Investment Projects of the Republic of Kazakhstan
<table>
<thead>
<tr>
<th>№</th>
<th>Project name</th>
<th>Project cost (mln. USD)</th>
<th>Required investment (mln. USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Construction of pharmaceutical plant</td>
<td>15,0</td>
<td>11,7</td>
</tr>
<tr>
<td>2</td>
<td>Development of industrial (stationary, force) lead-acid accumulator batteries</td>
<td>3,9</td>
<td>2,8</td>
</tr>
<tr>
<td>3</td>
<td>Production of composite fertilizers IAF/DAF on the basis of Ushbas and Geres fields</td>
<td>1 050,0</td>
<td>735,0</td>
</tr>
<tr>
<td>4</td>
<td>Production of rubber products</td>
<td>49,0</td>
<td>49,0</td>
</tr>
<tr>
<td>5</td>
<td>Production of polypropylene from methanol, propylene and ethylene</td>
<td>2 923,0</td>
<td>2 923,0</td>
</tr>
<tr>
<td>6</td>
<td>Production of lubricating oils on existing refineries</td>
<td>1 000,0</td>
<td>1 000,0</td>
</tr>
<tr>
<td>7</td>
<td>Production of new materials (products) by means of new technologies utilization in complex processing of worned tire</td>
<td>11,7</td>
<td>10,2</td>
</tr>
<tr>
<td>8</td>
<td>Construction of large scale integrated phosphate fertilizer chemical complex</td>
<td>600,0</td>
<td>304,0</td>
</tr>
<tr>
<td>9</td>
<td>Production expansion of schungit</td>
<td>100,0</td>
<td>30,0</td>
</tr>
<tr>
<td>10</td>
<td>Modernization of the oil-refining plant and the construction of the bituminous concrete plant</td>
<td>30,0</td>
<td>4,0</td>
</tr>
<tr>
<td>11</td>
<td>Expansion of existing facilities and construction of pharmaceutical factory in Astana</td>
<td>81</td>
<td>81</td>
</tr>
<tr>
<td>12</td>
<td>Construction of factory wet processing of kaolin</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>13</td>
<td>Construction of the plant for the production of soda ash</td>
<td>50,5</td>
<td>50,5</td>
</tr>
<tr>
<td>14</td>
<td>Production of the fuel grade bioethanol and biofue</td>
<td>115</td>
<td>85</td>
</tr>
</tbody>
</table>

**Chemical, petrochemical and pharmaceutical industry**

**Metallurgy and production of metal products**

| 14 | Production of rails                                                          | 254,0                   | 203,2                          |
| 15 | Construction of steel curved profile plant                                   | 15,0                    | 15,0                           |
| 16 | Processing of technogenic wastes of metallurgy production                    | 18,0                    | 12,0                           |
| 17 | Processing plant for gold containing ores on the “Ubileinoe” field and mine construction | 470,0                   | 350,0                          |
| 18 | Construction of polished sheet glass plant                                   | 120                     | 120                            |
| 19 | Construction of factory for enriching quartz (glass) sand                    | 15                      | 15                             |

