

## Marketing information:

Production of crushing and screening equipment -crushing and screening equipment can be an independent enterprise or a workshop of ore and coal processing plants. As an independent enterprise, crushing and screening factories are used in the processing of minerals to obtain non-metallic building materials (for example, crushed stone, sand, etc. which is used for construction).

### MARKETING OUTLET:

**FOR UZBEKISTAN**

**IMPORT:**

**for 2020 year – \$219,8 million.USA;**

**FOR OTHER COUNTRIES CENTRAL ASIA**

**IMPORT:**

**for 2020 year – \$103,9 million.USA;**

**CIS**

**for 2020 year– \$308,8 million.USA;**

**LEADING EUROPEAN COUNTRIES**

**for 2020 year– \$530,3 million.USA;**

**Leading Asian countries**

**for 2020 year – \$424,3 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

Annual demand is \$668,8 million USA

### ECONOMIC ITEMS



\$120,0 mill.



160 000 pc.



34



IRR: 31,05%

NPV: \$ 234,22 mill.

JSC "NMMC"

tel: +998 79 227-71-45, +998 79 227-75-58

## Organization of production of crushing and screening equipment

**(HS 847410-847420)**

**«Marketing card»**



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	FABO MAKINA	Turkey
2	GEBR. JEHMLICH GMBH	Germany
3	CRIFI SRL	Italy
4	LUDE LLC	Russia

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

## Marketing information :

**Machine tool industry**, the leading branch of mechanical engineering, which creates metalworking and woodworking machines, automatic and semi-automatic lines, complex-automatic production for the manufacture of machinery, equipment and metal products, etc. for all branches of the national economy. construction materials, forging and pressing, foundry and woodworking equipment.

### MARKETING OUTLET:

#### FOR UZBEKISTAN

#### IMPORT:

**for 2020 year – \$40,8 million.USA;**

#### FOR OTHER COUNTRIES CENTRAL

#### ASIA

#### IMPORT:

**for 2020 year – \$41,5 million.USA;**

#### CIS

**for 2020 year – \$791,5 million.USA;**

#### LEADING EUROPEAN COUNTRIES

**for 2020 year – \$ 3,064,7 million.USA;**

#### Leading Asian countries

**for 2020 year – \$5,296,6 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

**Annual demand is \$3,936,9 million USA**

### ECONOMIC ITEMS



\$50,0 mill.



350 units



46



IRR: 28,70%

NPV: \$ 85,07 mill.

JSC "NMMC"

tel: +998 79 227-71-45, +998 79 227-75-58

## Localization and production of machine tools for the manufacturing industry (HS 8457-8463)

*«Marketing card»*



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	TRUMPF	Germany
2	SHENYANG GROUP	China
3	AMADA	Japan
4	DMTG	China

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## Marketing information :

Glass is an amorphous material that is obtained as a result of cooling the melt. It is characteristic for this substance to be both in a liquid state and in a solid state. Auto glass is a high-tech and very durable product. There are two types of auto glass: triplex and tempered (red-hot, stalinite). Triplex is used for the windshield, and the side and rear auto glass are made of tempered glass. Both of these technologies are used to ensure that the glass is not only durable.

### MARKETING OUTLET:

#### FOR UZBEKISTAN

#### IMPORT:

for 2020 year – \$13,0 million.USA;

#### FOR OTHER COUNTRIESCENTRAL

#### ASIA

#### IMPORT:

for 2020 year – \$27,0 million.USA;

#### CIS

for 2020 year – 221,0 million.USA;

#### LEADING EUROPEAN COUNTRIES

for 2020 year – \$2 487,6 million.USA;

#### Leading Asian countries

for 2020 year – \$3 806,4 million.USA;

### POTENTIAL MARKETS OF OTHER COUNTRIES

Annual demand is \$1,675.5 million USA.

### ECONOMIC ITEMS



\$98 mill.



2 mill. sq.m.



74



IRR: 19,7%

NPV: \$ 96,85 mill.

Association «Uzpromstromaterial»  
tel: +998909493443.

## Organization of the production of architectural and automotive glass (HS 700319,700312,700521,700510,700721,700711,700800)

«Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	AKW APPARATE+VERFAHREN GMBH	Germany
2	TEK METAL PROFIL SAN. TIC. LTD. STI	Turkey
3	HENRY F. TEICHMANN, INC	USA
4	MSC&SGCC	France

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Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

## Marketing information :

**Sandwich panel** is a multilayer building material having a three-layer structure consisting of two sheets of rigid material (metal, PVC, fiberboard, magnesite plate) and a layer of insulation (mineral wool, polypropylene, fiberglass, polystyrene foam) between them. All details of sandwich panels are glued together by hot or cold pressing. Depending on the purpose, roofing and wall panels are allocated.

## MARKETING OUTLET:

### FOR UZBEKISTAN

#### IMPORT:

**for 2020 year – \$54,2 million.USA;**

### FOR OTHER COUNTRIESCENTRAL ASIA

#### IMPORT:

**for 2020 year – \$458,3 million.USA;**

#### CIS

**for 2020 year – \$941,1 million.USA;**

### LEADING EUROPEAN COUNTRIES

**for 2020 year –\$ 7 122,9 million.USA;**

### Leading Asian countries

**for 2020 year –\$ 4 646,5 million.USA;**

## POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$4 579,4 million.USA;**

## ECONOMIC ITEMS



\$130,0 mill.



40 000 tons



87



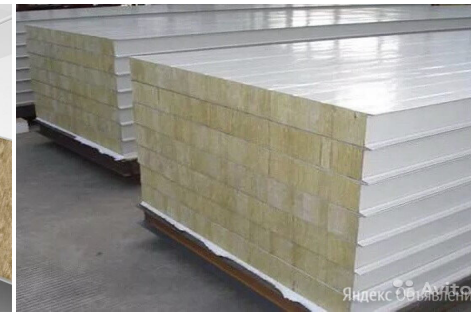
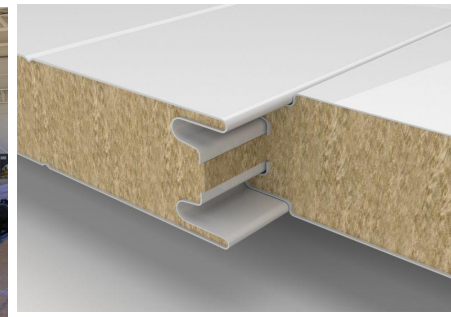
IRR: 17,28%

NPV: \$ 105,3 mill.

Ministry of "Uzpromstroyaterials"tel:  
+998712101104, info@mc.uz

## Production of mineral wool and cassette sandwich panels based on basalt stone HS (761090,730890)

**«Marketing card»**



## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	HOESCH BAUSYSTEME GMBH.	Germany
2	POLVA-TERM	Italy
3	KL PANEL CO., LTD.	Korea
4	ASSAN PANEL SAN. A.S.	Turkey

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Tel: +998712020210, uzipa@invest.gov.uz

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Tel: +998712522098 info@cdip.uz

## Marketing information :

Porcelain and faience belong to the group of fine ceramics. Porcelain has a dense baked shard, impervious to water and gas. Faience has a more porous shard and allows water to pass through. To give waterproofness and hardness, as well as for decorative purposes, faience and porcelain products are covered with glaze. Sanitary construction products, porcelain and

earthenware are made from natural silicates-clay, sand, etc.

## MARKETING OUTLET:

### FOR UZBEKISTAN

#### IMPORT:

**for 2020 year - \$10,89 million.USA;**

### FOR OTHER COUNTRIESCENTRAL ASIA

#### IMPORT:

**for 2020 year – \$46,1 million.USA;**

#### CIS

**for 2020 year –\$163,0 million.USA;**

### LEADING EUROPEAN COUNTRIES

**for 2020 year –\$1 072,5 million.USA;**

#### Leading Asian countries

**for 2020 year – \$892,8 million.USA;**

## POTENTIAL MARKETS OF OTHER COUNTRIES

The annual market is \$847,4 million.USA;

## ECONOMIC ITEMS



\$60,0 mill.



