

The innovative proposition

to attract investors and buyers

1. Name of innovation

ENERGY-EFFICIENT GRAIN DRYING TECHNOLOGY

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 project aims to upgrading existing grain dryers to the energy saving technology of drying grain different cereal crops, in addition, the elaboration of storage technologies, different types of grain raw material and elaboration of equipment, including compact dryers for grains and oilseeds. Scope of application includes grain receiving enterprises, elevators and other companies involved in post-harvest handling and storage of grain cultures.

Newness. Distinctive features. Grain dryer reconstructed to use the energy saving methods and modes of drying grain which allow reuse used by drying agent and air. To ensure the grain drying in flow and increase the productivity of the grain dryer used the methods recirculation drying grain.

Mini-grain dryers consisting of the module, receive device, output device, transport device and the remote control. The drying module is louvered-column dryer that works on the heated air. As the heat generator, can be used electrometers or a heat generator on gaseous or liquid fuel. Conserve heat providing use a recirculation of exhaust air. Specifications. Existing types of dryers transferred by reconstruction with energy saving methods and modes of drying grain that reduce by 15 ... 30% of fuel and electricity.

Increased environmental dryers. When using recirculation and some other drying methods is the ability to improve performance dryers for 30 ... 40%. Improves quality of dried grain. Construction costs recouped within 1-2 years.

Implementation took place: "Chubivske zerno" LLC, the Odessa region. Kotovsky district, station Chubivka and "Illyichevskiy zernoviy terminal" CJSC , Odessa region, city Illichivsk.

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 at the Forum

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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The person responsible for communication with the organizing committee of the Forum	

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