

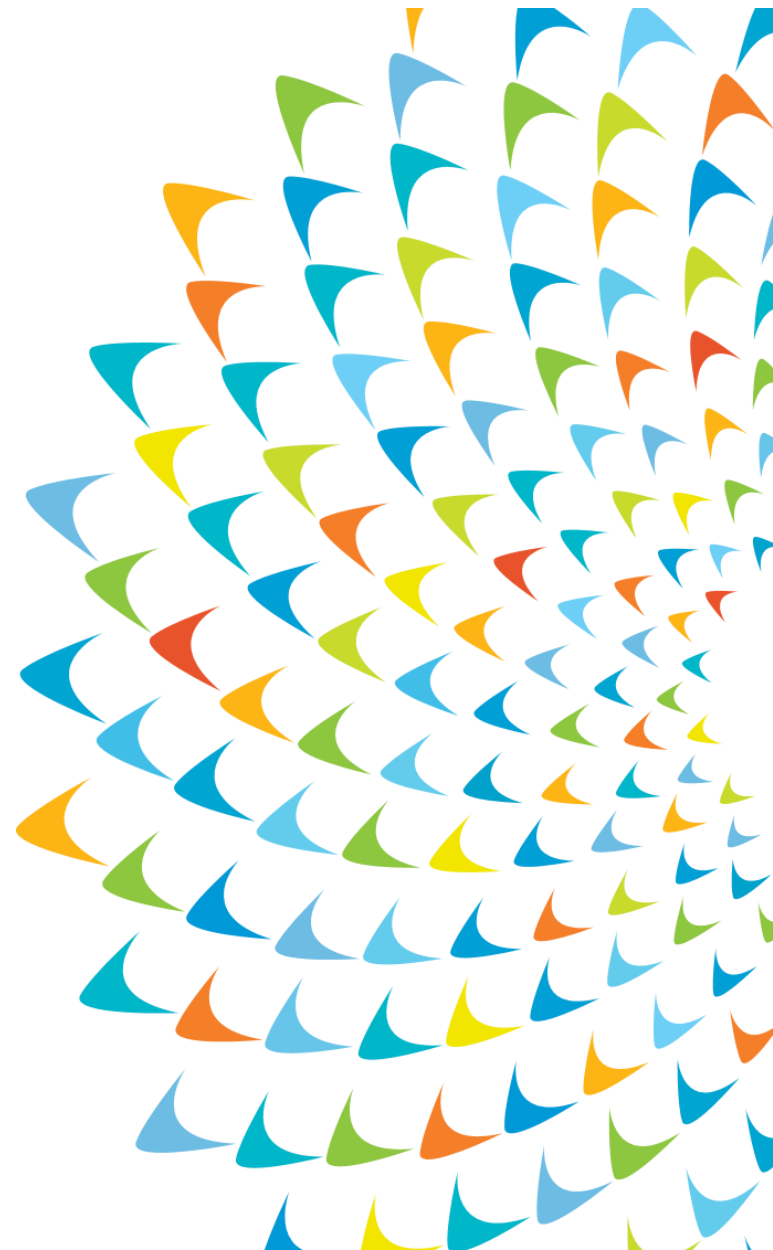


TECHNICAL ASSISTANCE: STRENGTHENING KNOWLEDGE AND ACTIONS FOR AIR QUALITY IMPROVEMENT

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ADB's Operational Priorities



Addressing remaining poverty and reducing inequalities



Accelerating progress in gender equality



Tackling climate change,
Building climate & disaster resilience,
Enhancing environmental sustainability



Making cities more livable



Promoting rural development and food security



Strengthening governance and institutional capacity



Fostering regional cooperation and integration



ADB's Approach to Air Quality Management



Strengthening the **knowledge-base** on air quality issues



Integrated policy, institutional & regulatory reform & infrastructure



Promoting innovative cost-effective & smart **technologies**



Knowledge partnerships with international, regional, and national organizations



Innovative **financing mechanisms**



Consideration for New TA Design

The new TA builds on the experience from the recently completed TA Mainstreaming Air Quality in Urban Development through South-South Twining, which has specific recommendations on:

- develop clean air action plans with clear objectives, roles and accountability;
- increase political and public awareness of air pollution impacts;
- tighten ambient air quality standards
- enhance technical capacity in key aspects of integrated AQM;
- strengthen emission prevention and control and use of economic instruments;
- integrate air pollution prevention and control into sectoral policies; and
- adequate financial resources.



TA: Strengthening Knowledge and Actions for Air Quality Improvement

- Implementation Period: October 2018 – September 2021
- Funding: \$2.5 million (ADB's Technical Assistance Special Fund: \$0.5 million, PRC Poverty Reduction and Regional Cooperation Fund: \$0.8 million and Urban Climate Change Resilience Trust Fund: \$1.2 million)
- Participating Cities: 3 primary and 4 secondary*
- Focus on enhancing knowledge of and capacity to develop policy actions and technological solutions
- Targets to build a business case for air quality management through the preparation of city-level clean air action plans (CAAPs)

***Primary cities:** Erdenet (Mongolia), Peshawar (Pakistan), and Ha Noi or Ho Chi Minh (Viet Nam);

Secondary cities: La Trinidad (Philippines), Faridpur (Bangladesh), Sialkot (Pakistan), and Vinh Yen (Viet Nam)



TA Output 1:
Current air
quality
situation and
management
practice
assessed

- **Assess air quality situation and management practice** (emission inventory, source apportionment, effectiveness of management measures, mitigation potentials);
- **Conduct roundtable and policy dialogue** with government and other stakeholders
- Design **awareness program**



TA Output 2:
Innovative
cost-effective
technological
and policy
options for
addressing air
quality
evaluated

- **Assessment of technologies** (innovative, adaptive and proven);
- **Identify needs for capacity building, policy reforms, technology transfer;**
- **Technology training programs and technologies fairs;**
- **Exposure visits to China.**



TA Output 3: City Level Clean Air Action Plans (CAAPs)

- **Develop CCAP and associated investment estimates;**
- **Economic and financial analysis of CCAP investment estimates;**
- **Design incentive and financing mechanism to promote air quality improvement;**
- **Identify funding sources, including private sector, for implementation.**