中国城市空气质量改善培训计划

Training Activity Plan aiming at improving air quality for Chinese cities

CAI-Asia China, CATNet-Asia

目的 Objective

- 能力建设是基础 Capacity building
- 在11个会员城市中，增强决策人员和相关技术人员对空气质量管理的理解 Strengthen the understanding of AQM by both decision makers and technical staff supporting policy makers in the 11 city members of the CAI-Asia PRC Project

主要内容 Activities

能源基金会 Energy Foundation support:

- 起步课程 Starter course
- 继续课程 Advanced course

申请欧盟项目 EU Pro-Eco Asia:

- 培训网络建立 Training Network
- 专门培训课程 Specific courses

起步课程 Starter course

- 集成的空气质量管理课程，4个城市：贵阳、洛阳、长沙、乌鲁木齐 1 training course delivered to four of the city members identified: Guiyang, Luoyang, Changsha, Urumuqi by end June 2006
- 每个城市2-8人 2-8 individuals from each city
- 06年第三季度 the third quarter of 2006
- 项目办 CPO and CAI-Asia
- 清华大学 Tsinghua U.

继续课程 Advanced course

- 重点内容是排放清单，所有11个城市　1 training course delivered to all 11 city members focusing on emission inventory by end 2006
- 每个城市2-8人 2-8 individuals from each city
- 06年底完成
- 项目办 CPO and CAI-Asia
- 清华大学 Tsinghua U.

申请欧盟项目 EU Pro-Eco Asia:

- 城市对培训的需求评估 Training needs evaluation
- 建立中国空气质量培训网络 Setting up China AQ Training Network
- 开发至少两门培训课程 Development of Training Courses

建立中国空气质量培训网络 Setting up China AQ Training Network

- 寻找地方培训机构，Identify local partners
  - 东、南、西、北4个培训分中心 4 regional institutions to cover the geographical areas of East, West, North and South China respectively
  - 培训声誉 have established reputation as training organization on environment
  - 良好培训设施 good training facilities

建立中国空气质量培训网络 Setting up China AQ Training Network

- 形成网状结构 Develop institutional – organizational structure
- 与亚洲培训网络结合 Integrate within CATNet – Asia structure
- 建立经费机制保障连续性 Develop financial model to ensure continuation

开发培训课程 Development of Training Courses

- 技术方面，Technical focus
  - 监测　Design, implementation and operation of urban air quality monitoring programmes
  - 空气质量模型 Application of air pollution models as an integrated part of monitoring
  - 反向模型分析排放趋势 Monitoring of trends in emissions from the actual driving based on analysis of measurements from monitoring in combination with inverse modelling

开发培训课程 Development of Training Courses

- 技术方面，Technical focus
  - 源解析 Source apportionment using monitoring data in combination with field studies and models
  - 暴露与健康评估 Assessment of human exposure
  - 空气质量数据管理系统 Development of air quality data management systems
  - 监测质量控制 Quality assurance and quality control in air pollution monitoring

开发培训课程 Development of Training Courses

- 技术方面，Technical focus
  - 为公众、决策者、权威部门撰写报告 Dissemination, reporting and presenting results for the public, for decision makers and for authorities
  - 交通、工业与面源控制策略 Control strategies for transport, industry and area sources

开发培训课程 Development of Training Courses

- 政策管理方面，management and policy
  - 如何开发课程 How to develop and implement effective training courses
  - 系统评估空气质量 Systematic assessment of Air Quality issues
  - 空气污染与健康、气候变化等 Overviews of aspects of air pollution including science, health, interaction with climate change and other environmental issues

开发培训课程 Development of Training Courses

- 政策管理方面，management and policy
  - 本地源与区域影响 Assessment of local versus transboundary pollution
  - 政策的纵向整合 Vertical Integration of policies – what action can/should be carried out at national or local levels
  - 横向整合 Horizontal Integration of AQM policies including:
    - 与交通规划整合 Integration of AQM and Transport Planning

开发培训课程 Development of Training Courses

- 政策管理方面，management and policy
  - 与土地利用规划 Integrating AQM and Land-Use Planning
  - 与气候变化政策整合 Integrating AQM and Climate Change policies
  - 公众参与 Consultation with and involvement of the public
  - 对策与行动计划 Development of AQ Strategies and Action Plans

开发培训课程 Development of Training Courses

- 教师培训-清华大学 Implement Training of Trainers (ToT) training courses at TU
- 在地方分中心举办培训班 Deliver training courses at the selected local training institutions
- 培训材料编写 Documentation of training material

谢谢！ Thank you！