Health Data for Environmental Health Impact Assessment:

Lesson learned from Rayong Case

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Rationale

- First time that EHIA was implemented
Rationale

• Regular health data and surveillance system
  – Hospital based
  – Neither specific nor have enough details for HIA
  – Focused mostly on health system management particularly communicable & behavioral related diseases
  – No linkage between environment and health parameters
Method

1. Air Pollution data from PCD was collected
   - Major air pollutants: SOx, NOx, PM
   - Volatile organic compounds

2. Environmental health indicators were set up
3. Analyzed the data
4. Reported relevant findings to public
Further Developments

• Health determinant and health status data
  – Well integrated data set
  – Health database management system
  – Community health status was more preferred
  – Linkage between environmental and health database
Further Developments

• Establishment of the data center
  – To monitor and evaluate community health status
  – To set up environmental health surveillance system
  – All stakeholders work as partnership
  – Develop trustworthy and valuable center