

# 清洁空气管理评估工具

Clean Air Management Assessment Tool

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亚洲清洁空气中心



**CLEAN AIR  
ASIA**



- 基于Excel的空气质量清单工具
- CAMAT工具可以：
  - 对空气质量进行自我诊断
  - 了解综合的空气质量框架
  - 帮助识别应改进的政策/措施
  - 基于评估过程分析区域空气质量指标、执行效果
  - 提供工具包索引
- 当一个城市需要…
  - 对他的空气质量现状有一个全面的了解
  - 寻找管理策略和行动的差距
  - 对比不同时期的空气质量和GHG管理（如考核期）
  - 识别减排措施
  - 准备清洁空气报告与制定计划

# 清洁空气管理评估工具应用



Country 国家		City 城市	
PR China	中国	济南、杭州、重庆、广州、佛山、肇庆	
India	印度	Delhi	德里
Indonesia	印度尼西亚	Jakarta	雅加达
Nepal	尼泊尔	Kathmandu	加德满都
Pakistan	巴基斯坦	Quetta	基达
Philippines	菲律宾	Manila	马尼拉
Sri Lanka	斯里兰卡	Colombo	科伦坡
Thailand	泰国	Bangkok	曼谷
Vietnam	越南	Hanoi	河内

# 清洁空气管理评估工具结构



- **Air Pollution and Health Index** – assesses air pollution levels of cities against WHO guideline values and interim targets  
空气质量 和健康指数—以WHO指导值衡量分析城市的空气污染水平
- **Clean Air Management Capacity Index** – assesses a city’s capacity to (1) determine sources and their contribution, (2) assess air quality status, (3) estimate impacts, and (4) reduce air pollution and GHG emissions through an institutional and policy framework and financing  
能力指数—排列城市确定污染源、水平及影响的能力和解决空气污染和温室气体排放的能力
- **Clean Air Policies and Actions Index** – assesses existence and enforcement of national and local policies and actions to address air pollutants and GHG emissions from mobile, stationary, area and transboundary sources.  
政策和行动指数—排列解决相关源排放的政策和行动的执行情况（包括流动源、点源、面源和跨界输送）

# 工具展示



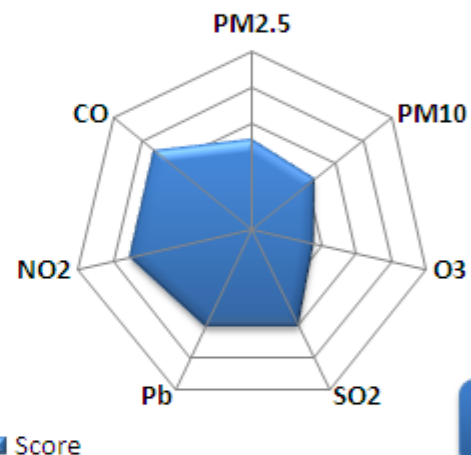
# Clean Air Scorecard Report

Beijing, P.R. China Year 2009

## Index 1 - Air Pollution and Health Index

Pollutant	Score	Category
PM2.5	50.0	Moderate
PM10	45.0	Moderate
O3	35.6	Poor
SO2	60.0	Good
Pb	60.0	Good
NO2	70.0	Good
CO	70.0	Good

**Final Score** 35.6  
**Pollutant of Concern** O3  
**Band Category** Poor  
**Pollutants Considered** PM10, PM2.5, SO2, CO, NO2, Pb, O3



Return to Clean Air Scorecard Report

### SCORING GUIDE:

#### Index 1 - APHI

Categories	Score Band
Excellent	81-100
Good	61-80
Moderate	41-60
Poor	21-40
Very Poor	11-20
Critical	0-10

#### Index 2 - CAMC

Categories	Score Band
Excellent	81-100
Good	61-80
Moderate	41-60
Limited	21-40
Minimal	0-20

#### Index 3 - CAPA

Categories	Score Band
Excellent	81-100
Good	61-80
Moderate	41-60
Limited	21-40
Minimal	0-20

For more detailed information on Clean Air Scoring scoring, please read the **Clean Air Scorecard Scoring Guide**.