600 000 pc.



96



IRR: 15,90%

NPV: \$ 42,8 mill.

Association «Uzpromstromaterial»  
tel: +998909493443.

## Production of porcelain, electro-porcelain, earthenware, sanitary construction products of silicate blocks (HS 854610-854690-691110-691190)

«Marketing card»



## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	«Фарфор–Электро»	Russia
2	«Фабрика Дю Пакье»	Australia
3	«Иль-де-Франс»	France
4	«Real Fábrica de Loza y Porcelana»	Spain

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdirp.uz

## Marketing information:

Wehrhahn (Germany) - supplies technological equipment for the production of autoclave aerated concrete, as well as for the production of fiber cement sheets and autoclave hardening. These building materials are used in the construction of all types of buildings: apartment buildings, individual housing, hotels, commercial buildings, schools, hospitals, gyms, etc.

## MARKETING OUTLET:

**FOR UZBEKISTAN  
IMPORT:**

**for 2020 year – \$10 397 million.USA;**

**The need for residential space in Tashkent and the Tashkent region:**

**\$8,5 million sq.m.**

**Demand for the products of the Tashkent city and Tashkent region project:**

**\$1 695,9 million.USA;**

## ECONOMIC ITEMS



**\$50 mill.**



**250 000 sq.m.**



**48**



**IRR: 27,6 %**

**NPV: \$ 80,5 mill.**

GC "Goskomgeologiya"  
tel: 71 2568653, 71 2568638

## Creation of a house-building plant

**«Marketing card»**



## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

Water and sewerage are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	RATEC	Germany
2	WEILER	Germany
3	ULTRASPAN	USA
4	Echo Precast	Belgium

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

## Marketing information :

**Fireglass** - composite is a new composite material based on fiberglass, used for the production of profiles, double-glazed windows, doors, office partitions. Double-glazed windows made of fiberglass composite are distinguished by unprecedented strength when compared with traditional PVC windows. Fiberglass is stronger than steel, which means that it is possible to make window frames with thin bindings - 3.5 mm. And this saves both the material itself and reduces the weight of the finished product.

### MARKETING OUTLET:

#### FOR UZBEKISTAN

#### IMPORT:

**for 2020 year – \$3,4 million.USA;**

#### FOR OTHER COUNTRIESCENTRAL ASIA

#### IMPORT:

**for 2020 year – \$11,3 million.USA;**

#### CIS

**for 2020 year – \$130,7 million.USA;**

#### LEADING EUROPEAN COUNTRIES

**for 2020 year – \$1 567,0 million.USA;**

#### Leading Asian countries

**for 2020 year – \$1 483,0 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

The annual market is \$1 255,0 million.USA;

### ECONOMIC ITEMS



\$51 mill.



2 mill. sq.m



76



IRR: 19,12%

NPV: \$ 48,06 mill.

Association «Uzpromstromaterial»  
tel: +998909493443

## Production of composites "Fireglass"

**(HS 701911-701912-701940-701990-701919-701952-701959-701932)**

### «Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Glt Fabricators Inc	USA
2	«Inline Fiberglass Ltd.»	Canada
3	Yuyao Winter International Trading Co., Ltd	China
4	Synergy Offshore Marine Pte Ltd	France

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Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

## Marketing information :

Building mixes are a powdered product that consists of several main ingredients: binder - Portland cement, cement, gypsum, lime, polymer powders, anhydrite; fine filler - marble chips, sand, dolomite, crushed limestone, expanded clay, perlite, chalk, fibrous materials.

### MARKETING OUTLET:

**FOR UZBEKISTAN  
IMPORT:  
for 2020 year - \$9,3 million.USA;**

**FOR OTHER COUNTRIES  
CENTRAL ASIA  
IMPORT:  
for 2020 year – \$29,6 million.USA;  
CIS  
for 2020 year – \$291,9 million.USA;  
LEADING EUROPEAN COUNTRIES  
for 2020 year – \$446,9 million.USA;  
Leading Asian countries  
for 2020 year – \$273,7 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

The annual market is \$371,1 million.USA;

### ECONOMIC ITEMS



\$90,0 mill.



150 000 tons



IRR: 18,84%

NPV: \$ 80,37 mill.

80

Association «Uzpromstromaterial»  
tel: +998909493443

## Production of special construction mixtures (HS 382450)

«Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	ARDEX Baustoff GmbH	Germany
2	DRIZORO S.A.	Spain
3	Knauf	Germany
4	Beijing MUHU Concrete Admixture Co., Ltd	China

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz



## Marketing information :

**Cement** is an artificial inorganic hydraulic binder. One of the main building materials. When interacting with water, aqueous solutions of salts and other liquids, it forms a plastic mass, which then hardens and turns into a stone-like body. It is mainly used for the manufacture of concrete and mortar.

Most of the available capacities produce low-grade cement today, which creates some pressure on the construction sector. In this regard, forced to buy high-grade cement in neighboring countries.

## MARKETING OUTLET:

### FOR UZBEKISTAN IMPORT:

**for 2020 year – \$130,8 million.USA;**

### FOR OTHER COUNTRIES CENTRAL ASIA IMPORT:

**for 2020 year – \$165,6 million.USA;**

### CIS

**for 2020 year – \$189,0 million.USA;**

### LEADING EUROPEAN COUNTRIES

**for 2020 year – \$1 168,0 million.USA;**

### Leading Asian countries

**for 2020 year – \$2 147,9 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$1 575,3 million.USA;**

## ECONOMIC ITEMS



\$50,0 mill.



260 000 tons



95



IRR: 16,06%

NPV: \$ 36,16 mill.

Association «Uzpromstromaterial»  
tel: +998909493443

## Production of cement of high grades (500 and above) (HS 252310 – 252321 – 252330 - 252390 )

### «Marketing card»



## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	DYCKERHOFF GMB	Germany
2	CEMEX ESPAÑA	Spain
3	JURONG TCC CEMENT CO., LTD.	China
4	DYCKERHOFF GMBH	France

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Tel: +998712020210, uzipa@invest.gov.uz

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## Marketing information :

**Lithium carbonate** is a salt obtained during an inorganic compound, a reaction between the alkali metal lithium and carbonic acid. Today, this reagent is in high demand in various industrial industries, including the industrial production of lithium-ion batteries and complexes aimed at energy storage.

### MARKETING OUTLET:

#### FOR UZBEKISTAN IMPORT:

**for 2020 year –\$0,067 million.USA;**

#### FOR OTHER COUNTRIES CENTRAL

##### ASIA IMPORT:

**for 2020 year –\$0,12 million.USA;**

##### CIS

**for 2020 year – \$48,6 million.USA;**

#### LEADING EUROPEAN COUNTRIES

**for 2020 year –\$94,1 million.USA;**

#### Leading Asian countries

**for 2020 year – \$1 627,5 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$111,3 million.USA;**

### ECONOMIC ITEMS



\$59,5 mill.



4 400 tons



40



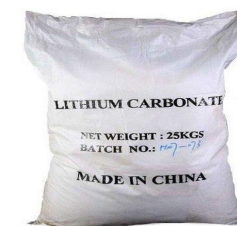
IRR: 31,48 %

NPV: \$ 115,47 mill.

GC "Goskomgeologiya"  
tel: 71 2568653, 71 2568638

## Development of the Shavazsay lithium deposit in the Tashkent region for the subsequent production of HS batteries (28252000)

**«Marketing card»**



**Юрреактив**  
KAZA PROMOTION GROUP

### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

Water and sewerage are provided by supplying communications during construction.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of supply of raw materials for the project are provided at the expense of the lithium deposit of the Tashkent region.