**Machine building**

<p>| 20 | Construction of full cycled automobile plant                                 | 506,0                   | 408,0                          |
| 21 | Organization of the frame lateral beams production for truck railcars        | 21,0                    | 10,0                           |
| 22 | Production of light helicopters                                              | 25,0                    | 24,0                           |</p>
<table>
<thead>
<tr>
<th>№</th>
<th>Project name</th>
<th>Project cost (mln. USD)</th>
<th>Required investment (mln.USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>Production of fire fighting innovation devices</td>
<td>10,0</td>
<td>10,0</td>
</tr>
<tr>
<td>24</td>
<td>Ultra light plane development and serial production</td>
<td>2,2</td>
<td>2,2</td>
</tr>
<tr>
<td>25</td>
<td>Elevator machinery and metal construction plant</td>
<td>22,9</td>
<td>22,9</td>
</tr>
<tr>
<td>26</td>
<td>Organization of electricity production by small hydropower stations</td>
<td>88,0</td>
<td>74,8</td>
</tr>
<tr>
<td>27</td>
<td>Construction of gas turbine station</td>
<td>201,0</td>
<td>139,0</td>
</tr>
<tr>
<td>28</td>
<td>Construction of cogeneration power piston electric power of 50 mW</td>
<td>41,9</td>
<td>35,6</td>
</tr>
<tr>
<td>29</td>
<td>Construction of Issyk hydroelectric power plant 1, Issyk hydroelectric power plant 3</td>
<td>6,8</td>
<td>4,8</td>
</tr>
<tr>
<td>30</td>
<td>Construction of Bartogaiskaya hydroelectric power plant 28</td>
<td>21,0</td>
<td>21,0</td>
</tr>
<tr>
<td>31</td>
<td>Construction of atomic power station on the base of RU VBER-300</td>
<td>2 400,0</td>
<td>2 400,0</td>
</tr>
<tr>
<td>32</td>
<td>Construction of hydro power stations cascade</td>
<td>500,0</td>
<td>500,0</td>
</tr>
<tr>
<td>33</td>
<td>Construction of the Turgay thermal power station</td>
<td>3 280</td>
<td>3 280</td>
</tr>
<tr>
<td>34</td>
<td>Local market provision with high quality construction materials</td>
<td>57,8</td>
<td>51,2</td>
</tr>
<tr>
<td>35</td>
<td>Manufacturing of ceramic tiles</td>
<td>122,0</td>
<td>122,0</td>
</tr>
<tr>
<td>36</td>
<td>Construction of Hantau cement plant</td>
<td>55,0</td>
<td>50,0</td>
</tr>
<tr>
<td>37</td>
<td>Construction of cement plant</td>
<td>147,0</td>
<td>38,1</td>
</tr>
<tr>
<td>38</td>
<td>Development of production of oil and gas and energy valves</td>
<td>11,0</td>
<td>11,0</td>
</tr>
<tr>
<td>39</td>
<td>Construction of plate glass plant (float method)</td>
<td>150,0</td>
<td>135,0</td>
</tr>
<tr>
<td>40</td>
<td>Expansion of production of aerated concrete in Semey</td>
<td>7,0</td>
<td>5,0</td>
</tr>
<tr>
<td>41</td>
<td>Industrial and manufacturing complex Akzhaprodukt 2500 cattle heads</td>
<td>41,7</td>
<td>27,2</td>
</tr>
<tr>
<td>42</td>
<td>Development of the meat-processing plant with feeding complex</td>
<td>7,54</td>
<td>6,29</td>
</tr>
<tr>
<td>43</td>
<td>Construction of food logistics centre &quot;GEGA&quot;</td>
<td>105,0</td>
<td>30,5</td>
</tr>
<tr>
<td>№</td>
<td>Project name</td>
<td>Project cost (mln. USD)</td>
<td>Required investment (mln. USD)</td>
</tr>
<tr>
<td>----</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>44</td>
<td>Construction of horse meat processing plant</td>
<td>5,0</td>
<td>5,0</td>
</tr>
<tr>
<td>45</td>
<td>Construction of elevator</td>
<td>6,4</td>
<td>5,8</td>
</tr>
<tr>
<td>46</td>
<td>Salt processing plant</td>
<td>10,5</td>
<td>8,4</td>
</tr>
<tr>
<td>47</td>
<td>Construction and equipping of an elevator for storage of oil crops and a plant for production of vegetable oil</td>
<td>33,8</td>
<td>16,9</td>
</tr>
<tr>
<td>48</td>
<td>Creation of breeding farms to 1000 head of cattle</td>
<td>8,1</td>
<td>4,7</td>
</tr>
<tr>
<td>49</td>
<td>Establishment of two dairy farms with 1200 head of cattle</td>
<td>16,9</td>
<td>13,5</td>
</tr>
<tr>
<td>50</td>
<td>Construction of water-alcohol extraction of soy protein manufacturing</td>
<td>8,5</td>
<td>6,7</td>
</tr>
<tr>
<td>51</td>
<td>Construction of the plant for deep processing of grain</td>
<td>152,0</td>
<td>76,0</td>
</tr>
<tr>
<td>52</td>
<td>Organization of wool processing and production of yarn</td>
<td>5,1</td>
<td>4,3</td>
</tr>
</tbody>
</table>

**Agro industrial complex**

**Textile industry**

| 53 | Harvesting, processing of wool                                              | 29,0                    | 29,0                          |
| 54 | Organization of modern textile production                                   | 100,0                   | 77,0                          |

**Tourism**

| 55 | Construction of the ski center                                              | 14,0                    | 14,0                          |
| 56 | Construction of a tourist center "Jana Ile"                                 | 20 000,0                | 20 000,0                     |
| 57 | «Burabai» tourist center development                                        | 60,0                    | 60,0                          |
| 58 | Construction of year-round mountain resort «Butakovka»                       | 500,0                   | 500,0                         |

**Other**

| 59 | Building of International Centre for Cross-Border Cooperation “Khorgos”     | 2 552,5                 | 2 056,5                      |
| 60 | Construction of the "Caspian Energy Hub"                                    | 13 862,0                | 13 600,0                     |
1. Construction of pharmaceutical plant*

**Project purpose:** Construction of pharmaceutical plant of medicines in accordance with GMP standards of RK

**Project initiator:** LLP “Global New Life”

**Period of realization:** 2008, December – 2011, July

**Project location:** Almaty region, Ily district, Baiserke village

**Project cost:** 15 m USD

**Sources of financing:** 3,3 m USD (22%) - own funds

**Required investment:** 11,7 m USD (78%)

**Expenses:** 2 m USD – local cost, 8 m USD - equipment, 0,99 m USD - infrastructure development, 0,6 m USD - personnel training

**Expected result:**
Creation of import substitution and export oriented production of high quality, effective and safe medicines in accordance with GMP standards. Capacity-1.5 billion units per year. Form of products - tablets, capsules, vials. Pharma group: a new generation antibiotics from series of tsefallosporinovo, gastrointestinal drugs, antituberculosis drugs, hypoglycemic agents, analgesics, etc. Types of drugs – original products and generics

**Current conditions:** Developed feasibility study and PDS

**IRR=28%, NPV = 35 m USD**

**Payback period:** 56 months

**Benefits:** Project is based on Pharmaceutical Plant LLP “Global Farm”, generating more than 80 medicine drugs. The project plans produce 1.5 billion tablets and capsules per year, 200 million bottles per year

**Creation of jobs:** 14 during the construction, 120 during the operation

**Infrastructure and resources:** There is a plot of land, transport infrastructure, electricity, water, heat, gas, sewer

**Sales market:**
Internal market – 9,52 m USD; export – 10,2 m USD (CIS countries and countries of Customs Union); state order – 34,01 m USD;
Off take contract - 34,01 m USD

---

*Project from consolidated Kazakhstan industrialization map*
2. Development of industrial (stationary, traction), lead-acid batteries*

