

Full Name of the Project: Sturgeon fish breeding and caviar production

Name of the project	Sturgeon fish breeding and caviar production																							
Main goals of project	The aim of the project is to create the first large production of sturgeon and caviar in Uzbekistan with the use of promising technology of closed water supply, which allows to optimize the process of fish cultivation to the degree of commercial readiness and to obtain caviar, which is not inferior in quality to the products obtained from sturgeon fish caught in natural water bodies.																							
Sphere /industry	Aqua culture																							
Location of the project	Khorezm region, Khiva district																							
Information about participants of the project:																								
- initiator	«Niyazmat Bobo» farm																							
- creditor	Will be defined																							
Total costs of project	18,2																							
Prospective source of financing:																								
- own funds	\$7,84 million																							
- loans of commercial banks	No																							
- the required volume of direct foreign investments	\$10,4 million																							
Projected profitability	20%																							
Projected payback period	7 years																							
Cash flows	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Years</th> <th style="width: 15%;">6</th> <th style="width: 15%;">7</th> <th style="width: 15%;">8</th> <th style="width: 15%;">9</th> <th style="width: 15%;">10</th> </tr> </thead> <tbody> <tr> <td>Revenue</td> <td>9 156 500</td> <td>9 156 500</td> <td>9 359 000</td> <td>9 387 000</td> <td>9 550 000</td> </tr> <tr> <td>Net profit</td> <td>5 321 001</td> <td>5 491 001</td> <td>6 000 553</td> <td>6 023 997</td> <td>6 160 475</td> </tr> </tbody> </table>						Years	6	7	8	9	10	Revenue	9 156 500	9 156 500	9 359 000	9 387 000	9 550 000	Net profit	5 321 001	5 491 001	6 000 553	6 023 997	6 160 475
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Characteristics of the planned production	Canned caviar, sturgeon fish.																							
Capacity of project/productivity	The Aqua farm will produce 15 tons of caviar and 400 tons of sturgeon																							
Current status of project	Project is at the stage of development																							

Information about the initiator of the project

Full name of the enterprises	«Niyazmat Bobo» farm
Requisites, email, contacts	+998914258000

GENERAL INFORMATION

Number and types of jobs created	30
Environmental impact statement (project EIS), which includes expected types and volumes of waste, places of their utilization	To be defined
Information about the land plot for the construction of the enterprise	Will be needed 4 ha of place
Existing infrastructure	Exists
Upcoming construction and installation works	It's going to build construction with sandwich panels
Power requirement (kWh), installed capacity (kWh or megawatt hour)	2 628 000 KWt/year
Demand for water (cub/m)	98 550 cube meters per year
Gas demand (cub/m)	To be defined

MARKET ANALYSIS, PRODUCT DESCRIPTION (WORKS, SERVICES), MARKETING RESEARCH

Type of product	Sturgeon caviar and meat
Annual production (ton. year)	15 tons of caviar and 400 tons of sturgeon fish
Prospective markets sales and their shares:	
Local market sale	5%
Export	95%
Costs of products	116 thousand dollars for tons of product
Demand for raw materials (per year)	600 000 pieces of 3g sturgeon fish, 690 tons of compound food of fish.
Provision of raw materials	Will be provided
Market volume	Currently, the market for sturgeon fish products is filled by only 30-35%, and for sturgeon caviar - by only 15-20%
Expected market share	10 %
Main competitors	«Kaluga queen» enterprise in China and « Russian caviar house» enterprise in Russia
Main target groups of consumers	European Union
Pricing strategy	We are going to sell 1 kg sturgeon caviar for \$300-450
The presence of a formed database of potential customers with a confirmed willingness to purchase products	Will be clarified after start of the Aqua Farm
Presence of marketing research	Exists
Presentation component of the project	Exists
Additional information	No

**PRODUCTION TECHNOLOGY
AND PARAMETERS OF MAIN EQUIPMENT**

Depends on the investor's preferences

Type of equipment	Indoor Recirculating Aquaculture System
Country of origin	Russia, Latvia, China
Performance	Will be clarified after choosing equipment
Cost	Approximately \$4 million
Energy consumption	390 KW/h
Installed capacity	For growing 600 000 pieces of fish, year-round control over all growing condition.
Overall size of equipment	Required place for equipment is 3,5 ha
Weight of main equipment	Will be defined
Number of working hours per year	Equipment will work without disconnection
Number of people involved in the production process and their functions	20-30