

ADVANCING INTEGRATED SOLUTIONS FOR CLEAN AIR RESTORATION AND ENGAGEMENT (AIRCARE)



**Reduce air pollution in the
Lahore Division through
scalable, integrated
solutions**



01 May 2025 - 30 Apr 2027



Commissioning Agency

GIZ self-funded (*Eigenmaßnahme*)



Lahore Division, Punjab



MoCC&EC, P&D Board
Government of Punjab,
Environment Protection and
Climate Change Department
(EPCCD), World Bank Punjab
Clean Air Project (PCAP)

BACKGROUND

Air pollution is a pressing issue for Pakistan, with major urban areas experiencing steadily worsening ambient air quality and rising public health concerns. Recognising the risks to human health and in alignment with the priorities of the Ministry of Climate Change and Environmental Coordination (MoCC&EC), AIRCARE project (funded by GIZ as an *Eigenmaßnahme*) complements the World Bank's Punjab Clean Air Project (PCAP) by aligning its technical support with the chosen pollution sectors in Lahore Division, given the deepening air quality crisis.

With AIRCARE, the GIZ Energy, Climate Change and Just Transition Cluster further strengthens the shared commitment of the Pakistan-German Climate & Energy Partnership (PGCEP) to climate-resilient, sustainable development. The current portfolio of the PGCEP is EUR 378.6 million across 26 projects and forms the cornerstone of German Development Cooperation to sustain Pakistan's progress towards the Paris Agreement and the Sustainable Development Goals.

By coordinating training, data tools and targeted interventions, AIRCARE ensures that financial resources from the World Bank translate into concrete on-the-ground improvements, to improve air quality management and combat air pollution in all districts across Lahore Division.

AIR POLLUTION IMPACTS

Health Impact



Shortened
lifespan by an
average of 7
years

Economic Impact



Economic losses,
due to the poor
health of workforce

Environmental Impact



Damaged crops,
reduced yields of
wheat, rice, and other
staples, increased CO₂
and GHG emissions

SECTOR SOLUTIONS FOR IMPROVING AIR QUALITY

PROJECT OUTPUTS

STRENGTHENING CAPACITIES

To help government departments and agencies strengthen their technical know-how so they can better plan and manage air quality efforts and meet pollution targets.

To identify viable solutions for implementation in the relevant sources/sectors to reduce air pollution for achieving the targeted air quality levels.

The implementation partners are supported in an advisory capacity in the areas of impact monitoring, documentation and reporting

- 1 Communities of Practice-Webinars, Learning sessions
- 2 Advisory support on AQM Planning
- 3 Technical advisory on sector solutions

KEY ACTIVITIES OF THE PROJECT

PROJECT MANAGEMENT

- 1 Training Programmes

- 1 Development of digital applications
- 2 Training on digital applications
- 3 Best practice documentation

FOCUS AREAS

-  AQM Governance & Awareness Raising Measures
-  Transport Sector Abatement Measures
-  Agricultural Residue/ Stubble Burning

CONTRIBUTION TO SDGs

1 NO POVERTY



3 GOOD HEALTH AND WELL-BEING



7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



13 CLIMATE ACTION



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