

## **Annotation**

The theme of the graduation project is "Development of hydroelectric power plants for individual use".

The diploma project provides methods of hydroelectric power for individual use. The Arduino IDE programs were chosen as the basis and the necessary algorithms were written using this environment. The relevance of this project in everyday life, as well as the technical characteristics of each attached parts were also considered. In the economic unit were calculated the cost of Assembly of the device and payback.