



## **Fifth International Forum on Energy for Sustainable Development**

**Promoting energy efficiency investments for climate change mitigation and sustainable development**

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**Under the objective of supporting market transformation towards low-carbon economies, UNDP Turkmenistan is:**

- Supporting policy framework development and capacity building for investment in low-carbon technologies and practices in energy efficiency in residential buildings and a planned project in promotion of energy efficiency in water sector; this work is supported in partnership with the GEF and bilateral donors
- Facilitating the development of low emission strategies and packages of NAMAs

## Climate Change Strategy of Turkmenistan

Adopted by the Government in 2012

Key elements are:

- Strategic priority goals towards reducing greenhouse gas emissions by improving energy management and improving energy efficiency in energy related sectors and strengthening capacities for adaptation to climate change
- Key measures on energy efficiency in the most important economy sectors
- Implementation mechanisms (NAMA and NAPA)
- Coordination and monitoring mechanisms
- Financial sources

## Financial Sources of the Climate Change Strategy

International sources of finance, technical and technological assistance:

- Global Environment Facility (GEF);
- Adaptation Fund;
- Global Green Climate Fund;
- Kyoto Protocol financial mechanism
- Bilateral funds and agreements

## Financial Sources of the Climate Change Strategy

National sources of finance, technical and technological assistance:

the Strategy offers to establish a National Clean Climate Fund

- State budget of Turkmenistan;
- Fixed percentage allocations from energy export revenues (natural gas, oil, electric energy etc.);
- Financial liabilities of international oil companies arising from production sharing agreements and dedicated for projects in social and economic spheres;
- Allocations from gas exports procured as a result of adopting energy-saving measures.

## Energy efficiency in residential buildings

### Key outcomes:

- Revised building codes in terms of energy efficiency;
- Demonstrated energy efficient measures in pilot buildings;
- Developed capacity building for energy audits and energy management;
- Developed National plan on improving energy efficiency in residential buildings with local financing.
- Developed NAMA for building sector based National Plan to involve additional financing within UNFCCC financial mechanisms.