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Jiangxi Ganfeng Lithium	China
2	Sociedad Quimica y Minera de Chile S.A.	Chile
3	Albemarle Corporation	USA
4	Jujuy Energía y Minería Sociedad del Estado	Argentina

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## Marketing information:

Graphite is an excellent conductor of heat and electricity, and also has the highest strength among other natural materials. And recently, this mineral has begun to gain popularity.

## MARKETING OUTLET:

### FOR UZBEKISTAN IMPORT:

for 2020 year – \$1,3 million.USA;

### FOR OTHER COUNTRIES IMPORT:

#### Central Asia and the CIS

for 2020 year – \$305,8 million.USA;

#### LEADING EUROPEAN COUNTRIES

for 2020 year – \$1592,5 million.USA;

#### Leading Asian countries

for 2020 year – \$1492,2 million.USA;

## POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$3920 million.USA;**

## ECONOMIC ITEMS



\$48,0 mill.



40 th. tons



96



IRR: 15,9 %

NPV: \$ 34,24 mill.

GC "Goskomgeologiya"  
tel: 71 2568653, 71 2568638

## Graphite mining and processing in Bukhara region (Pawn, 1st stage)

**HS Code (250410000)**

**«Marketing card»**



## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

Water and sewerage are provided by supplying communications during construction.

There are enough labor resources and additional training of personnel will be provided in the project.

The sources of providing raw materials for the project are provided at the expense of the graphite deposit of the Bukhara region.

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Shanshan Technology и LuiMao Graphite	China
2	Tirupati Carbon & Graphite	India
3	Nacional de Grafite	Brazil
4	«Дальграфит» и «Уралграфит».	Russia

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## Marketing information:

**Tungsten** is the basis of hard alloys and many heat-resistant alloys, is a part of wear-resistant alloys and tool steels. From it and alloys are made: parts of aircraft engines, filaments and parts in electric vacuum devices. The most common are tungsten electrodes, wire, tungsten powder, etc.

### MARKETING OUTLET:

#### FOR UZBEKISTAN

#### IMPORT:

**for 2020 year – \$0,025 million.USA;**

#### FOR OTHER COUNTRIES CENTRAL

#### ASIA

#### IMPORT:

**for 2020 year – \$2,4 million.USA;**

#### CIS

**for 2020 year – \$16,4 million.USA;**

#### LEADING EUROPEAN COUNTRIES

**for 2020 year – \$181,3 million.USA;**

#### Leading Asian countries

**for 2020 year – \$210,8 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

The annual market is \$267,2 million.USA;

### ECONOMIC ITEMS



\$58 mill.



930 tons



96



IRR: 15,91 %

NPV: \$ 41,40 mill.

GC "Goskomgeologiya"  
tel: 71 2568653, 71 2568638

## Development of the Ingichke tungsten deposit of HS (26110000)

**«Marketing card»**



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

Water and sewerage are provided by supplying communications during construction.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided at the expense of the tungsten deposit of the Samarkand region.

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Luoyang Tongchang Tungsten &	China
2	Luoyang Jiangchi Metal Material Co., Ltd.	China
3	Foshan HDB Tungsten Industry Co., Ltd	China
4	АО Кировградский завод твердых сплавов	Russia

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Tel: +998712020210, uzipa@invest.gov.uz

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## Marketing information:

Silver is a metal that is the most popular of the noble group. It is used not only for making jewelry. About 50% of silver is used in industry. This is due to the special properties of the material. Main fields of application: electronics, chemical production, medicine.

### MARKETING OUTLET:

#### FOR UZBEKISTAN

##### IMPORT:

**for 2020 year – \$20,2 million.USA;**

##### EXPORT:

**for 2020 year – \$116,1 million.USA;**

#### FOR OTHER COUNTRIES CENTRAL ASIA

##### IMPORT:

**for 2020 year –\$1,1 million.USA;**

##### CIS

**for 2020 year– \$58,3 million.USA;**

#### LEADING EUROPEAN COUNTRIES

**for 2020 year – \$3 479,2 million.USA;**

#### Leading Asian countries

**for 2020 year –\$6 261,6 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$8 631,2 million.USA;**

### ECONOMIC ITEMS



\$72 mill.



50 tons



92



IRR: 16,44 %

NPV: \$ 54,06 mill.

GC "Goskomgeologiya"  
tel: 71 2568653, 71 2568638

## Development of silver and polymetallic deposits (nickel and cobalt)

### ore "Aktepe"

**HS (71069100, 71061000)**

**«Marketing card»**



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

Water and sewerage are provided by supplying communications during construction.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of supply of raw materials for the project are provided at the expense of deposits of silver and polymetallic ores of the Namangan region..

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Fresnillo	Mexico
2	Fortuna Silver Mines	Peru
3	Silvercorp Metals	China
4	«Полиметалл»	Russia

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## Marketing information:

Fluorspar is the mineralogical name of fluorite.

Most of the minerals are extracted specifically for production. Fluorite is used in the following industries: metallurgical, ceramic, glass, cement, nuclear, in the production of aluminum and welding electrodes, as well as the jewelry industry.

### MARKETING OUTLET:

#### FOR UZBEKISTAN

##### IMPORT:

**for 2020 year – \$0,01 million.USA;**

##### EXPORT:

**for 2020 year –\$0,07 million.USA;**

#### FOR OTHER COUNTRIES CENTRAL

##### ASIA

##### IMPORT:

**for 2020 year – \$2,3 million.USA;**

#### LEADING EUROPEAN COUNTRIES

**for 2020 year – \$3,6 million.USA;**

##### Leading Asian countries

**for 2020 year –\$64,3 million.USA;**

### POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$2,1 million.USA;**

### ECONOMIC ITEMS



\$12,5 mill.



12 500 tons



65



IRR: 21,68 %

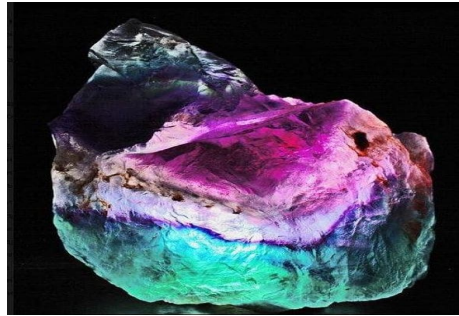
NPV: \$ 14,18 mill.

## Development of the "Aurakhmat" fluorite deposit

### in the Tashkent region

#### HS (252510)

**«Marketing card»**



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

Water and sewerage are provided by supplying communications during construction.

There are enough labor resources and additional training of personnel will be provided in the project.

The sources of providing raw materials for the project are provided for by the fluorite deposit of the Tashkent region.

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	SAFEE ELECTRIC EQUIPMENT Co., Limited	China
2	Liaoning Metals and Minerals Co., Ltd.	China
3	Grupo Empresarial Kaluz	Mexico
4	ООО ГОРНОДОБЫВАЮЩАЯ КОМПАНИЯ `СУРАН`	Russia

## Marketing information:

ALUMINA (aluminum oxide, Al<sub>2</sub>O<sub>3</sub>), a mineral used as an abrasive, as well as for electrical insulation and lining of furnaces. The impurity-containing, hydrated form of alumina, BAUXITE, is the main ore from which aluminum is extracted. One of the varieties of alumina is also corundum, which in combination with some impurities gives precious stones, SAPPHIRE and RUBY.

### MARKETING OUTLET: FOR UZBEKISTAN

#### IMPORT:

for 2020 year – \$2,4 million.USA;

for 2020 year – \$3,2 million.USA;

for 2020 year – \$2,0 million.USA;

### FOR OTHER COUNTRIES CENTRAL ASIA IMPORT

for 2020 year – \$96,4 million.USA;

#### CIS

for 2020 year – \$1 510,0 million.USA;

**LEADING EUROPEAN COUNTRIES**

for 2020 year – \$1 466,0 million.USA;

#### Leading Asian countries

for 2020 year – \$2 551,2 million.USA;

### POTENTIAL MARKETS OF OTHER COUNTRIES

The annual market is \$2 019,9 million.USA;

### ECONOMIC ITEMS



\$300 mill.



