

## Full Name of the Project: Cluster for integrated waste recycling

Name of the project	Cluster for integrated waste recycling					
Main goals of project	The country has consistently implemented a policy in the field of environmental protection, rational use of natural resources, as well as improving the sanitary and environmental situation in the regions In continuation of the practical measures required to create an effective system for the collection, transportation, disposal, processing and disposal of solid waste, preventing their harmful effects on public health and the environment					
Sphere /industry	Industry (Creating a cluster for integrated waste management)					
Implementation of schedule project	No					
Location of the project	Khorezm region, Urgench district +99897 443-25-15					
<b>Information about participants of the project:</b>						
- initiator	«Qta NASA energy technologies»					
- creditor	No					
Total costs of project	75.6 million US dollars					
<b>Prospective source of financing:</b>						
- own funds	18.6 million US dollars					
- loans of commercial banks	0					
- the required volume of direct foreign investments	Equipment \$ 57.0 million					
Projected profitability	Approximately 30%					
Projected payback period	7 years					
Cash flows		Years	1	2	3	4
		Revenue	18.6	20.1	21.7	23.2
		Net profit	14.1	14.6	15.1	15.7
Characteristics of the planned production	The country is consistently implementing policies in the field of environmental protection, rational use of natural resources, as well as improving the sanitary and environmental conditions of the regions. Continuing practical measures requires the creation of an effective system for the collection, transportation, utilization, processing and disposal of municipal solid waste, preventing their harmful effects on public health and the environment creation of an effective and modern system for the processing of municipal solid waste; reduction in the volume of municipal solid waste sent for landfill to landfills;					
Capacity of project/productivity	26 thousand tons / year					
Current status of project	Project is at the stage of development					

### Information about the initiator of the project

Full name of the enterprises	Creation of a cluster for the integrated processing of Solid Waste
Requisites, email, contacts	Address, Khorezm region, Urgench district +99897 443-25-15
Statutory fund	Statutory fund About 6 million US dollars

### GENERAL INFORMATION

Number and types of jobs created	To be defined
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	To be defined
Existing infrastructure	To be defined
The required infrastructure	To be defined
Upcoming construction and installation works	To be defined
Designed-estimated documentation	To be defined
Power requirement (kWh), installed capacity (kWh or megawatt hour)	To be defined
Demand for water (cub/m)	To be defined
Gas demand (cu/m)	To be defined

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

Type of product	Industry (Creating an integrated cluster)
Annual production (ton. year)	26 thousand tons / year.
<b>Prospective markets sales and their shares:</b>	
Domestic	100%
Export	0%
Costs of products	Will be clarified at the stage of feasibility study
Demand for raw materials (per year)	Will be clarified at the stage of feasibility study
Provision of raw materials	Will be clarified at the stage of feasibility study
Market volume	Will be clarified at the stage of feasibility study
Expected market share	Will be clarified at the stage of feasibility study
Main competitors	Will be clarified at the stage of feasibility study
Main competitive advantage	Will be clarified at the stage of feasibility study
Main target groups of consumers	Will be clarified at the stage of feasibility study
The structure of sales according to target groups of consumers	Will be clarified at the stage of feasibility study
Pricing strategy	Will be clarified at the stage of feasibility study
Cost structure of the final product	Will be clarified at the stage of feasibility study

The presence of a formed database of potential customers with a confirmed willingness to purchase products	Will be clarified at the stage of feasibility study
Presence of marketing research	Availability of patents, licenses, certificates in accordance with the current legislation
Presentation component of the project	yes
Additional information	Will be clarified at the stage of feasibility study
Project risks	The stability of the regional economy to external shocks (risks) - the ability of the region's economy to adapt to changing economic conditions and overcome crisis recessions, as well as the presence of business entities

### **PRODUCTION TECHNOLOGY AND PARAMETERS OF MAIN EQUIPMENT**

Depends on the investor's preferences

Type of equipment	Will be clarified after choosing equipment
Country of origin	Will be clarified after choosing equipment
Performance	Will be clarified after choosing equipment
Cost	Approximately \$ 57.0 million
Energy consumption	Will be clarified after choosing equipment
Installed capacity	Will be clarified after choosing equipment
Overall size of equipment	Will be clarified after choosing equipment
Weight of main equipment	Will be clarified after choosing equipment
Node of main equipment (lines)	Will be clarified after choosing equipment
Number of working hours per year	Will be clarified after choosing equipment
Duty cycle	Will be clarified after choosing equipment
Periodicity of the planned –warning repair (design and preparation works)	Will be clarified after choosing equipment
Number of people involved in the production process and their functions	Will be clarified after choosing equipment

\* the above data is preliminary, will be clarified at the stage of the feasibility study