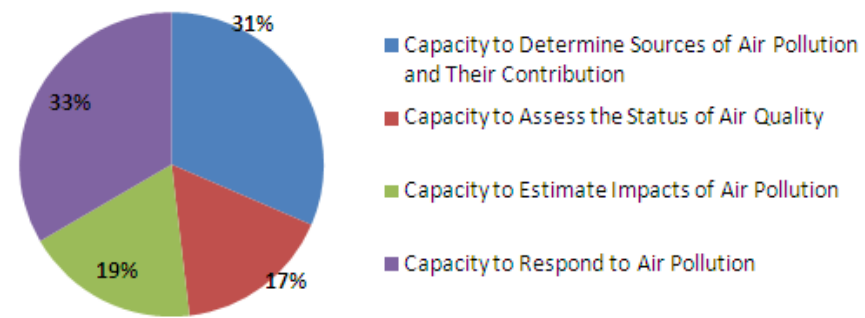
This documents can be downloaded from:  
<http://cleanairinitiative.org/portal/node/2206>

**Note: This is a sample only. 注: 仅仅是案例**

## Index 2 - Clean Air Management Capacity Index

	Final Score
Capacity to Determine Sources of Air Pollution and Their Contribution	6.3
Capacity to Assess the Status of Air Quality	3.4
Capacity to Estimate Impacts of Air Pollution	3.7
Capacity to Respond to Air Pollution	6.7
<b>Total</b>	<b>20.1</b>

Distribution of Scores under Clean Air Management Capacity

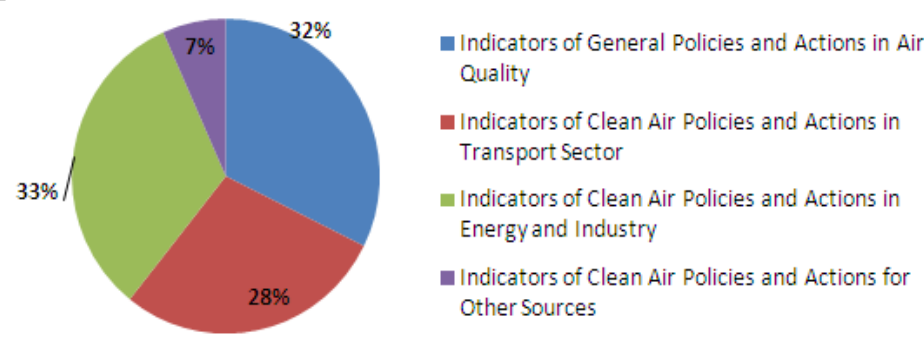


Index 2 - CAMC  
Result Details

## Index 3 - Clean Air Policies and Actions Index

	Final Score
Indicators of General Policies and Actions in Air Quality	6.0
Indicators of Clean Air Policies and Actions in Transport Sector	5.3
Indicators of Clean Air Policies and Actions in Energy and Industry	6.1
Indicators of Clean Air Policies and Actions for Other Sources	1.3
<b>Total</b>	<b>18.7</b>

Distribution of Scores under Clean Air Policies and Actions Index



Index 3 - CAPA  
Result Details

### SCORING GUIDE:

Index 1 - APhi		Index 2 - CAMC		Index 3 - CAPA	
Categories	Score Band	Categories	Score Band	Categories	Score Band
Excellent	81-100	Excellent	81-100	Excellent	81-100
Good	61-80	Good	61-80	Good	61-80
Moderate	41-60	Moderate	41-60	Moderate	41-60

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## Clean Air Asia Country Networks

China • India • Indonesia • Nepal • Pakistan • Philippines • Sri Lanka • Vietnam

### Clean Air Asia Center Members



CORNING

### 245 Clean Air Asia Partnership Members

- Cities
- Environment ministries and government agencies
- Development agencies and foundations
- Non-government organizations
- Academic and research institutions
- Private sector companies and associations

### Donors in 2013

Asian Development Bank • AECOM • China Road Transportation Association (CRTA) • Civic Exchange • Climate and Clean Air Coalition (CCAC) • ClimateWorks Foundation • DHL/IKEA/UPS • Energy Foundation • Fredskorpset Norway • Fu Tak lam Foundation • German International Cooperation (GIZ) • Institute for Global Environmental Strategies (IGES) • Institute for Transport Policy Studies • Institute for Transportation and Development Policy • MAHA • Pilipinas Shell • Rockefeller Brothers Fund • Shakti Foundation • Shell Foundation • Sida • UNCRD • United Nations Environment Program Partnership for Clean Fuels and Vehicles (UNEP PCFV) • UNEP DTIE • UN Habitat • USAID CEnergy • World Bank