

# EXAMINING URBAN HEATING AND RESIDENTIAL ENERGY EFFICIENCY

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# USAID/MUNEE STUDIES

- Urban Heating
- Energy Efficiency and Urban Residential Utility Affordability
- Studies will be carried out by Alliance to Save Energy
- Significant input from Experts Advisory Working Group

# URBAN HEATING STUDY

- Purpose: Provide a key reference document on key issues, and inform donor/lending strategies.
- Examine policy strategies, laws and regulations, institutional restructuring and reform.
- Focus on efforts to create enabling environment for private investment and commercial viability, and to address social and economic needs.
- Examine how institutional and policy frameworks influence heating end-use.
- Implications for donor programs.
- Recommendations for donors, investors, others.

# Energy Efficiency and Urban Residential Utility Affordability

- Purpose: Provide empirical evidence that energy efficiency is a cost-effective method of providing an energy social safety net to help vulnerable customers meet utility costs.
- Recognizes need to respond to social consequences of energy sector reforms.
- Intent: build energy efficiency into social safety net programs/funding.
- Requires documenting residential energy efficiency and comparing life-cycle costs to traditional energy social safety net approaches.

# WHY USAID IS UNDERTAKING THE STUDIES

- Build on earlier studies (WB, IEA, WEC) in effort to access assistance programs in cross-cutting sectors.
- Examine status of the heat sector, utility affordability, and social impacts as consequences of transition and reform-driven tariff increases.
- Consider implications on donor/IFI assistance on social/economic growth, municipal governance, and democracy.
- Provide hard evidence to make the case for reforms and energy efficiency at the local level.
  - Recommended actions
  - Case study examples
- Consider innovative financing approaches for difficult sectors.