Project “AirTio“



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1. The novelty.

The concept or our ecological street light was firstly mentioned in the articles of Chinese science magazine and then it was recognized and practiced on the street of Beijing and Moscow. But what we have created is a modified version of alternative ecological lanterns with the photocatalytic filters that clean the polluted air and work on the solar and wind powers.

2. The relevance.

Our project work is related to ecological problems, which are appearing in different parts of our world. Many countries and cities suffer from the air pollution that cause negative impacts to the society and the nature at all. AirTiO street lights is the best way to solve this problem. We just modify and replace old and less functional street lamps and give people an opportunity to breathe clean air.

3. The technical significance of product technology.

The idea of AirTiO influences not only modern technologies, but it also impacts on modern society with its uniqueness and benefits to all the people on the streets.

4. The implementation plan for the final product.

1. To get some investments from investors.

2. To make a commercial model with all dissertations and patents.

3. To make a practical research in the Ridder city.

4. Based on the done positive research, to present the project to the Minister of Investments and Development of the Republic of Kazakhstan and sell each prototype to distribute it in all big cities of Kazakhstan.

5. To present project to the “МИНВОСТОКРАЗВИТИЯ” and start distributing product in Russian Federation.

6. To sell some prototypes to the CIS and Europe and become the worldwide big company that produces all kinds of devices that clean polluted air.

5. The Commercialization Strategy.

Our business sector is the Municipal and Environmental Infrastructure. The European Bank for Reconstruction and Development ("EBRD" or the "Bank") is considering providing a loan to the AirTiO (the “Company”) to prepare all the researches and dissertations. Than we get the investments from the investors on the forums and competitions. Municipal company assigned to operate AirTiO street lighting («ATSL») in the Ridder city, to support modernization of the Street Lighting Infrastructure in the City.

The Minister of Investments and Development of Kazakhtan's order allows us to produce the «ATSL» all over the country, then Russian’s “МИНВОСТОКРАЗВИТИЯ” allows us to distribute product in Russian and CIS.

6. Plans.

When company starts to produce product, then it gives positive impacts to the infrastructure, AirTiO gets another contracts to distribute its product to the European countries.

After, company starts to invent another products that helps nature to clean polluted air in the whole world.