**Project purpose:** Development of industrial (stationary, traction), lead-acid batteries

**Project initiator:** LLP "Kainar-AKB"

**Period of realization:** 2011-2014

**Project location:** Almaty region, Taldykorgan

**Project cost:** 3.9 m USD

**The financing structure:** Own funds – 1.1 m USD

**Required investment:** 2.8 m USD (equipment purchase)

**Expected result:** Manufacturing of industrial (traction, stationary) batteries from 4 to 180 A / h. Production of 62,000 lead-acid batteries per year

**IRR:** -20%  **NPV:** >0  

**Payback period:** 2 years

**Benefits:** Project initiator has experience of realization of similar project. State order

**Creation of jobs:** 20 during the construction and 70 during operation

**Infrastructure and resources:** electricity, water, gas, sewer and land area

**Sales market:** state order 476 190 USD

---

*Project from consolidated Kazakhstan industrialization map*
Project purpose:
The main objective is to develop the production of complex high quality composite fertilizer IAF / DAF (monoammonium phosphate / diammonium phosphates) with a capacity of 1 million tones per year on the basis of phosphorite fields Ushbas and Geres

Project initiator: LLP «United chemical corporation» (operator–JSK «Mining and Chemical Company «Ushger»)

Realization period: 2010-2016

Realization place: South Kazakhstan region, Zhanatas

Project cost: 1 050 m USD

Required investment: 735 m USD

<table>
<thead>
<tr>
<th>Some project indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPV</td>
</tr>
<tr>
<td>$ 7,58 bln.</td>
</tr>
</tbody>
</table>

Effect from the project:
• production of products for export;
• effective development of resource base;
• promotes the development of chemical industry of Kazakhstan;
• multiplicative effect;
• Creating employment of 2 236 jobs;
• Increase in income taxes for the budget of Kazakhstan

Available infrastructure:
One of the positive factors in the development of fields Ushbas and Geres is the presence of already existing infrastructure of housing and stores, and vacant housing for resettlement of specialists near the estimated production sites (field is located near the mining town Zhanatas in Zhambyl region). Zhanatas is connected by roads with bitumen and a railway line with Taraz regional center.

Sales market: The main markets will be the neighboring countries of the CIS, Eastern Europe, as well as a vast market of India and China

Specific issues and the ways to solve them:
1. VAT exemption on imported equipment;
2. Exemption from customs duties of imported equipment;
3. Railway and electricity tariffs are decreased by 50% for a period of five years;
4. Allocation of ground area of the fields Ushbas and Geres as a grant and therefore as an exemption of land taxes.
5. Provision of gas supply to the South Kazakhstan region in the required capacity (about 600 million m³) and for the fixed price (approximate price of gas–70-80 US dollars for 1000 m³)
4. Production of rubber products

**Project purpose:** Improving the competitiveness of rubber production

**Project location:** Karaganda region, Saran

**Project capacity:** Capacity per year of rubber products – more than 400 000 sq.m.

**Project cost:** 49 m USD (subject to confirmation)

**Construction Period:** 2009 – 2010 years

**Project status:** Investment analysis of the project, developed a financing scheme, preparation of the concept of formation a cluster on the basis of rubber production

**Produced products:**
- Carrier line – 400 thousand m2
- Rubber line – 100 thousand m2
- Arms – 7 452 t.p.m
- Rubberized val – 230,4 tones
- Glue – 604 tones
- Formed items – 5 120 tones
- Non-formed items – 360 tones

**Project initiator:** LLP «Eurasia Industrial Chemical Group»

**Sales market:** Internal market -30%. Export- CIS countries 70%.

**Initiator’s interest:** Investment attraction into production development and debt restructuring
5. Production of polypropylene from methanol, propylene and ethylene

**Project purpose:** Production of polypropylene from methanol

**Project location:** Atyrau region

**Project capacity:** Methanol (2 420 th. tones per year)
- Ethane – 440 th. tones per year;
- Polypropylene – 370 th. tones per year;
- Gas mixtures C4 - 110 th. tones per year

**Project cost:** 2 923 m USD

**Construction period:** 2011-2014 years

**Project status:** Assessment of technical and economic feasibility of the project by the Russian contractor, discussed with the LLP “Mining company" Kazakhstan Mineral Resources". Issues of cooperation to jointly implement the project - on the stage of signing a Memorandum of Cooperation and Confidentiality Agreement

**Project initiator:** LLP “United Chemical Company”
Project purpose: Production of basic and synthetic oils on the basis of straight-run petroleum residue oil refinery

Project location: Variants - in the locations of Kazakh oil refineries

Project capacity: 500,000 tones of lubricating oils

Project cost: 1000 m USD

Period of realization: 2010-2013 years

Status of the project: Developing the concept of the project, preparing pre-feasibility study

Initiator: LLP “United Chemical Company”
7. Production of new materials (products) by means of processing of worned tires

**Project purpose:** Introduction of innovative technology of rubber crumb recycling into a new material – surface-active rubber powder *ActiMeWa* and its’ further application in the production of general rubber goods and complex modifier of asphalt-concrete.

**Initiator of the project** – LLP «Kazakhstan Rubber Recycling», Astana

**Region:** Astana

**Project cost:** 11.7 m USD

**Required investment:** 10.2 m USD

**Expenses:** project documentation - 0.34 m USD, equipment - 6.7 m USD, customs expenses - 10.46 m USD, reconstruction of production facilities - 0.62 m USD, working capital - 0.27 m USD

**Project realization stage:** The first waste tire recycling plant was launched in July 2009. This tire recycling plant is completely financed (100%) and operating up to now

**Expected effect:** Development of production of new materials, used in highway, railway, public utilities spheres and agricultural complex.

