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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%		



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### 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



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