

# CONSTRUCTION MATERIALS

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Total – **2** projects from  
businesses of the region

**Creation of construction materials manufacture**  
(Misto Bud M LLC, Dnipropetrovsk region)

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**Creation of float glass production** («Orion-Glass-Float» LLC, the city of Vilnohirsk)

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## Creation of construction materials manufacture



**Creation of production lines of energy saving materials** (thermo facade) and the concrete products for urban landscaping (paving slabs, edgings and decorative concrete products).

Considering market conditions, it is planned to expand production, namely: concrete of various grades, road curbs, lighting poles, reinforced concrete trays, concrete fences.

Equipment: thermal vacuum moulder, dry press for paving slabs, sawmill for cutting fiber cement boards, vibrating table for casting, concrete unit for the production of various grades concrete.

Approximate volume:

Concrete - 200 m<sup>3</sup> per hour.

Plate thermofacade - 500 m<sup>2</sup> per hour.

Paving slabs - 1400 m<sup>2</sup> per hour.



### Initiator

Misto Bud M LLC



### Duration

6 months



### Project goals

- Meeting the demand for the high-quality modern energy-saving materials and the concrete products for urban landscaping;
- creation of 20 new jobs.



### Project economic indicators

**Required investment capital:** \$2.2 mln

Own floating assets – \$100 thousand.

Net Present Value (NPV)	\$3 mln	Payback period (PP)	2 years 7 months
Profitability index (PI)	1,36	EBITDA	\$800 thousand.
Internal Rate of Return (IRR)	46%		



## Creation of construction materials manufacture



### Technical parameters of the project

#### Land plot characteristics:

- land plot area: 2,5 thousd. m<sup>2</sup>;
- intended purpose: 3.1.5 землі підприємств;
- leaseholder: "Misto Bud M" LLC.

#### Company's resources:

- workshop 300 m<sup>2</sup>;
- thermovacuum molder;
- dry press for paving slabs;
- sawmill for fiber cement board;
- vibrating tables;
- forklift truck;
- heavy vehicles.

#### Engineering infrastructure:

gas, water, sewerage, electricity available.

#### Logistics infrastructure:

- highway H-23 – 10 km;
- railway station- 3 km;
- river port – 15 km.



### Mechanisms for cooperation

- share participation;
- creation of joint venture.



### Additional information

The company is a manufacturer of energy-saving "thermal facade" tiles for insulating existing buildings and structures, as well as the manufacture of paving slabs. Today, when energy efficiency is a real trend of our time this business is something more than just a relevant and profitable.

Energy modernization and energy efficiency are important areas in construction that are supported by the government and local authorities.



**Project location:** the city of Marhanets, Dnipropetrovsk region



**Dnipropetrovsk Regional Investment Agency**

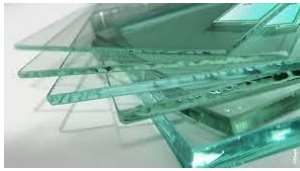
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## Creation of float glass production



The territory in the industrial zone of Vilnohirsk is offered for creation of float-glass production.

The territory has favorable logistical infrastructure - access roads and railroad tracks are located at a distance of 100 m. There is also a raw material base for quick start of the project: quartz sand for glass industry produced by the branch "Vilnohirsk Mining and Metallurgical Plant" of JSC "United Mining and Chemical Company".

Currently Ukraine does not produce float glass.

The project realization is envisaged through location of float-glass production by a profile company, with possible cooperation with a Ukrainian enterprise.



Enterprise to Cooperate with:

«Orion-Glass-Float» LLC

<https://www.orionglass.com.ua/>



Duration

1 year



### Project goals:

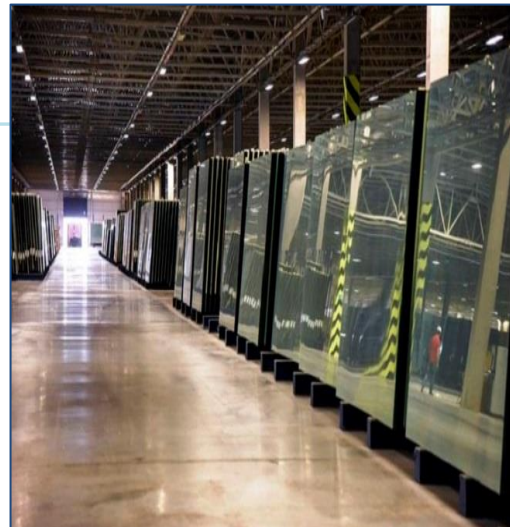
- to provide the Ukrainian market with domestic float glass;
- to invest in float-glass production, import of which is 97% (\$150 mln/year);
- to use cooperation with local industrial enterprises, which extract raw materials (quartz sands) for float-glass production, to reduce production costs;
- create new jobs;
- attract the capacities of local enterprises to the project realization.

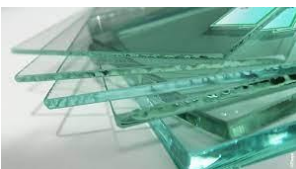


### Project economic indicators

Potential project cost: **\$200 mln**

Expected performance: **750 tons per day**





## Creation of float glass production



### Project technical parameters

#### Characteristics of plots:

area: 26 ha;

intended use: industrial land;

cadastral numbers: assigned.

private ownership: Orion-Glass-Float LLC

The land plot is included into the General Plan of Vilnohirsk city.

#### Engineering infrastructure:

water supply/wastewater disposal - is absent, there is a possibility of connection to the nearest point  $\varnothing$  200 mm and supply volume of 100 m<sup>3</sup> at a distance of 0.2 km; sewage collector  $\varnothing$  600 mm at a distance of 0.2 km;

gas supply - there is no gas supply, the nearest gas distribution point with a supply volume of 2500 m<sup>3</sup> per hour at a distance of 1.6 km;

electricity supply - 330/150/35/35/6 kV substation is located at a distance of 0.3 km.

#### Logistics infrastructure:

territorial highway - 1.5 km;

railroad - 0.4 km;

railway station - 3.7 km;

Dnipro - 108 km;

Kryvyi Rih - 103 km;

Zaporizhzhia - 171 km.



### Mechanism of cooperation

- the creation of a joint venture.

#### «Orion-Glass-Float» LLC:

- an operating enterprise for industrial processing of glass, production of glassware and insulating glass units for use in construction, transportation engineering, furniture, commercial and industrial equipment, interior decoration and other areas.



### Additional information

#### Neighboring land plots:

Vilnohirsk Glass Ltd;

sand processing unit;

Vilnohirsk railroad station;

Vilnohirsk motor transportation enterprise;

electric substation "VDGMK".



### Project Location:

Vilnohirsk, Dnipropetrovsk region



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