



## Project Title

Implementation of solar system in public lightening of Shijak Municipality

## Project Type

Projects that can be mobilized quickly

## Project Location

Shijak Municipality

## Total Pre-Estimated Budget

180,000 Euro

## Project Background and Analysis

One of the increasing demands on use of alternative energy sources is that of solar energy, as clean energy, abundant and safe at any time and it comes without any costs for the consumer. This an orientation even at state level, as it has an impact on reduction of energy consumption, produced by other sources, enabling the use of the remaining produced energy for the industry or other sectors.

In this framework, promotion of use of this energy comes as a priority, especially for public institutions, schools, businesses, etc.

## Specific Objectives of the Project

The general objective of the project is to promote the installation and use of technology that enables the use of solar energy. This intervention will bring reduction of costs for the local government for the energy spent at the function of street lightening, and it would also promote use of similar technologies from other local actors or businesses.

## Expected Results and Project Indicators

The beneficiary of this project is all the community of the Functional Area of Shijak (27,851 inhabitants) and especially the institution of Shijak Municipality, the costs of which on the street lightening would be zero. On the other side, the community would indirectly benefit from the investment of these funds in other areas of public local service. This experience could be replicated in other LGU's, as well as in businesses, creating as such, development conditions for this entrepreneurship at local level as well.

# PROJECT 5



functional area programme  
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## Project Activities

- Tendering and purchase of lightening equipment with solar system;
- Installation of street lightening equipment at the Municipality of Shijak;
- Promotion;
- Community awareness.

The duration of the project is foreseen to be 12 months.

## Project Maturity

There is only a clear concept on the need and the opportunities that the implementation of this project would offer. For the implementation of this project, the first step to be undertaken is the agreement with the local government.

## Financial Resources and Implementation Partners

Taking into consideration the lack of financial sources for the local government to fund this kind of projects, it would be appropriate to require funding from foreign donors and funds on regional development of the Albanian Government. The local government would be the most appropriate actor for the implementation of this project, taking into account the experience gathered in years and its natural role in provision of this public service.

## Project Cost

Based on main activities listed above, the approximate costs would be as below:

Purchase of 100 pieces of equipment 150,000€;  
Installment and respective works 15,000€;  
Promotion of natural values 8,000€;  
Awareness 7,000€;  
Total 180,000€.