50 000 tons



78



IRR: 18,87 %

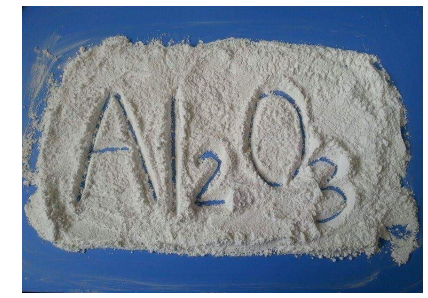
NPV: \$ 277,24 mill.

GC "Goskomgeologiya"  
tel: 71 2568653, 71 2568638

## Comprehensive development of the Gushsay alunite deposit, alumina production in the Tashkent region

**HS (28182000, 69032000)**

**«Marketing card»**



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

Water and sewerage are provided by supplying communications during construction.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of providing raw materials for the project are provided at the expense of the alunite deposit of the Tashkent region.

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Alcoa Corporation	USA
2	Xinfa Aluminum & Electricity Group	China
3	Rio Tinto Group	Australia
4	ОАО «РУССКИЙ АЛЮМИНИЙ»	Russia

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

### Marketing Information:

**Technical silicon** is used as a raw material for the production of purer polycrystalline silicon, purified metallurgical silicon, for the production of "solar" silicon for solar cells, as well as in the production of silumins and other alloys of the Al-Si system, ferrosilicon, ferrosilicon manganese, ferrosilicon and other ferroalloys

### MARKET OUTLETS:

#### FOR UZBEKISTAN

**IMPORT: \$0,5 million.USA;**

### LEADING EUROPEAN COUNTRIES

#### IMPORT:

**for 2020 - \$1,01 billion.USA;**

**for 2019 - \$1,1 billion.USA;**

**for 2018 – \$1,3 billion.USA**

### LEADING ASIAN COUNTRIES

#### IMPORT:

**for 2020 - \$0,84 billion.USA;**

**for 2019 - \$0,96 billion.USA;**

**for 2018 – \$1,3 billion.USA**

### POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$0,82 billion.USA**

### ECONOMIC ITEMS



**\$30,0 mill.**



**30 000 tn.**



**3,4 years**



**IRR: 30,02%**

**NPV: \$54,4 mill.**

## Production of Technical silicon

### HS (2804610000)

### «Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of supply of raw materials for the project are provided at the expense of the deposits of the Tashkent and Jizzakh regions

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	РУСАЛ	Russia
2	GCL-Poly Energy	China
3	Wacker Chemie AG	Germany
4	OCI	South Korea



# Production of Electronic Polysilicon (semiconductors) and solar Quality (photovoltaics) HS (2804610000)

## Marketing Information:

Polycrystalline silicon of electronic quality is mainly used to produce cylindrical crystals for the electronics of rectangular multicrystalline blocks, cylindrical crystals, plates for solar energy.

## MARKET OUTLETS:

### FOR UZBEKISTAN

**IMPORT: \$0,5 million.USA;**

## LEADING EUROPEAN COUNTRIES

### IMPORT:

**for 2020 - \$1,01 billion.USA;  
for 2019 - \$1,1 billion.USA;  
for 2018 – \$1,3 billion.USA**

## LEADING ASIAN COUNTRIES

### IMPORT:

**for 2020 - \$0,84 billion.USA;  
for 2019 - \$0,96 billion.USA;  
for 2018 – \$1,3 billion.USA**

## POTENTIAL MARKETS OF OTHER COUNTRIES

**The annual market is \$0,82 billion.USA**

## ECONOMIC ITEMS



**\$1,5 billion.**



**10 000 tn.**



**4 years**



**IRR: 27,63%**

**NPV: \$2,42 billion.**



**«Marketing card»**

## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	РУСАЛ	Russia
2	GCL-Poly Energy	China
3	Wacker Chemie AG	Germany
4	OCI	South Korea

## Production of batteries for electric vehicles HS (850440)

### Marketing Information:

The battery for an electric car is the main source of energy that drives an electric car.

### MARKET OUTLETS:

#### FOR UZBEKISTAN

##### IMPORT:

**for 2020 – \$31,6 million.USA;**

**for 2019 – \$32,6 million.USA;**

**for 2018 – \$23,5 million.USA;**

##### EXPORT:

**for 2020 – \$0,2 million dollars.USA;**

**for 2019 – \$0,1 million US dollars.**

**for 2018 – \$0,01 million US dollars.**

#### FOR OTHER COUNTRIESCENTRAL ASIA

##### IMPORT:

**for 2020 – \$ 252,2 million.USA;**

**for 2019 – \$179,7 million.USA;**

**for 2018 – \$119,9 million US dollars**

#### POTENTIAL MARKETS IN OTHER COUNTRIES

The annual market is \$64,4 billion.USA

### ECONOMIC ITEMS



\$1,2 billion.



240 000 pc.

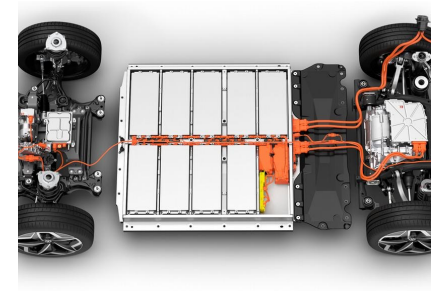
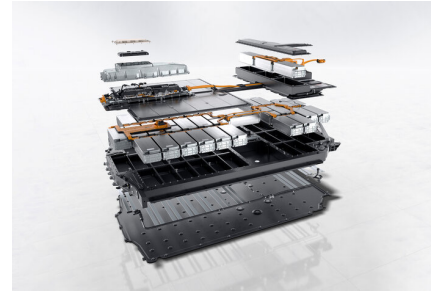


4 years



IRR: 27,63%

NPV: \$1,93 billion.



**«Marketing card»**

### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports.

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	CATL	China
2	Samsung SDI	South Korea
3	LG Chem	South Korea
4	BYD	China

## Marketing Information:

**Lithium-ion** cells are battery cells of various shapes and sizes that allow you to assemble a battery of the desired capacity. When the cells are connected in series, the voltage increases, and when connected in parallel, the battery capacity increases. Energy storage systems - Storage batteries for renewable energy sources, hybrid installations, systems for optimizing the cost of electricity supply. The main task of a storage battery is to accumulate energy when it is available (or it is cheap) and give it out when it is not (or it is expensive)

### MARKET OUTLETS:

#### FOR UZBEKISTAN IMPORT:

**for 2020 – \$3,3 million.USA;**  
**for 2019 – \$4,3 million.USA;**  
**For 2018 – \$2,6 million.USA**

#### FOR OTHER COUNTRIES CENTRAL ASIA IMPORT:

**for 2020 – \$10,6 million.USA;**  
**for 2019 – \$11,1 million.USA;**  
**for 2018 – \$6,5 million.USA**

### POTENTIAL MARKETS IN OTHER COUNTRIES

The annual market is \$39,8 billion.USA

### ECONOMIC ITEMS



\$1,0 billion.



200 000 pc.



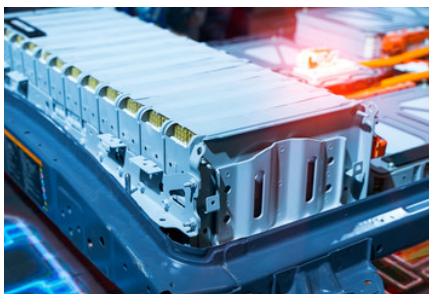
5 years



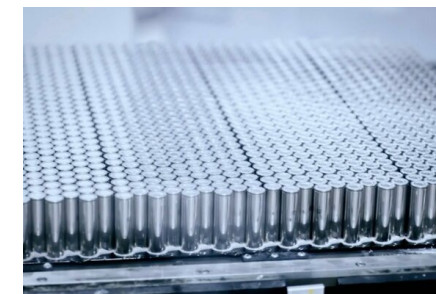
IRR: 23,2%

NPV: \$1,26 billion.

