

**MINISTRY OF INVESTMENTS AND FOREIGN TRADE OF THE
REPUBLIC OF UZBEKISTAN**

“Float glass manufacturing”

CENTER FOR DEVELOPMENT OF INVESTMENT PROJECTS

Uzbekistan main socio-economic indicators



Area

448,978 km²



Population

33,5 mln.
(average age- 29 age)



Income Growth

7,1%



Urbanization

~50%



Industry growth

Growth in 2017 6%
Growth in 2018 9.9%



GDP

\$ 50.5 billion
5.1% annual growth



State debt

21.8% of GDP, "moderate" by
World Bank rating



Dynamic export growth *

Export 13.7 billion US dollars
(22% increase by 2018)



Stable fiscal position

- 1.1% of GDP 2018
- 1% of GDP 2019



In 2020, 69 position
In 2019, 76 positions
In 2015, 141 positions

* (for 9 months of 2019)

Key project indicators



Project cost

\$ 31.92 million



Capacity

3.8 million square meters
m / year



Equipment

\$ 22.8 million



Construction and installation

\$ 9.12 million

Forecast Results
(million US dollars)

	1 year	2 year	3 year	4 year
Revenue	13,68	14,82	15,96	17,1
EBITDA	6,9	7,3	7,6	7,9



IRR

14 %



NPV

\$ 12.2 million



Payback period

4,4 years

Project “Production of glass using float technology”

Purpose:

The main goal of this project is to meet the needs of the construction, automotive and furniture industries of the Republic of Uzbekistan in high-quality and affordable glass products, introduce modern technologies and best practices of leading world manufacturers, increase the export potential of the Republic of Uzbekistan by exporting finished products to the CIS countries.

Tasks:

To organize the production of high-quality products in high demand in the markets;
Introduce modern technology into production, while increasing labor productivity and providing consumers with products that meet international standards;
Saturate the market with high-quality products of own production;
Significantly reduce the import of sheet glass into the Republic, which according to the State Statistics Committee of the Republic of Uzbekistan. for 2018 amounted to \$ 44.35 million. At the same time, the construction industry, which is growing rapidly every year, creates enormous potential for these products.

The effect:

- ⚙ The volume of planned tax deductions is from 1.6 to 3 million US dollars per year on average after the project reaches full capacity.
- ⚙ Creation of new jobs (180 people)

Market Position:

At present, there is a significant shortage of glass products and their imports worth more than \$ 44 million;

The main import of flat glass to Uzbekistan is high-quality glass of the M0 brand;

The share of M1 brand glass produced in the republic is not more than 1/3 of the total output;

The main part of the manufactured products has dimensions of 2.0x1.5 m. And, due to the large amount of waste, leads to a rise in the cost of the final product - double-glazed windows.

Project Prospects and Risks

Strengths:

Release of products that are in fairly high demand in the market;

Creation of new jobs;

Use of advanced technologies and modern equipment;

Localization of import.

Weaknesses:

The risk associated with failure to achieve the planned level of capacity in connection with the physical and technical properties of raw materials;

The risk associated with insufficient qualifications of personnel.