

PROMOTING INNOVATIVE DECARBONIZATION SOLUTIONS

through support the implementation of the Joint Crediting Mechanism and demonstration of decarbonization potential of public buildings and public transport in Uzbekistan



Duration: 2025 – 2026 (1 year)



Implementing partner: UNDP Uzbekistan in partnership with the Ministry of Economy and Finance of the Republic of Uzbekistan



Budget: USD 1,000,000



Beneficiaries: schoolchildren, youth, patients, passengers of e-mobility public transport, civil servants of government agencies, municipality staff, as well as National institutions, policymakers, local authorities, technical specialists.

POLICY AND INSTITUTIONAL STRENGTHENING



National Strategy and Guiding Principles development for Article 6 cooperation and implementation of the Joint Crediting Mechanism (JCM) (Article 6.2) with international and national experts.

Assessment of institutional roles, and readiness for International Transfer of Mitigation Outcomes (ITMOs) and establishing a national registry and designated authority.

Policy dialogues and capacity-building sessions for government agencies on Article 6, NDC enhancement, and market-based mitigation mechanisms.

Development of methodologies for fossil fuel subsidy inventories (gas, coal, electricity, heat), aligned with MRV and ESG approaches.

Preparation of a policy brief on reducing risks for renewable energy investments through FIT/FiP mechanisms.

DEMONSTRATION OF LOW-CARBON TECHNOLOGIES IN SOCIAL INFRASTRUCTURE



Introduction of efficient technologies:

- Heat pumps replacing coal-based heating in a selected school
- 38 low-GWP propane air conditioners in 3 kindergartens and 1 healthcare facility
- Energy-saving measures, including insulation and building improvements in a selected healthcare facility

Installation of GHG and air pollution monitoring stations along the Tashkent green e-bus corridor under the TAILEV partnership.

Analysis of pilot results, including technical, economic, environmental, and social results.

CAPACITY BUILDING FOR A JUST AND INCLUSIVE ENERGY TRANSITION




Design and delivery of training for government institutions on inclusive decarbonization, social vulnerability, and gender-responsive climate action.

Strengthening the capacity of local authorities in Syrdarya to manage low-carbon technologies and expand successful solutions.

EXPECTED IMPACT


Enhanced capacity of national and regional institutions for NDC implementation.


Strengthened Article 6 governance enabling Uzbekistan to participate in international carbon markets.


Reduction of GHG emissions and improved energy efficiency in vulnerable communities.


Foundations for future nationwide programs on decarbonizing buildings and public transport.