## Production of lithium-ion cells and energy storage systems HS (850760)



### «Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	OOO «PЭHEPA»	Russia
2	Panasonic	Japan
3	Envision AESC	Japan
4	Toshiba	Japan

# Construction of a compressor equipment plant for refrigerators and air conditioners of various capacities

HS Code (841430)

## Marketing information:

A compressor is a device designed to supply compressed gas. This equipment is widely used for a wide variety of purposes, ranging from industrial production to medicine.

## MARKET OUTLETS:

### FOR UZBEKISTAN IMPORT:

**for 2020 – \$47,3 million.USA;**  
**for 2019 – \$43,0 million.USA;**  
**for 2018 – \$30,8 million.USA;**

### FOR OTHER COUNTRIESCENTRAL ASIA

#### IMPORT:

**for 2020 – \$8,9 million.USA;**  
**for 2019 – \$83,5 million.USA;**  
**for 2018 – \$8,2 million US dollars**

### POTENTIAL MARKETS IN OTHER COUNTRIES

**The annual market is \$12,1 billion.USA**

## ECONOMIC ITEMS



\$90,0 million.



225 000 pc.



5,9 years



IRR: 20,27%

NPV: \$92,5 million.



«Marketing card»

## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Samsung	South Korea
2	Jiaxipera	China
3	Danfoss	Denmark
4	«АТЛАНТ»	Belarus

# Production of generics based on manufactured substances of a wide range HS (3003, 3004)

## Marketing information:

**Generic** - a medicinal product containing a chemical substance - an active pharmaceutical ingredient identical to the one patented by the company

### MARKET OUTLETS:

#### FOR UZBEKISTAN IMPORT:

**for 2020 – \$1,127.0 million.USA;**  
**for 2019 – \$825,9 million.USA;**  
**for 2018 – \$758,0 million.USA;**

#### EXPORT:

**for 2020 – \$50,0 million.USA;**  
**for 2019 – \$27,0 million.USA**  
**for 2018 – \$20,0 million.USA**

#### RUSSIA AND NEIGHBORING COUNTRIES CENTRAL ASIAN COUNTRIES

#### IMPORT:

**for 2020 – \$11,6 billion.USA;**  
**for 2019 – \$9,2 billion.USA;**  
**for 2018 – \$9,6 billion.USA**

### POTENTIAL MARKETS IN OTHER COUNTRIES

The annual market is \$416,2 billion.USA

### ECONOMIC ITEMS



\$66,0 mill.



0,5 billion pc.



1,7 years



IRR: 52%  
NPV: \$257,3 mill.



«Marketing card»

## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage. There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Teva Pharmaceutical Industries	Israel
2	Sandoz	Switzerland
3	Sun Pharmaceuticals	India
4	Lupin Pharmaceuticals	India

## Marketing information:

**Biopharmaceuticals** are industries and scientific research based on technologies for producing complex macromolecules identical to those existing in living organisms using recombinant DNA methods, hybridization and cell culture for subsequent use

### MARKET OUTLETS:

#### FOR UZBEKISTAN

##### IMPORT:

**for 2020 – \$1,127,0 million.USA;**

**for 2019 – \$825,9 million.USA;**

**for 2018 – \$758,0 million.USA;**

##### EXPORT:

**for 2020 – \$50,0 million.USA;**

**for 2019 – \$27,0 million.USA;**

**For 2018 – \$20,0 million.USA**

#### RUSSIA AND NEIGHBORING COUNTRIES CENTRAL ASIAN COUNTRIES

##### IMPORT:

**for 2020 – \$11,6 billion.USA;**

**for 2019 – \$9,2 billion.USA;**

**for 2018 – \$9,6 billion.USA**

#### POTENTIAL MARKETS IN OTHER COUNTRIES

The annual market is **\$416,2 billion.USA**

### ECONOMIC ITEMS



\$150 mill.



1000 tn.



4,3 years



IRR: 26,18%

NPV: \$227,8 mill.

The pharmaceutical industry development agency  
Tel: +998 (71) 203-81-81, farmagentlik@ssv.uz

## Creation of a biopharmaceutical cluster HS (3003, 3004)



«Marketing card»

### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage. There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports.

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Novartis	Switzerland
2	Roche	Switzerland
3	P-Фарм	Russia
4	Bayer	Germany

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

## Marketing information:

Multipath electron lithography will open a new chapter in semiconductor manufacturing. It is similar to 3D printing in comparison with casting and digital photography + inkjet printer in comparison with film photography and printing from a negative.

### MARKET OUTLETS:

#### FOR UZBEKISTAN IMPORT:

**for 2020 – \$18,3 million.USA;**

**for 2019 – \$27,4 million.USA;**

**For 2018 – \$10,9 million.USA;**

#### EXPORT:

**for 2020 - \$0,5 million.USA;**

**for 2019 – \$0,6 million.USA;**

**for 2018 – \$0,4 million.USA**

#### FOR OTHER COUNTRIES

##### CENTRAL ASIA

#### IMPORT:

**for 2020 – \$33,0 million.USA;**

**for 2019 – \$28,2 million.USA;**

**for 2018 – \$29,9 million.USA**

### POTENTIAL MARKETS IN OTHER COUNTRIES

The annual market is **\$583,4 billion.USA**

### ECONOMIC ITEMS



\$250 mill.



1000 tn.



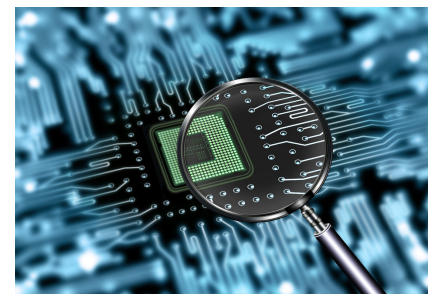
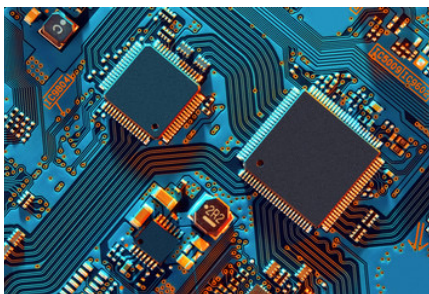
4,6 years



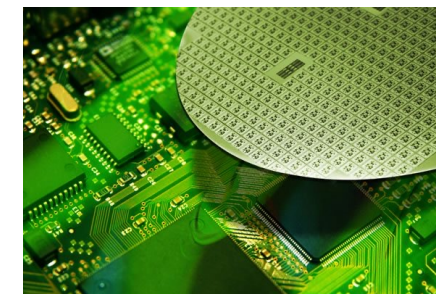
IRR: 24,6%

NPV: \$341,8 mill.

## Creation of semiconductor production based on multipath lithography technology HS Code (8542)



### «Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Samsung Electronics CO	South Korea
2	TSMC	Taiwan
3	Infineon Technologies	Germany
4	SMIC	China

### Marketing information:

A catalyst is a chemical that accelerates the reaction, but is not part of the reaction products.

The copper catalyst is an inorganic compound. It is a black solid that is used to catalyze reactions in organic synthesis

### MARKET OUTLETS:

#### FOR UZBEKISTAN

#### IMPORT:

**for 2020 – \$71,6 million.USA;**

**for 2019 – \$37,7 million.USA;**

**for 2018 – \$18,6 million.USA;**

#### RUSSIA AND NEIGHBORING COUNTRIES

#### CENTRAL ASIAN COUNTRIES

#### IMPORT:

**for 2020 – \$192,3 million.USA;**

**for 2019 – \$219,5 million.USA;**

**for 2018 – \$125,1 million.USA**

#### POTENTIAL MARKETS IN OTHER COUNTRIES

The annual market is \$1,4 billion.USA

### ECONOMIC ITEMS



\$120,0 mill.



