

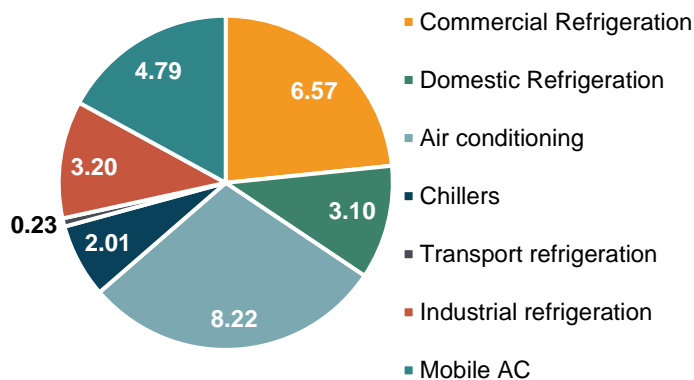
Improving Cooling Efficiency and Access in Pakistan

A project under the Clean Cooling Collaborative (CCC), formerly the Kigali Cooling Efficiency Program (K-CEP)

Pakistan submitted a revised Nationally Determined Contribution (NDC) to the UNFCCC in October 2021, which included new cooling commitments. To help the government implement these, the Clean Cooling Collaborative is delivering technical and financial assistance to national institutions and supporting development of a Pakistan Cooling Action Plan (PCAP). The PCAP will address national cooling needs and set a pathway for ambitious cooling product efficiency policies.

Pakistan has the 5th highest total cooling demand of any country. Further, Sustainable Energy for All identifies Pakistan as one of nine countries where cooling gaps exacerbate challenges related to extreme heat and unreliable food chains and medical supplies.

Direct and indirect emissions from the cooling sector in Pakistan in 2016 (in MT of CO₂)



Source: Green Cooling Initiative

Refrigeration and air conditioning account for 64% of greenhouse gas emissions in Pakistan's cooling sector

Together with HIMA^Verte, CLASP is delivering this 3-year project (2021 – 2023) to advance energy-efficient and climate-friendly cooling in Pakistan. Based on the priorities of the Ministry of Climate Change (MoCC), the National Energy Efficiency and Conservation Authority (NEECA) and the Punjab Energy Efficiency & Conservation Agency (PEECA), the project complements existing cooling initiatives and commitments.

This project aims to reduce carbon emissions associated with cooling products, help achieve the product-related cooling commitments in Pakistan's revised NDC, and expand access to cooling in off-grid and weak-grid communities. The PCAP will identify priority interventions and where to expand efficiency policy coverage, stimulating marked demand for super-efficient cooling appliances and products.

Proposed cooling interventions will result in a reduction of 13.8 Mt of CO₂ eq cumulative through 2030

PROGRAM OUTPUTS



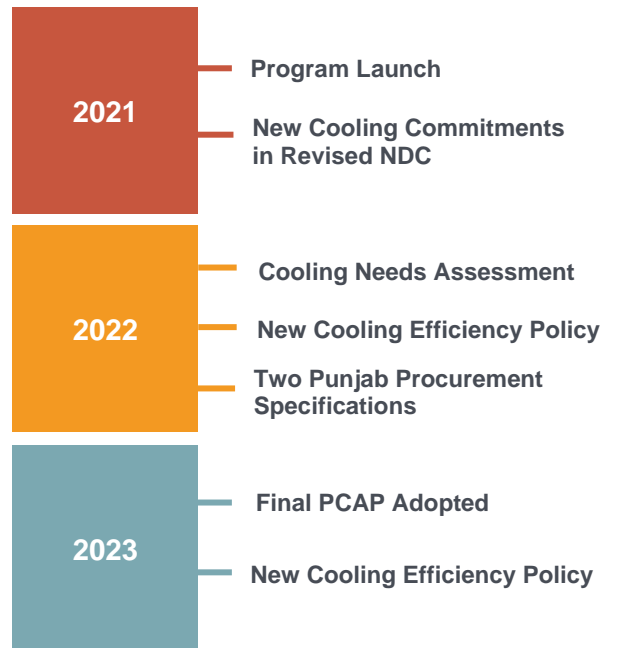
Pakistan Cooling Action Plan (PCAP) that identifies key cooling needs and prioritizes actions for addressing current and future cooling demands with the minimum possible impact on the environment, as per the policy action in the [revised Pakistan NDC 2021](#).



Cooling efficiency policies for on and off-grid domestic and commercial products. The program will design new MEPS and labels for commercial cold chain appliances and other high-impact cooling products.



Provincial procurement specifications for the Government of Punjab for high efficiency (and high quality) products such as air conditioners.



ABOUT THE PROJECT TEAM

CLASP serves as the leading international voice & resource for appliance energy efficiency policies and market acceleration initiatives. From developing the first voluntary energy label for ceiling fans, to supporting Punjab with the deployment of a multi-million-dollar fan procurement and government retrofitting campaign, to creating the first mandatory efficiency policies for motors, CLASP has been building national capacity for appliance energy efficiency policies in Pakistan since 2016. CLASP continues to support national policy development and implementation of high-impact products.

HIMA^Verte is a social enterprise firm in Pakistan, implementing various energy efficiency projects. They are CLASP's partners on the ground in Pakistan, facilitating day to day activities and stakeholder engagements on the PCAP and other activities.

WWF – Pakistan is the largest environment nonprofit organization in Pakistan. WWF assisted the Government of Pakistan with revisions to the NDC and is supporting CLASP and HIMA^Verte on stakeholder engagement for the PCAP development and efficiency policies.

See more about CLASP's work in Pakistan at www.clasp.ngo/pakistan-projects/

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