

"NOTEKA-S" Ltd.

Zhukovsky

Owners:	2 physical persons - 49%, 51%
Staff:	5 permanent employees, 5-8 temporary employees
Previous financing:	\$ 10,000, own \$ 10,000
Current financing:	\$ 15,000, own \$ 15,000
Volume of investment required:	\$ 330,000

Intended use of the investments required: Creation of vortical whirlwind of installation "WWEI": R&D - 42%, pilot prototype - 58%

Company profile

The firm "NOTEKA-S" was created in 1998 as a structure to implement the latest Russian developments in the field of non-conventional vortical energy. In four years the firm "NOTEKA-S", having begun with the dealer relations with the Moldavian firm "Usmar", became the company owning own manufacture and test base for improvement of new kinds of production. Having confronted with a problem of adaptation of the Moldavian thermogenerators to the Russian pumps, the firm adopted the strategic decision on development of its own model together with noted scientists the field of vortical energetic.

For realization of its concept of development of new kinds of production and markets in 2000 the firm "NVF NOTEKA" was founded as a affiliated company which has in "a portfolio of the offers" for new technologies, ready to introduction, and projects in the field of energy and ecological safety of regions. Together with the partners serial manufacturing of automobile vortical vacuum plant (AVVP) for "VAZ" car has been started.

The founders of firm are the owners of 36 patents in the field of vortical power.

Area and directions of activity

Development and manufacture of power devices working on the basis of principles of non-conventional vortical power.

At present following new development are ready to introduction:

- vortical whirlwind installation "WWEI";
- vortical compensating installation for producing of fresh water from atmospheric air "VCI";
- the vortical muffler for engines of internal combustion.

Products/Services/Technologies

Vortical thermogenerators "NTK" and local thermal units on their basis. Thermogenerators have been made on the basis of the certificates on useful model #16618, 17075, patent application #2002118241 with a priority from 9.06.2002 years and Specifications #4931-001-18252357-2001, and the realization is made on the basis of the certificate of conformity #POCC RU.A946. B13221. Installation is completely made of the Russian completing units and is adapted to the Russian market. Installations "NTK" are ecologically pure, highly effective devices. Comparing with the competitors our installations - unattended with service life not less than 15 years, work in an automatic mode and have the low price characteristics. Services in designing, installation and starting-adjustment of thermal units (license #001108).

Achievements

Developments of the "NOTEKA-S" company were awarded Diplomas of eight international and regional exhibitions in the field of non-conventional technologies. In 2002 the firm won a gold medal at the Second Moscow International Salon of Innovations and Investments.

"NOTEKA-S" participates in the special regional Program "Energy saving in the Moscow area for the period till 2005 year" and the Program of creation of territory of scientific and technical development "Moscow regional technologies".

The dealers' network was set up in the Northern Caucasus region, Tatarstan, the Vologda area and in Latvia.

Prospects of Development

Within the framework of the realization of "New power strategy of Russia till 2020 year" program the capacity of the

Russian market of non-conventional sources of energy totals \$ 16,000,000 - 20,000,000 per year. The volume of the European market of whirlwind installations totals \$ 1,000,000,000. Our share of the Russian market by 2005 will grow up to 30 % instead of 4-5% in 2001 for the following reasons: - creation of a production prototype "WWEI" (2002-2003) and its introduction on the power market (2003-2004). Capture of an empty segment of the market of whirlwind installations working on weak wind flows. The capacity of this segment of the market makes 90% of the total amount of the market of whirlwind installations.

- improvement of the NTK" thermogenerators " for application in technologies for transportation of petroleum and its processing, as well as in the dairy industry (September, 2002 - April, 2003);
- development (2002) and creation of an experimental prototype "VCI" (2003);
- development (2002 year), creation of an experimental prototype of the vortical muffler (May - June, 2003) and organization together with partners of the serial production of the muffler (December, 2003).

Sales volume (over the last 12 months): \$ 115,000

year	Without investments requested	With the investments requested
2002	\$ 145,000	\$ 145,000
2003	\$ 190,000	\$ 700,000
2004	\$ 250,000	\$ 2,000,000
2005	\$ 400,000	\$ 5,500,000