

## "FISONIC" JSC

Moscow

Owners:	Two individuals - 77%, 23%
Company	Director General owns 23% shares
Executive:	
Staff:	30 permanent employees, 20 temporary employees
Previous financing:	\$ 1,200,000
Current financing:	\$ 90,000
Volume of investment required:	\$ 2,920,000

Intended use of the investments required: Marketing: \$ 1,400,000 (within the Russian Federation - \$ 900,000, including participation in specialized exhibitions, product presentations, mass media advertising, equipment demo sites, creation of a permanent equipment and technology exhibition; within the USA: \$ 400,000; within China: \$ 100,000).  
Creation of Equipment Distribution Centers: \$ 550,000 (within the Russian Federation: \$ 300,000; within other CIS countries: \$ 250,000).  
R&D: \$ 220,000.  
Creating Proprietary Manufacturing Capacities: \$ 650,000.  
Establishing a Joint Venture Enterprise in China: \$ 100,000.

### Company profile

Energy efficiency is an integral part of the energy policy of the leading countries of the world and is quickly becoming a priority concern in the Russian national energy strategy. The demand for energy efficiency technologies in the Russian economy is obvious and growing fast.

Since 1999, the Fisonic Innovation Company has been building a business on developing, manufacturing and marketing energy efficiency equipment for various sectors of industry. The equipment manufactured is based on proprietary technologies, protected by patents in Russia and abroad. The FISONIC brand name, which belongs to the company, is well known on the market. We have built a solid management team for leading commercial operations and scientific development. Small-scale manufacturing has been established at the Electronics and Mechanics Plant at Cheboksary, Russia, a national leader in quality fine engineering. The quality control procedures at the Electronics and Mechanics Plant have received TUV certification as ISO-9001 compliant. The number of industrial enterprises reporting substantial benefits from the use of Fisonic equipment is on the rise. The company receives government support on federal as well as regional levels.

### Area and directions of activity

#### Strategic Goal:

Securing leading positions on the Russian energy efficiency equipment and energy services markets within five years.

Manufacturing Category: machine-building and power engineering.

Consumer Category: heat and power engineering.

#### The company develops and manufactures:

Heat exchange equipment (boiler replacement and modernization), used in heating, hot water and power supply facilities in all areas of industry.

Viscous medium heating equipment (melting, heating, mixing and pumping mazut, bitumen, synthetic acids).

### Products/Services/Technologies

The company currently markets two types of equipment:

- Heat exchange equipment (Jet Flow Heater Pumps). JFHPs are used to heat and pump water in heating and hot water supply systems, various other industrial technical cycles, as well as residential boiler and heating stations.

- Viscous medium heating systems are used for quick-heating viscous materials before pumping from railroad cisterns or storage containers, as well as steam-scouring and salvaging cistern sediment. The equipment cuts heating time by 2-2,5 times while providing 50% steam savings.

Perspective Development (R&D nearing completion, sample equipment in testing):

Water purification and sterilization systems without using UV and chemical reagents.

Ultra-fine Homogenization equipment (molecular level homogenization) that cuts the mixing time by 2-5 times and significantly lowers process energy requirements, immediately applicable in the food processing, chemical manufacture and pharmaceutical industries.

Liquid-gas Saturator equipment - used to hypersaturate liquid mediums with gases. Applicable for carbonated beverage manufacture. The equipment provides reliable saturation at 12-15°C, as opposed to 4°C in regular systems. Also applicable in wastewater treatment systems.

More information on our products and technology can be found at