30 th. tn.



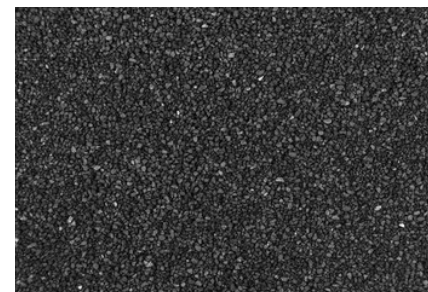
5,7 years



IRR: 20,87%

NPV: \$128,7 mill.

## Production of copper-based catalysts used to produce hydrogen HS Code (381519)



### «Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage. There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	BASF SE	Germany
2	Johnson Matthey	Great Britain
3	Albemarle Corporation	USA
4	Umicore	Belgium



## Marketing information:

Copper electrolytic foil is in demand in high-tech industries: the production of telecommunications equipment, lithium-ion batteries, batteries for electric cars and hybrid vehicles

### MARKET OUTLETS:

#### FOR UZBEKISTAN IMPORT:

**for 2020 – \$0,02 million.U.S.A;**

#### EXPORT:

**for 2020 – \$2,7 million.U.S.A;**

**for 2019 – \$3,0 million.U.S.A;**

**for 2018 – \$3,5 million.U.S.A**

#### OTHER COUNTRIES OF THE FORMER USSR

**IMPORT: for 2020 – \$17,5 million.U.S.A;**

#### LEADING EUROPEAN COUNTRIES

**IMPORT: for 2020 – \$188,1 million.U.S.A;**

#### LEADING ASIAN COUNTRIES

**IMPORT: for 2020 - \$1,1 billion.U.S.A;**

#### POTENTIAL MARKETS IN OTHER COUNTRIES

**The annual market is \$4,7 billion.U.S.A**

### ECONOMIC ITEMS



**\$200,0 mill.**



**40 th. tn.**



**6,3 years**



**IRR: 19,25%**

**NPV: \$190,3 mill.**

## Production of electrolytic copper foil HS Code (7410)



### «Marketing card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage. There are enough labor resources and additional training of personnel will be provided in the project.

Sources of supply of raw materials for the project are provided at the expense of the deposits of the Tashkent region and the Republic of Karakalpakstan

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Русская медная компания	Russia
2	Zijin Mining Group Ltd	China
3	Xstrata plc	Switzerland
4	Glencore International AG	Switzerland

## Production of finished copper products as part of a copper cluster HS (7407,7408,7409,7410,7411,7412,7413)

### Marketing information:

Copper cluster - production of products with high added value

### MARKET OUTLETS:

#### FOR UZBEKISTAN

**IMPORT: \$6,6 million.USA**

#### FOR OTHER COUNTRIESCENTRAL ASIA

**IMPORT: for 2020 – \$46,0 million.USA;**

#### OTHER COUNTRIES OF THE FORMER USSR

**IMPORT: for 2020 – \$569,1 million.USA**

#### LEADING EUROPEAN COUNTRIES

**IMPORT: for 2020 - \$7,4 billion.USA;**

#### LEADING ASIAN COUNTRIES

**IMPORT: for 2020 – \$3,1 billion.USA;**

#### POTENTIAL MARKETS IN OTHER COUNTRIES

The annual market is \$23,0 billion.USA

### ECONOMIC ITEMS



\$357,5 mill.



70 th. tn.



5,6 years



IRR: 20,98%

NPV: \$386,6 mill.



«Marketing card»

### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage. There are enough labor resources and additional training of personnel will be provided in the project.

Sources of supply of raw materials for the project are provided at the expense of the deposits of the Tashkent region and the Republic of Karakalpakstan

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Русская медная компания	Russia
2	Zijin Mining Group Ltd	China
3	Xstrata plc	Switzerland
4	УГМК	Russia

### Marketing information:

Polyester fiber is a synthetic fiber formed from a melt of polyethylene terephthalate or its derivatives.

### MARKET OUTLETS:

#### FOR UZBEKISTAN

##### IMPORT:

**for 2020 - 8.8 million US dollars;**

**for 2019 - 9 million US dollars;**

**for 2018 - 10.7 million US dollars;**

##### EXPORT:

**for 2020 - 15.5 million US dollars;**

**for 2019 - 16.7 million US dollars;**

**for 2018 - 7.3 million US dollars;**

#### FOR OTHER COUNTRIES

##### CENTRAL ASIA

##### IMPORT:

**for 2020 - 7.6 million US dollars;**

**for 2019 - 20.1 million US dollars;**

**for 2018 - 7.6 million US dollars;**

### POTENTIAL MARKETS IN OTHER COUNTRIES

Annual market 2.13 billion USD.

### ECONOMIC ITEMS



\$40 mill.



20 000 tons



7,4 years



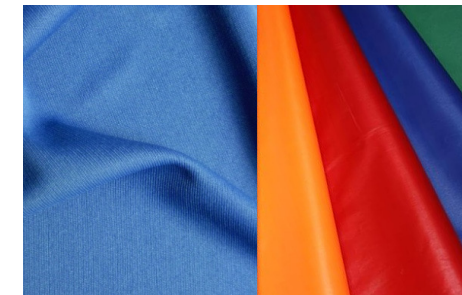
IRR: 17,7%

NPV: \$33,3 mill.

### Polyester fiber production

### HS (550320000)

*«Marketing card»*



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during the construction process.

The need for a road and railroad will be clarified at the feasibility study stage.

There are sufficient labor resources and the project will provide for additional staff training.

Sources of supply of raw materials for the project provided wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	JENNY TEXTILE	South Korea
2	Xingfengming Group Co	China
3	Changshu Meijie Co., Ltd	China
4	Sumitomo Chemical Company	Japan

JSC «Узкимёсаноат»

Tel: +998781407459, +998781407408

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

## Marketing information:

Nitron (Acrylic fiber, Acrylic) is a synthetic fiber obtained by molding from solutions of polyacrylonitrile or its derivatives. The forecast of domestic consumption is built on the basis of planned projects in the textile industry.

### MARKET OUTLETS:

#### FOR UZBEKISTAN

##### IMPORT:

**for 2020 – 0.2 million US dollars;**

**for 2019 – 0.4 million US dollars;**

**for 2018 – 0.5 million US dollars;**

#### FOR OTHER COUNTRIES

##### IMPORT:

###### CIS

**for 2020 – 6.6 million US dollars;**

###### CHINA

**for 2020 – 140.7 million US dollars;**

###### Leading Asian countries

**for 2020 – 13.5 million US dollars;**

### POTENTIAL MARKETS IN OTHER COUNTRIES

**Annual market 217.3 million USD.**

#### ECONOMIC ITEMS



\$ 37,9 mill.



10 000 tons



7 years.



IRR: 16,6%

NPV: \$28,9 mill.

## Manufacture of synthetic acrylic fiber (nitron)

**HS (550330000)**

**«Marketing card»**



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during the construction process.

The need for a road and railroad will be clarified at the feasibility study stage.

There are sufficient labor resources and the project will provide for additional staff training.

Sources of supply of raw materials for the project provided wholesale markets, including imports.

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	LLC "Саратоворгсинтез"	Russia
2	LLC «Naftan» Polimir	Belarus
3	Hangzhou Youbiao Technology Co., Ltd	China
4	Goonvean Fibres	USA

## Marketing information:

The global carbon fiber market is projected to grow from \$3.7 billion in 2020 to \$8.9 billion by 2031. The growth in demand is mainly due to the development of wind generation, the defense industry and the aerospace industry.

