the above points and include more information, such as:

- (1) How do you think your activities can be replicated in other parts of your city or other cities in your country?
- (2) How will your Municipality overcome existing and/or future problems? (This may also include scenarios where municipalities have to achieve goals by using their own resources.)
- (3) What lessons has your Municipality learned from its experiences, both successes and failures?
- (4) What do you think could be major areas of cooperation between Kitakyushu Initiative Network cities under this topic (i.e. technical know-how, regulations, other)?