

The innovative proposition

to attract investors and buyers

1. Name of innovation

**NEW NANO-REFRIGERANT FOR VAPORCOMPRESSSION
REFRIGERATION EQUIPMENT**

2. Intellectual Property

Select the appropriate position, put the mark «+». Write relevant information.

- Patented Innovation countries: Ukraine
- Filed for a patent countries: _____
- License agreement or Exclusive rights. Exclusive rights
- Other (specify) _____

3. Type of innovation

Select the icon by replacing from "-" to "+"

-	Product
+	Technology

+	Result of R&D
-	Other (discussed separately)

4. Areas of innovation

Select one or more applications innovation by replacing from "-" to "+" .

-	Automobiles, transport and logistics
+	Agriculture and food technology
-	Aerial and space technology
-	Biochemical technology
-	Building
+	Military Industrial and Safety
+	Energy and Energy Saving
-	IT-technology, ICT industry and services
-	Light industry
-	Marine industry and services
+	Environment
+	Nano- and Micro Technology
-	New materials
-	Medicine and Health
-	Creative industry
-	Tourism and cultural heritage
-	Other. (Please specify below the scope)

5. Novelty

What does innovation superior (in digits or qualitatively) already existing? (The answer should be clear and concise - three main arguments in support of the use of promising innovations in domestic and/or foreign markets)

The distinctive feature of innovative investigation is its complexity: study of the technology of preparation and stability of the working fluids with nanoparticle additives for refrigeration equipment, experimental and modeling investigation of their thermophysical properties, test of the refrigeration equipment with nanofluids at the operation condition.

It was demonstrated in experimental study that using the nanofluids in domestic refrigeration equipment may lead to reducing the energy consumption approximately to 5-7%, which makes it possible to increase the energy efficiency classes of domestic refrigerators.

6. Stage of Innovation

What is innovation's stage of development? Select the icon by replacing from "-" to "+"

-	The concept, proof of concept
+	The prototype, which tested and available for demonstration
+	The technologies for small-scale production
-	The technology is ready for industrial application
-	Commercialized

7. The presentation innovations

Select one or more forms by replacing badge from «-» to «+»

-	The demonstration model
+	Multimedia presentation
+	Report

8. Information about the participants, which apply innovation

	<i>If innovation is filed away</i>
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