



E5P Project Identification Study

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Azerbaijan



Background of Assignment

TASK:

Identify bankable projects with significant energy efficiency and/or environmental benefits in Armenia, Azerbaijan, Georgia and Moldova to support projects in the municipal utility sector.

Typical Sectors:

- › District Heating;
- › Water and Wastewater;
- › Solid Waste Management;
- › Street Lighting;
- › Insulation of public buildings or residential housing;
- › Urban Transport.

Approach

- › Established communication with the local coordinators and other relevant ministries in each of the recipients countries
- › Arranged a time schedule for personal meetings and conducted these during on-site visits
- › Informed during meetings about E5P initiative and target to establish project list
- › Conducted desk research on country strategies

Time Schedule of on-site visits:

Azerbaijan 27.10.2014 – 31.10.2014

Key Findings

Sectors, which should be supported:

- › District heating
- › Collection and energy recovery from waste (incl. burning of excrement of a chicken farm and sewage sludge)
- › Water and waste water management
- › Urban transport
- › Refurbishment of public buildings (schools, hospitals)
- › Refurbishment of residential buildings
- › Street lighting
- › Establishing biomass facilities in five different regions

Country Strategy

Sector Strategy:

- › Reduce losses and more efficient energy use
- › Development of the transmission and distribution network
- › Increase use of alternative and RE
- › Construct new thermal and hydro power stations
- › Installation of modern heating systems or rehabilitation
- › Bill full costs for electricity and natural gas

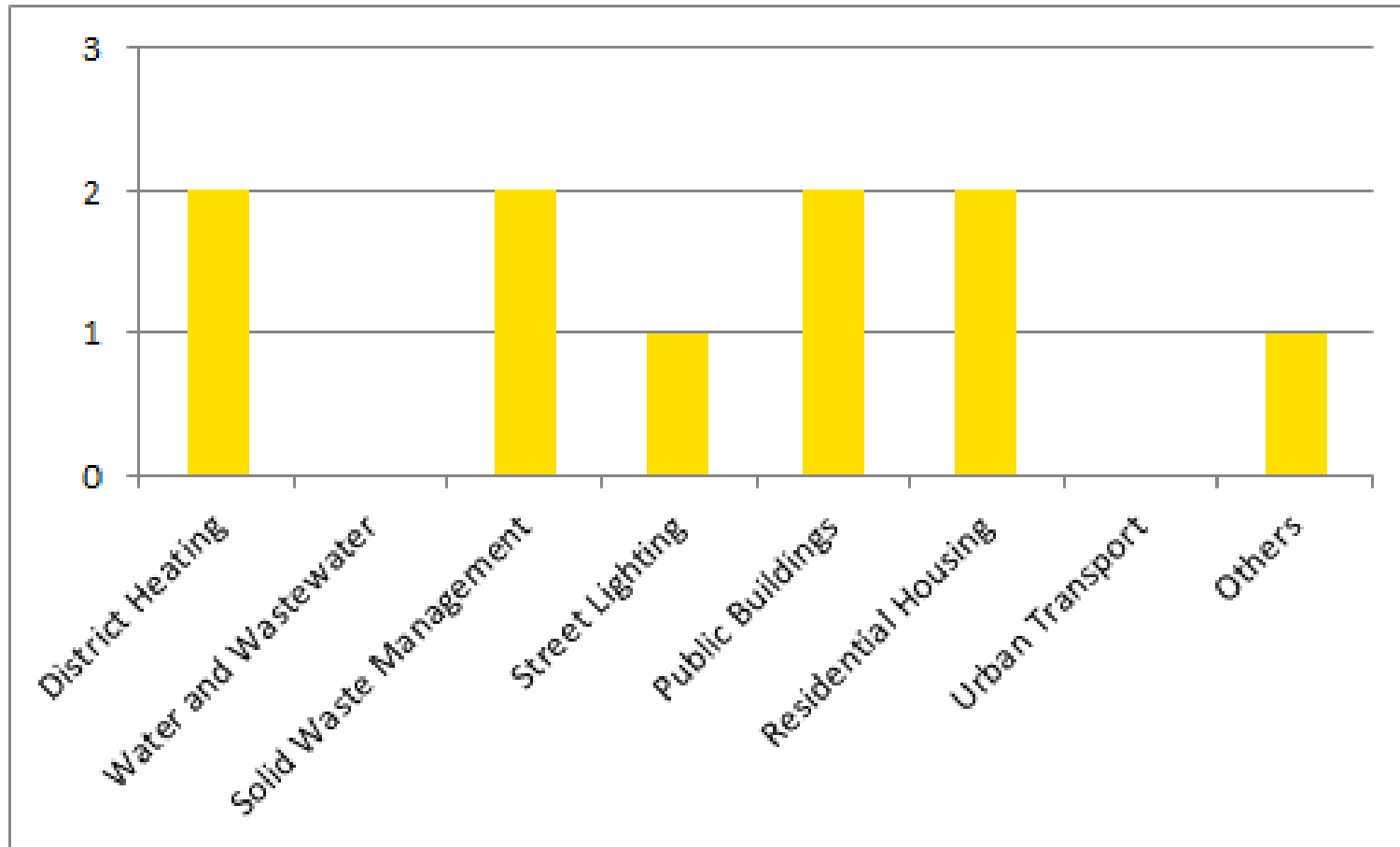
Geographical and regional priorities:

- › Investment in non-oil sector and development regions
- › Strengthening social orientation of investment
- › Management of wastes generated in regions

Projects

No. of projects received	10
Stage of development	
Project idea	10
Feasibility Study/Investment Plan	0
Ready for financing	0
Investment Volume	
Projects with indicated investment volume	9
Investment Volume [EURO]	236.770.000
< 1 m. EURO	0
> 1 m. EURO & < 5 m. Euro	3
> 5 m. EURO	6

Distribution per sector



Project Details

#	Project Name	Volume
AZ1	Baku-Gandja main road lightning system (using solar energy)	187,500,000
AZ2	Energy supply for public buildings in 5 rayons (using solar and heat pumps)	2,520,000
AZ3	Sports complex in 3 rayons (using solar and heat pumps)	6,000,000
AZ4	Construction of a Biogas Plant	175,000,000
AZ5	Ganja city Solid Waste Plant	n/a
AZ6	Small Hydro Power Stations in 3 rayons	15,000,000
AZ7	Solid waste separation, collection and disposal system	2,300,000
AZ8	Thermal insulation of residential buildings in Binagadi rayon	9,000,000
AZ9	Restructure programme for heating system (replacement Heating Supply Sub-station and automation of 10 boiler houses)	1,250,000
AZ10	Thermal insulation of residential buildings in Nizami rayon	7,200,000

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