## MARKET OUTLETS:

### FOR UZBEKISTAN

#### IMPORT:

**for 2020 – 1.0 million US dollars;**

**for 2019 – 1.6 million US dollars;**

**for 2018 – 0.8 million US dollars;**

### FOR OTHER COUNTRIES

#### CIS

#### IMPORT:

**for 2020 – 51.4 million US dollars;**

**for 2019 – 79.3 million US dollars;**

**for 2018 – 69.6 million US dollars;**

## POTENTIAL MARKETS IN OTHER COUNTRIES

**Annual market 2.4 billion USD.**

## ECONOMIC ITEMS



**\$120,00 mill.**



**10 000 tons**



**6 years.**



**IRR: 20,1%**

**NPV: \$121,53 mill.**

JSC «Узкимёсаноат»

Tel: +998781407459, +998781407408

## Production of carbon fiber based on polyacrylonitrile precursors

**HS (68151000)**

**«Marketing card»**



## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS :

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during the construction process.

The need for a road and railroad will be clarified at the feasibility study stage.

There are sufficient labor resources and the project will provide for additional staff training.

Sources of raw materials for the project are provided at the expense of coal deposits in Tashkent and Surkhandarya regions

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	FORMAX	Great Britain
2	Shen zhen HFC shielding product	China
3	SGL Group	Germany
4	Nippon Graphite Fiber Corporation	Japan

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Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz

## Marketing information:

The forecast of domestic consumption is built on the basis of planned projects in the automotive and electrical industries of the country. The main share of POM consumption in the coming years will fall on the electrical industry, as well as the production of drip irrigation systems (330 thousand km).

### MARKET OUTLETS:

#### FOR UZBEKISTAN

##### IMPORT:

**for 2020 – 0.3 million US dollars;**

**for 2019 – 0.4 million US dollars;**

**for 2018 – 0.4 million US dollars;**

#### FOR OTHER COUNTRIES

##### IMPORT:

###### CIS

**for 2020 – 11.2 million US dollars;**

###### China

**for 2020 – 589.3 million US dollars;**

###### Leading Asian countries

**for 2020 – 89.1 million US dollars;**

### POTENTIAL MARKETS IN OTHER COUNTRIES

Annual market 372.3 million USD.

#### ECONOMIC ITEMS



\$ 32,4 mill.



10 000 tons

7 years



IRR: 17,3%

NPV: \$ 26,3 млн.

## Polyoxymethylene production HS (3907100000)

*«Marketing card»*



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS :

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during the construction process.

The need for a road and railroad will be clarified at the feasibility study stage.

There are sufficient labor resources and the project will provide for additional staff training.

Sources of supply of raw materials for the project provided wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Korea Engineering Plastics	South Korea
2	Malaysia's Polyplastics	Malaysia
3	Kaifeng Longyu Chemical	China
4	Polyplastics Co., Ltd.	Japan

## Marketing information:

Urea (or carbamide) is a granular fertilizer that contains 46% nitrogen. Bentonite is a natural clay mineral indispensable in industrial production, construction and many other applications.

### MARKET OUTLETS:

#### FOR UZBEKISTAN:

##### IMPORT:

**for 2020 – 0.02 million US dollars;**

##### EXPORT:

**for 2020 – 2.3 million US dollars;**

**for 2019 – 3.9 million US dollars;**

**for 2018 – 3.4 million US dollars;**

#### FOR OTHER COUNTRIES

##### IMPORT:

##### CIS

**for 2020 – 14.4 million US dollars;**

##### Leading countries of Europe

**for 2020 – 104.7 million US dollars;**

##### Leading Asian countries

**for 2020 – 32.7 million US dollars;**

## POTENTIAL MARKETS IN OTHER COUNTRIES

Annual market 621.1 million USD.

### ECONOMIC ITEMS



\$ 50,0 mill.



250 000 tons



6,7 years



IRR: 18,4%

NPV: \$44,7 mill.

JSC «Узкимёсаноат»

Tel: +998781407459, +998781407408

## Organization of production of sulfuric mineral fertilizers

**HS (3102210000)**

**«Marketing card»**



## INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during the construction process.

The need for a road and railroad will be clarified at the feasibility study stage.

There are sufficient labor resources and the project will provide for additional staff training.

Sources of raw materials for the project are provided at the expense of the fields of Navoi, Samarkand regions and the Republic of Karakalpakstan

## POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	PC NJSC «Азот»	Russia
2	PC "Невинномысский Азот"	Russia
3	China Blue Chemical	China
4	Grupa Azoty	Poland

Foreign Investment Promotion Agency.  
Tel: +998712020210, [uzipa@invest.gov.uz](mailto:uzipa@invest.gov.uz)

Center for Development of Investment Projects  
Tel: +998712522098 [info@cdip.uz](mailto:info@cdip.uz)

## Marketing information:

"Clean fuel" - "green hydrogen" can be produced using energy from renewable sources by electrolysis of aqueous solutions of alkalis, natural gas and other methods.

### MARKET OUTLETS: IN UZBEKISTAN

#### IMPORT:

**for 2020 – \$0.13 million.USA;**

**for 2019 – 0.09 million dollars.USA;**

**For 2018 – \$ 0.11 million.USA;**

### FOR OTHER COUNTRIES

#### IMPORT: CIS

**for 2020 – \$ 0.109 million.USA;**

#### Leading European countries

**for 2020 – \$ 12.6 million.USA;**The

#### Leading Asian countries

**for 2020 – \$ 0.411 million.USA;**

### POTENTIAL MARKETS IN OTHER COUNTRIES

Annual market 64.3 million USD.

### ECONOMIC ITEMS



\$ 450,0 mill.



180 000 tons



5 years



IRR: 23,20%

NPV: \$ 563,5 mill.

Ministry of Energy  
Tel: +998712362708

Foreign Investment Promotion Agency.  
Tel: +998712020210, uzipa@invest.gov.uz

## Production of "green" hydrogen HS (280410)

**«Marketing Card»**



### INFRASTRUCTURE, HUMAN RESOURCES AND RAW MATERIALS :

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

The sources of raw materials for the project are provided at the expense of the coal and gas fields of Kashkadarya, Surkhandarya and Tashkent regions

### POTENTIAL PARTNERS:

No	Name of recommended companies	Company location countries
1	Ballard Power Systems	Canada
2	Plug Power Inc., Bloom Energy, FuelCell Energy	USA
3	Eneos Holdings	Japan
4	Beijing SinoHytec Co	China

Center for Development of Investment Projects  
Tel: +998712522098 info@cdip.uz



## Marketing information:

Shaped rental is divided into two types - mass-purpose rental and special-purpose rental .Mass - purpose shaped rental includes: corner; channel; I-beams.

### MARKET OUTLETS:

#### For Uzbekistan

#### IMPORT:

for 2020 – 527.5 million US dollars;

for 2019 – 436.6 million US dollars;

for 2018 – 403.7 million US dollars

#### FOR OTHER COUNTRIES

#### IMPORT:

#### CIS

for 2020 – 2 820 million US dollars;

#### Leading countries of Europe

for 2020 – 17 927.7 million US dollars;

#### Leading Asian countries

for 2020 – 5 711.7 million US dollars;

### POTENTIAL MARKETS IN OTHER COUNTRIES

Annual market 9114.5 million USD.

### ECONOMIC ITEMS



\$ 302,0 mill.



400 000 tons



5,3 years



IRR: 21,9%

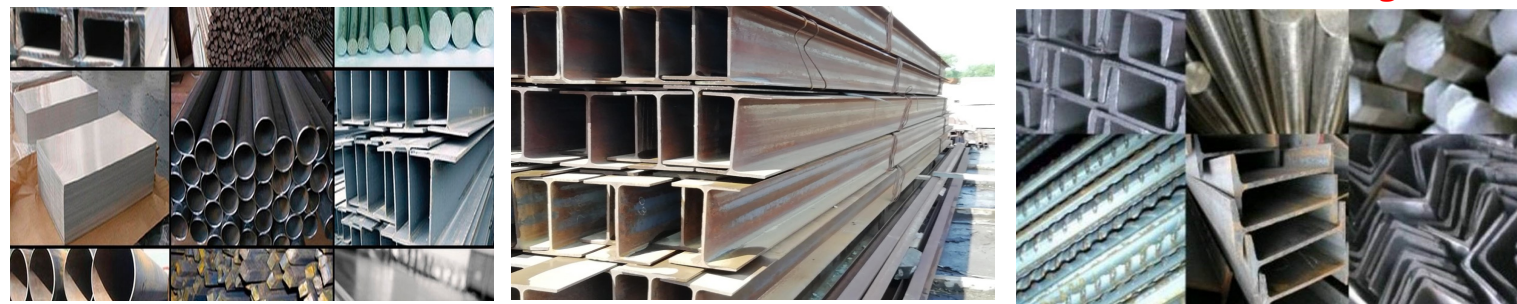
NPV: \$ 346,6 mill.

