

Project Abstract

Title: Select Study of Air Pollution Reduction Programs around the World: Governance and Implementation Issues

Investigators

PI: Prof. Nomesh B. Bolia, Department of Mechanical Engineering

Co-PI's:

Prof. M. P. Gupta, Department of Management Studies

Prof. Mukesh Khare, Department of Civil Engineering

Contact Information:

Email (preferred): nomesh@mech.iitd.ac.in; Tel: +91(11)26591141

Project Summary

Clean air is among the most fundamental requirements for the very existence of life on earth. However, Delhi and several other cities in India face a severe air quality threat. The Air Quality Index (AQI) of Delhi is almost never in the category of “healthy” and often in the “hazardous” zone. While this appears to be an intractable problem with no resolution in sight, what is also known is several cities around the world have faced exactly this, arguably worse situations and have addressed them quite well. Examples are London, Tokyo, Seoul, and Beijing, who have all run quite successful air pollution reduction programs. For India and Delhi’s own pollution reduction programs to succeed, a key enabler could be a thorough study of these programs with elements ranging from an academic study of the program to extensive consultation with stakeholders at various levels for insights on implementation issues. The learnings from the study could culminate in recommendations for the context of Delhi and India, including adaptation and adoption of the relevant international best practices.

Deliverable

The project will have the following deliverable:

- 1) Detailed report on Air Pollution Reduction Programs, their governance and implementation issues.
- 2) Recommendations for the Indian Context