**Production of rubber-technical materials, which were not produced in Kazakhstan before** - rubber floor, rubber mats and tiles, composite cross-ties and cushion bolster, trickle drip irrigation hose, damping sealing rubber element, etc.

**Production of new materials** – Complex modifier of asphalt concrete (CMA), which allows the roads to serve long and it is an analogue of compounded rubber *De-Vulc*, which substitute rubber in different spheres up to tire production

**Sales market:** internal 50% + MOU with JSC «NK KTZ», export - 50% (US, China, Belgium, Vietnam, in perspective Korea)

**Other participants of the project** – “MeWa Recycling” (Germany), “PH Gummitechnik” (Germany), “RME” (Germany)
**Project purpose:** Construction of large scale integrated phosphate fertilizer chemical complex

**Project initiator:** LLP "Chilisai Chemicals"

**Period of realization:** 2011-2017

**Project location:** Aktobe region, Mulgazh district

**Project cost:** 600 m USD

**Expenses:** Mill complex- 11 m USD sulphuric acid plant- 75 m USD; phosphorous acid plant - 69 m USD; DAP/MAP plant, electricity- 38 m USD; water supply -6 m USD; other objects- 52 m USD

**Required investment:** 304 m USD

**IRR:** 23.9%, **NPV:** 87,900

**Payback period:** 5 years

**Sales market:** Internal market - 108 m USD, export - 170 m USD (China, India, Ukraine, Russia)

**Specific issues:** Necessary to get the following licenses and approvals:
1) Licenses for operation of chemical production;
2) Licenses for exploitation of chemical production facilities;
3) Licenses for mineral processing of raw physical and chemical means;
4) Licenses for production use of precursors - sulfuric acid;
5) Tax exemption and reduction in equipment import and its components imported for realization of project, not produced in Kazakhstan, as well as in exports of finished products

**Creation of jobs:** 1000 during the construction and from 1000 to 2000 during the operation
9. Production expansion of schungit

**Project purpose:** Production expansion of schungit, intrusion of the new mineral, starting with laboratory stage and ending with its industrial use. The company’s strategy is bringing the perspective area of schungit use to its industrial stage, and development of other areas of schungit use in the expense of derivable profit.

**Project initiator:** JSC “Mining Company “Koksu”

**Project location:** Almaty region

**Project cost:** 100 million US dollars

**Required investment:** 30 m USD

**Net profit margin** – 25%

**Accounting rate of return (ARR)** -123%,

**NPV** -2,28 m USD

**Payback period:** 4,5 years

**Infrastructure and resources:** Infrastructure is available

**Creation of jobs:** 143
**Project purpose:** Modernization of the oil-refining plant and the construction of the bituminous concrete plant

**Project initiator:** LLP «LAD»

**Period of realization:** 2008-2010

**Project location:** Aktobe region, industrial area AZSH

**Project cost:** 30 m USD

**Required investment:** 4 m USD

**Financing structure:** own funds - 10 m USD;

**Effect of realization:** Annual production of the 360 000 tons of gasoline, diesel gas oil, kerosene, bitumen, heating oil

**Current condition:** The 70% of the project is realized. Financing is required to end the construction

**Payback period** - 10 years

**Benefits:**
Operating oil-refining plant processes 120 000 tons of oil annually, basic manufacturing and household premises are constructed, technological equipment is installed. The demand of asphalt cement supplying in construction of “Western Europe – Western China” road section in Aktobe region

**Infrastructure and resources:** the proximity to engineering utilities and Zhenishke rail station

**Sales market:** Internal market (Aktobe region and Northern part of Kazakhstan)
Project purpose: Expansion of new facilities in Shymkent and the creation of the largest in Central Asia modern pharmaceutical plant for production of generic drugs in Astana

Project Initiator: JSC “Himfarm”

Project location: Shymkent and Astana cities

Project cost: 81 million USD

Required investment: 81 m USD

Expenses: construction and installation works – 30,02 m USD; equipment acquisition – 47,98 m USD; initial working capital – 3 m USD

Current state: Feasibility study of the project is available

IRR- 48%,  NPV= 35,5 m USD

Payback period: 4,5 years

Benefits:
• reduction of the dependence on import and ensuring national drug safety
• improving the quality of drugs available on the market of Kazakhstan
• production of competitive goods of the manufacturing industry in the country

Creation of jobs: 500

Infrastructure and resources: Infrastructure is available. Conducted electrical, thermal, water and sewage networks. Built railways and roads.

