

Eleks

Azerbaijan

Implementing Agency/organization	Sumaks
Implementation Period	N/A
Location (City and Country)	Baku, Azerbaijan
Total Cost to implement the Project	N/A
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The Challenge

There are a variety of ways used to generate electricity and all have some impact on the environment. Fossil fuel power plants release air pollution, and demand great amount of cooling water. Nuclear power plants generate a large amount of radioactive waste. Even renewable energy plants can have negative effects on wildlife and involve hazardous wastes. In this context, energy efficiency is very vital to preserve the environment. Technology is the best way to do that by promoting sustainable energy consumption and contribute to sustainable development.

The Innovation

Eleks will help business enterprises, homeowners to monitor and save their electricity consumption through a mobile application. They will be able to see real-time indicator of their electricity consumption, put limits on their electricity consumption, compare their (daily – weekly - monthly and yearly) electricity statistics, calculate their electricity bill and know how much they are expected to pay at the end of the month. Also, customers will be able to monitor the electricity usage of their electric appliances. All of these will help customers to monitor and save electricity and save their money.

The Impact

- Reduced Energy Costs for businesses and homeowners.
- Expect bills before arriving.
- 24/7 home monitoring to keep homes and businesses safe.
- Less fires and burglary.
- Less damage to the planet.