Ministry of "Uzpromstroyaterialy"  
Tel: +998712101104, info@mc.uz

## Construction of a metallurgical complex for the production of large-shaped steel

**HS (7210,7211,7212,7213)**

**«Marketing card»**



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### Potential Partners

No	Name of recommended companies	Company location countries
1	ArcelorMittal	Luxemburg
2	China Baowu Group, Jiangsu Shagang	China
3	Nippon Steel	Japan
4	POSCO, Hyundai Steel	Korea

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Tel: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel: +998712522098 info@cdirp.uz

## Marketing information:

**Steel production** - technology, stages, equipment. Steel production today is carried out mainly from waste steel products and pig iron. Steel is an alloy of iron and carbon, the latter containing from 0.1 to 2.14%.

### MARKET OUTLETS : FOR UZBEKISTAN

#### IMPORT:

**for 2020 – 0.1 million US dollars;**

**for 2019 – 0.3 million US dollars;**

**for 2018 – 0.4 million US dollars;**

### FOR OTHER COUNTRIES

#### IMPORT:

#### CIS

**for 2020 – 678.9 million US dollars;**

#### Leading countries of Europe

**for 2020 – 2 456.3 million US dollars;**

#### Leading Asian countries

**for 2020 – 2985 million US dollars;**

### POTENTIAL MARKETS IN OTHER COUNTRIES

**Annual market 2757.5 million USD.**

### ECONOMIC ITEMS



\$ 250,0 mill.



205 000 tons



6,7 years



IRR: 18,2%

NPV: \$218,9 mill.

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Tel: +998712020210, uzipa@invest.gov.uz

## Creation of a special metallurgical complex for the production of special steels and alloys

### HS (7307)



**«Marketing card»**

### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### Potential Partners

No	Name of recommended companies	Company location countries
1	<u>Hesteel Group, Ansteel Group</u>	China
2	<u>Nippon Steel</u>	Japan
3	Tats Steel	India
4	EBPA3	Russia

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Tel: +998712522098 info@cdip.uz

## Marketing information :

Used raw materials: hot-rolled steel after pickling; tin; auxiliary materials. The choice of material for the production of cold-rolled steel will directly depend on the conditions in which it will be operated.

### MARKET OUTLETS: FOR UZBEKISTAN

#### IMPORT:

**for 2020 – 192.3 million US dollars;**

**for 2019 – 182.3 million US dollars;**

**for 2018 – 187.8 million US dollars;**

#### FOR OTHER COUNTRIES

##### IMPORT:

##### CIS

**for 2020 – 791.6 million US dollars;**

**Leading countries of Europe**

**for 2020 – 975.3 million US dollars;**

**Leading Asian countries**


**for 2020 – 885.4 million US dollars;**

#### POTENTIAL MARKETS IN OTHER COUNTRIES


**Annual market 1619.3 million USD.**

### ECONOMIC ITEMS

 \$ 307,0 mill.

 310 000 tons

 6 years

 IRR: 20,1%  
NPV: \$310,8 mill.

## Construction of a plant for the production of white and annealed tin HS (721070, 721012 )



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Koninklijke Nederlandse Hoogovens en Staalfabrieken	Netherlands
2	ThyssenKrupp Rasselstein GmbH	Germany
3	Nippon Steel & Sumitomo Metall	Japan
4	ArcelorMittal	Luxemburg

## Marketing information :

Profile metal pipes are widely used in various industries. The established process for the production of such pipes is relatively simple, and the profit from the output is very high. With the availability of funds and the desire to engage in metalworking, a businessman will be able to quickly reach payback.

### MARKET OUTLETS: FOR UZBEKISTAN

#### IMPORT:

for 2020 – 0.149 million US dollars;

for 2019 – 0.357 million US dollars;

for 2018 – 0.461 million US dollars;

### FOR OTHER COUNTRIES

#### IMPORT:

##### CIS

for 2020 – 478.2 million US dollars;

#### Leading countries of Europe

for 2020 – 2456.3 million US dollars;

#### Leading Asian countries

for 2020 – 1064 million US dollars;

### POTENTIAL MARKETS IN OTHER COUNTRIES

Annual market 2110 million USD.

### ECONOMIC ITEMS



\$ 100,0 mill.



23 000 tons



7 years

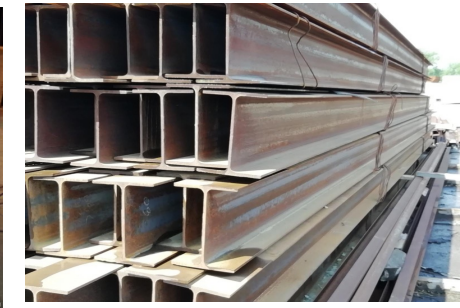


IRR: 17,5%

NPV: \$ 82,7 mill.

Ministry of “Узпромстройматериалы”  
Tel.: +998712101104, info@mc.uz

## Organization of production of metal rolls, pipes and profiles, and other metal products HS (7307,7306)



«Marketing card»

### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of raw materials for the project are provided for wholesale markets, including imports

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Mingxin Iron And Steel Co., Maanshan Iron & Steel	China
2	JiangSu TuoGuan Steel Co., Ltd	China
3	Metinvest	Ukraine, USA, Europe
4	ПАО «СЕВЕРСТАЛЬ»	Russia

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Tel.: +998712020210, uzipa@invest.gov.uz

Center for Development of Investment Projects  
Tel.: +998712522098 info@cdip.uz

## Production of ferrosilicon grades FS-65 and FS-75 HS (720229,382499)

### Marketing information:

Ferrosilicon is an alloy of iron and silicon. In the composition of the FS-65 brand, the last element occupies 63–68%. Ferroalloy can be used in the foundry and steel industry for alloying metal products. Thanks to silicon, electrical, structural steels acquire resistance to corrosion and elasticity, and increase the melting point.

### MARKET OUTLETS:

#### FOR OTHER COUNTRIES IMPORT:

#### CIS

for 2020 – 18 million US dollars;



**Leading countries of Europe**  
for 2020 – 84.32 million US dollars;

**Leading Asian countries**  
for 2020 – 74.5 million US dollars;

#### POTENTIAL MARKETS IN OTHER COUNTRIES

Annual market 38.2 million USD.

#### ECONOMIC ITEMS

	\$ 14,0 mill.		10 000 tons
	6,5 years		IRR: 18,6% NPV: \$ 12,7 mill.

### «Marketing Card»



### INFRASTRUCTURE, WORK RESOURCES AND RAW MATERIALS:

Energy resources (electricity, gas, fuel, water, sewerage) are provided by supplying communications during construction.

The need for cars and railways will be clarified at the feasibility study stage.

There are enough labor resources and additional training of personnel will be provided in the project.

Sources of supply of raw materials for the project are provided at the expense of deposits of Navoiy and Tashkent regions

### POTENTIAL PARTNERS

No	Name of recommended companies	Company location countries
1	Hascor International Group	USA, Netherlands, Mexico
2	Grupo Ferroatlantica	London, Great Britain
3	Аксуский завод ферросплавов	Kazakhstan
4	Металл Эксперт	Russia