Sales market: Export, internal market and government procurement
**Construction of factory wet processing of kaolin**

**Project purpose:** Providing enriched kaolin enterprises of the Republic of Kazakhstan and the CIS

**Project initiator:** JSC «Koktas-Aktobe»

**Project location:** Aktobe region, Kandyagash city

**Project cost:** 5 million USD

**Required investment:** 5 m USD

**Project capacity:** 50 thousand tones per year

**Current state:** Feasibility study and design estimates are available

**Payback period:** 3.8 years

**Infrastructure and resources:** Developed infrastructure, proximity to raw materials. There is a railway and the road

**Benefits:** Using new technology for the production of enriched kaolin-line wet processing

**Specific issues:** Kaolin has to meet the requirements of GOST 21286-82 "concentrated kaolin for ceramics"

**Sales market:** 50% - internal market and 50% - export

**Creation of jobs:** 183 during the operation
Construction of the plant for the production of soda ash

Project purpose: Providing soda ash to the plant producing sheet glass and other enterprises of the Republic of Kazakhstan
Project initiator: JSC «Koktas- Aktobe»
Project location: Aktobe region, Kandyagash city
Project cost: 50.5 million USD
Required investment: 50.5 m USD
Project capacity: 110 thousand tones per year
Current state: Feasibility study is available
Payback period: 5 years

Infrastructure and resources: Developed infrastructure, proximity to raw materials. There is a railway and the road
Benefits: Using new technology for the production of soda ash - ammonium chloride method
Specific issues: Soda has to meet the requirements of GOST 5100-85 "Soda Tech"
Sales market: 100 % - internal market
Creation of jobs: 170 during the operation
Project purpose: Establishment of agro-technology industrial cluster "Biochim" for deep processing of grain to produce bioethanol and biofuel
Project initiator: JSC «BIOHIM Company»
Project location: North-Kazakhstan region
Project cost: 115 million USD
The financing structure:
JSC «Development Bank of Kazakhstan» - 60,9 m USD;
JSC «Alfa Bank» - 17,5 m USD;
JSC «Bank Center Credit» - 6,6 m USD
Own funds: 30 m USD
Project capacity:
The annual volume of grain is 225 thousand tons/year;
  bioethanol – 33 thous. tons/year;
  biofuel – 240 thous. tons/year

Expected result:
• Improving the competitiveness of agricultural products;
• Tax deductions
• Creation of jobs;
• Creating related infrastructure

Benefits:
• experience in similar projects;
• proximity to cultivated areas and tank farms

Infrastructure and resources: developed railway junction
Sales market: internal market and export (Russia and abroad)
12. Production of rails*

**Project purpose:** Production of railway trunk rail  
**Project initiator:** LLP "KSP Steel"  
**Period of realization:** 2013-2020  
**Project location:** Pavlodar region, Pavlodar  
**Project cost:** 254 m USD  
**The financing structure:** Own funds – 50,8 m USD (20%)  
**Required investment:** 203,2 m USD (80%)  
**Expenses:** Equipment-199 m USD, installation works– 19,6 m USD, construction – 16,6 m USD, working capital – 22,2 m USD  
**Project capacity:** 300 thousand tones per year  
**IRR= 21,73% , NPV- 19 679 854 USD**  
**Payback period:** 6 years 7 months

**Benefits:** Domestic demand in production of rails  
**Infrastructure and Resources:**  
Infrastructure provision: Availability of existing steel production, heating, electricity, water recycling. Compressor pressure station. The station for the production of oxygen. Transport infrastructure, railway and high way. Buildings and facilities for administration staff  
**Sales market:** Internal market- 33,3% (Long-term contract between JSC NC “Kazakhstan Temir Zholy” and CIS countries). Export – 66,6% (Russia, Turkmenistan, Kyrgyzstan, Uzbekistan, Tajikistan)  
**Creation of jobs:** During the construction – 1000, during the operation - 106

*Project from consolidated Kazakhstan industrialization map*
**Project purpose:** Construction of steel curved profile plant

**Project initiator:** LLP "Ilno Group"

**Period of realization:** 2011-2012

**Project Location:** Almaty region, Kapshagai

**Project cost:** 15m USD

**Required investment:** 15 m USD. Option №1 – Sale of 31% of total project cost, option № 2-49% of total project cost

**Sales market:** Internal market - 50%, External market - 50% (Ukraine, Russia, China)

**Current condition:** Exploitation start

**Benefits:** Project is implemented on the base of existing enterprise
14. Processing plant for gold containing ores on the “Ubileinoe” field and mine construction*

**Project purpose:** Processing plant for gold containing ores on the “Ubileinoe” field and mine construction  
**Project initiator:** LLP «Ubileinoe»  
**Realization period:** 2009 - 2011  
**Realization place:** Aktobe region  
**Project cost:** 470 million USD  
**The financing scheme:** 26,1% (120m USD) own funds  
**Required investment:** 73,9% (350m USD)  
**Realization effect:** Extraction of 0,3 million tones of ore per year  
**Production cost volume:** 0,31 billion USD  

**Infrastructure and resources:** Project is to be provided with infrastructure  
**Requirements of the government:** Organization of metallurgy production- alloy Dore  
**Economic effect:**  
**Contribution to GDP=0,28%**  
**VAC – 0,12 b USD**  
**Labor productivity** - 436 thousand USD  
**Creation of jobs:** 700 during the operation

*Project from consolidated Kazakhstan industrialization map*
Project purpose: Exploration and extraction of technogenic mineral formation of Karsakpai copper smelting plant in Karaganda region

Project initiator: LLP “Ferro Tau”

Realization period: 1 year from the financing initiation

Place of realization: Karaganda region, Ulytay district

Project cost: 18 million USD

Required investment: 12 m USD

Expenses:
- Equipment and special machinery - 8,34 m USD;
- Additional charges – 1 m USD;
- Construction - 1,5 m USD;
- Infrastructure - 1,16 m USD

Project capacity: 100 000 tones of copper containing concentrate (CU – 20%) per year, 57 850 tones of iron containing concentrate (Fe-50%) per year

NPV=14,09 m USD, IRR=198%

Payback period – 0,4 year

Benefits:
1) Project is implemented on the base of existing plant;
2) Available contract on subsurface resource management

Infrastructure and resources: Land is available 35,3 he, all infrastructure is available (electricity, water, gas)

Creation of jobs: 127 during the operation

Sales market: Internal market and export
Construction of polished sheet glass plant

Project purpose: Construction of polished sheet glass plant
Project initiator: JSC «Koktas-Aktobe»
Project location: Aktobe region, Shalkar city
Project cost: 120 million USD
Required investment: 120 m USD
Project capacity: 20 million m² per year
Current state: Business plan and feasibility study are available
Payback period: 1.6 years

Infrastructure and resources: Developed infrastructure, proximity to raw materials. There is a railway and the road
Benefits: Using new technology for the production of polished sheet glass - using thermal forming a continuous ribbon of glass on the surface of molten metal (float method)
Specific issues: The glass has to meet the requirements of GOST 111-2001 "Float glass"
Sales market: 50% - internal market and 50% - export
Creation of jobs: 450 during the construction and 956 during the operation
Project purpose: Production of high-enriched, quartz (glass) sand for sheet glass factory and other enterprises of the Republic of Kazakhstan

Project initiator: JSC «Koktas- Aktobe»

Project location: Aktobe region, Mugalzharsk station

Project cost: 15 million USD

Required investment: 15m USD

Project capacity: 500 thousand tones per year

Current state: design estimates are available

Payback period: 4 years

Infrastructure and resources: Developed infrastructure, proximity to raw materials. There is a railway and the road

Benefits: Production of quartz sand on the wet circuit with water recycling

Specific issues: The sand must meet the requirements of GOST 22551-77 "Quartz sand ground sandstone, quartzite and vein quartz for glass industry"

Sales market: 70% - internal market and 30% - export

Creation of jobs: 100 during the operation
**Project purpose:** Construction LRT in Astana

**Project initiator:** Astana akimat

**Project location:** Astana

**Project cost:** 2.1 billion USD

**Current state:** To date, the French company «Egis BCEOM International» has not finished the feasibility study of the project "The new transport system of the city of Astana."

However, Astana akimat jointly with the company «Chungsuk Engineering» (South Korea) developed a feasibility study of the project "New transport system of the city of Astana, comprising three stages of construction of the system as a trestle, and a variant of a common ground length of 41.81 km and 4 types of financing (concession, loan, investment, government budget).

1st stage: the station - a complex of Abu Dhabi Plaza (the western part of the ring), 10.19 km, 8 stations;

2nd stage: a set of "Abu Dhabi Plaza - Airport 14.05 km, 7 stations;

3rd stage: a set of "Abu Dhabi Plaza - Station (eastern part of the ring), 17.57 km and 13 stations.

Currently, the feasibility study is undergoing public examination. The start of construction is scheduled in June 2011, completion of construction and commissioning - June 2014.

The size of the station in front of the complex of Abu Dhabi Plaza - 17.5 x 50 feet (44 m transitions), height of 14 meters.

Estimated the volume of traffic:
- Circle Line - 140.0 million passengers / trips per year;
- Line at the airport - 45.0 million passengers / trips per year.
16. Construction of full cycled automobile plant*

**Project purpose:** Construction of full cycled automobile plant and technology park of automotive components in Ust-Kamenogorsk and East Kazakhstan area
1 stage: institution SKD, MKD construction of cars up to 60 thousand cars/year; 
2 stage: expansion of existing facilities to full-cycle production of passenger cars (stamping, welding, painting, assembly) up to 120 thousand/year, exports to Russia and Central Asia; 
3 stage: construction of facilities to produce the automotive components for the car factories of full cycling

**Project initiator:** JSC “Asia Auto”

**Period of realization:** 2010-2015 years

**Project Location:** East Kazakhstan region, Ust-Kamenogorsk

**Project cost:** 506 million USD

**The financing structure:** Own capital 98 m USD

**Required investment:** 408 m USD

**Expenses:** Construction - 204 m USD, purchase and installation of equipment - 204 m USD

**Expected result:**
Manufacturing of 120 thousand cars per year; automotive components for manufacturing of 120 thousand cars / year

**Current state:** Realization of 1 stage, in respect to 1 and 2 stages feasibility study is developed

**IRR:** 32.93%, **NPV:** 503.3 m USD

**Payback period: 5 years**

**Benefits:** streaming technology firms EISENMANN, KOMATSU, DURR, KUKA, COMAU, HYUNDAI, TAIKISHA, OGIHARA

**Infrastructure and Resources:** conditions for electricity, water, gas, sewer. Necessary land 250 hectares

**Sales market:** internal market 918 m USD, export 918 m USD (Russia, Belarus, Central Asia, Caucasian region)

**Creation of jobs:** 2000 during the construction and 4000 during the operation

*Project from consolidated Kazakhstan industrialization map
17. Organization of the frame lateral beams production for truck railcars*

**Project purpose:** Organization of the frame lateral beams and bogie truck railcars production  
*Project from consolidated Kazakhstan industrialization map*  
**Project initiator:** LLP "Karaganda Machine-Building plant named Parkhomenko"  
**Period of realization:** 5 years  
**Project location:** Karaganda region, Karaganda  
**Project cost:** 21 million USD  
**The financing structure:** Own funds – 11 m USD  
**Required investment:** 10 m USD  
**Expenses:** Equipment purchase, installation and testing - 6,3 m USD, transportation of material and equipment - 0,6 m USD, plant reconstruction - 1,1 m USD, project documentation works - 0,8 m USD, working assets - 1,2 m USD  
**Expected result:** Production capacity is 15,000 pieces per year. 1st year realization of project – 500 pc. side frames, 250 pc. bogie beams. 2nd year project realization – 5000 pc. side frames, 2500 bogie beams. 3rd year project realization and beyond years – 10000 pc. side frame, 5000 pc. bogie beams  
**Current condition:** Developed feasibility study, signed a memorandum with consumer about cooperation  
**RR**- 23.9% **NPV**- 2 345 030 USD  
**VA index for 5 years** – 43 149 439 USD  
**Payback period**- 3 years

**Benefits:** State order. New molding equipment of Sinto firm (Germany)  
**Infrastructure and resources:** There is an industrial platform provided with infrastructure, potential suppliers of raw materials, energy, transport infrastructure, land  
**Sales market:** State order 24,7 m USD  
**Specific issues:** Certification  
**Creation of jobs:** 100 during the construction and 200 during the operation
**18. Production of light helicopters**

**Project purpose:** Construction of an assembly plant of multipurpose light helicopter

**Project initiator:** LLP «Aviaconsulting»

- **Period of realization:** 2011-2013
- **Project location:** Astana
- **Project cost:** 25 million USD

**The financing structure:** Own funds – 1m USD

**Required investment:** 24 m USD

**Expenses:** Designing - 1,5 m USD, equipment - 4,9 m USD, construction of production infrastructure - 7,3 m USD, construction of additional land - 3 m USD, infrastructure - 1 m USD, working capital - 6,3 m USD

**Expected result:**

1. **Stage** - Signing the contracts for the supply of assembly goods and special equipment for constructing of helicopters. Supply of 10 sets of assembly helicopters MD 500 -600 N

2. **Stage** - Screwdriver assembly of the first batch of 10 units of the purchased assembly kits

3. **Stage** - Build up to 10 helicopters per year

**Current condition:** Business plan of the project is available

- **IRR:** 20,9%  
- **NPV:** 989,209 USD  
- **Payback period:** 7 years

**Benefits:**
- Assembly of the helicopter, which has not been ever produced in Kazakhstan and the CIS.
- Cooperation with a huge producer of helicopters
- Expected large demand
- State support of the aviation industry
- Due to the Customs Union entry to the market of Russia and Belarus is possible
- Development of Kazakhstani component producers

**Creation of jobs:** 100 during the operation

**Infrastructure and resources:** Land is available

**Sales market:** internal market
19. Production of fire fighting innovation devices

**Initiator:** LLP “Pozhkomplekt”

**Project purpose:** Introduction of innovative fire fighting innovation devices

**Place of realization:** East Kazakhstan region, Semey

**Sales market:** Internal market and foreign countries

**Project status:** Creation of financing scheme

**Realization period:** From the moment of financing

**Project cost:** 10 million USD

**Required investment:** 10 m USD

**Expected result:** Project capacity 1 m items per year

**Current condition:** Business plan and feasibility study, project documentation are available

**Infrastructure and resources:** All necessary infrastructure is available
Project purpose: Development and serial production of ultra light plane
Project initiator: LLP “Aviator -2000”
Realization place: East Kazakhstan region, Ust-Kamenogorsk
Project cost: 2,2 million USD
Required investment: 2,2 m USD
Expenses: Purchase of equipment, technology and materials
Expected result: 50 planes - 3 000 000 USD
Current condition: Prior feasibility study is available, business plan is under development. Technological regulations is available. Video-reports of plane trials (Kazakhstan made, prepared independently, except engine and avionics)
IRR: 68,1% NPV: -1 341,1 thousand USD
Payback period: -2 years

Benefits: Pilots - potential clients training in summer client school. Know-How
Creation of jobs: 130
Infrastructure and resources: Production place is defined. Personnel is available. Presence of service maintenance. All infrastructure is available and manufacturing capacities are available
Sales market: Internal market - 50%, export - 50% (China)
Specific issues: Development of own model of low cost plane - amphibia
Elevator machinery and metal construction plant

**Project purpose:** Creating a modern elevator manufacturing using wasteless technologies  
**Project initiator:** LLP «Interlift»  
**Period of realization:** 2010-2016  
**Project location:** Astana, Socio- Economic Area «Astana Zhana-Kala»  
**Project cost:** 22.9 million USD  
**Required investment:** 22.9 m USD  
**The financing structure:**  
- Plant and infrastructure construction – 10, 7 m USD;  
- Purchase of equipment – 7, 1 m USD;  
- Acquisition of vehicles and machinery – 314 500 USD;  
- Additional costs - 4,3 m USD;  
- Other unforeseen costs – 514 480 USD  
**Expected result:**  
- import substitution;  
- increase exports;  
- job creation;  
- improving education and skills of the population;  
- development of advanced technologies, know-how  
**Current state:** business-plan is available  
**IRR** - 74, 80%; **NPV**- 64,7 m USD;  
**Payback period:** 4,5 years  

**Benefits:** LLP “Interlift” has established contacts with potential suppliers of raw materials and partnerships with potential consumers  
**Infrastructure and resources:** There is a land of 3 ha  
**Sales market:** Internal market, exports to the CIS and abroad  
**Creation of jobs:** 120 – 150
Construction of an aircraft assembly plant

**Project purpose:** Priority for this project is to build and further implementation of “Antonov” aircraft and after-sales service implemented technology and retraining flight personnel.

**Project initiator:** LLP Aircraft Construction Company "Aero KZ"

**Project Location:** land (282 hectares), 20 km from Kapshagay

**Project cost:** 108 m USD  
**Required investment:** 108 m USD  
**Current state:** Feasibility study  
**IRR:** 24%, **NPV:** 24 m USD  
**Payback period:** 5 years

**Benefits:**  
– The urgent need to replace the existing fleet in the Republic of Kazakhstan, which is the key to a successful further development of the project and the increase in demand for aircraft and its maintenance in the future.

**Infrastructure and Resources:** Preliminary negotiations with potential contractors to carry out construction works. Drafted between Ukraine and the Government of Kazakhstan on cooperation in the field of aircraft in the Republic of Kazakhstan

**Sales market:** The domestic market of Kazakhstan, followed by access to external markets.

**Creation of jobs:** 170 jobs in the first years of start-up and increased to 240 in the next.
21. Organization of electricity production by small hydropower stations

**Project purpose:** Organization of production of electricity small hydropower plants on the river Chizha, Borohuddir, Kesekterek, truncating in the Almaty region

**Project initiator:** LLP "Cascade Small HPS"

**Period of realization:** 2011-2014 years

**Project location:** Almaty region, Taldykorgan

**Project cost:** 88 m USD

**The financing structure:** own funds – 15%, investments required 85%

**Required Investment:** 74.8 m USD

**Expected result:** Electric power production 78 megawatt per hour

**Current condition:** There is a feasibility study, started working design, developing project documentation

**IRR:** -14%  **NPV:** >0

**Payback period:** 10 years

**Benefits:** Initiator has experience of similar projects implementation

**Creation of jobs:** 150-200 during the construction and 40-50 during the operation

**Infrastructure and resources:** The project will be provided with infrastructure

**Sales market:** Internal market 986 m USD
Project purpose: Hydro power station electricity production on Uba river- Beloporozhnaya, Volochinskaya hydro power stations  
Project initiator: JSC «Hydropromstroii»  
Period of realization: 2009-2018  
  Project location: East-Kazakhstan region, Shemonaiinskii district  
  Project cost: 500 million USD  
Required investment: 500 million USD  
Expected result: Electricity production with capacity up to 200 megawatt per hour  
Current condition: From the district budget in current year 15,0 million tenge is allocated on the 1st stage of feasibility study  
Payback period – 8 years  

Benefits: Good hydrology of river length 286 km, catchment basin 9950 square km, downfall 480 meters, slope 1.7%, 14 main feeders. Availability of electricity on the period of construction. Vehicles up to 80 tones can go over and delivery of equipment. Project initiator has experience of similar project implementation  
Creation of jobs: 1250 during the construction and 350 during the operation  
Infrastructure and resources: All infrastructure is available  
Sales market: Internal market
Project purpose: Development of technical products and projects design and estimate documentation of atomic power station two blocks with tank facilities VBER-300


Realization place: Mangistau region, Aktau

Project cost: 2,4 billion USD

Required investment: 2,4 b USD

Realization effect: Energy deficit coverage. Capacity to export energy to other regions

Infrastructure and resources: Infrastructure is available

Sales market: internal market 80% and export 20%

Job creation: 991 working place during the operation, 4 000-5 000 during the construction
28. Construction of the Turgay thermal power station

**Project purpose:** Construction of thermal power 2 000 MW based on the Turgay deposit of brown coal basin

**Project initiator:** JSC “Socio-Entrepreneurial Corporation “Tobol”

**Period of realization:** 2011-2020 years

**Project location:** Kostanay region

**Project cost:** 3.8 bln. USD

**Required Investment:** 3.8 bln. USD

**Expected result:** Annual electric power production
1 stage (2015-2017 yy.) – 1 000 MW;
2 stage (2018-2020 yy.) – 1 500/2 000 MW

**Current condition:** Feasibility study is available

**IRR:** -13.53%

**Payback period:** 11 years

**Benefits:**
- The proximity to the TPPs deposit
- The proximity of TPS to the consumer

**Infrastructure and resources:** The project will be provided with infrastructure

**Sales market:** Internal market

**Creation of jobs:** 1500
Project purpose: Local market supply with high quality construction materials

Period of realization: November 2009 - May 2011

Place of realization: Zhambyl region, Taraz

Project cost: 57.8 million USD

Expenses: Local cost – 24.9 m USD, technological equipment - 29.4 m USD, operational expenses - 3.5 m USD

The financing structure: Own funds 6.6 m USD

Required investment: 51.2 m USD

Expected result: Production of rolled metal (245 thousand ton./year), Steel armature (235 thousand ton./year)

Benefits: Development of new metallurgy plant in Kazakhstan producing construction armature by means of processing of ferrous metals bar

Infrastructure and resources: On the area of 9,81 ha administrative building is built, water, boiler house, railway, electricity.
Project purpose: Production of ceramic tiles (tiles)
Project initiator: JSC "Ceramics"
Period of realization: 1.5 years
Project Location: Aktobe region, Hromtau, industrial zone №8
Project cost: 122 million USD
Required investment: 122 m USD
Expected result: Production of sanitary ceramics 1 million pieces per year + ceramic tiles (tiles) 5 million sq.m a year
Current conditions: Developed infrastructure with human resources and fields
Payback period: 4 years

Benefits: The project is based on the existing plant.
Initiator of the project has experience in implementing similar projects
Infrastructure and resources:
Infrastructure has provided, it has land area, electricity, heating transport infrastructure, water and drain
Creation of jobs:
500 during the construction and 250 during the operation
31. Construction of Hantau cement plant

**Project purpose:** Construction of Hantau cement plant  
**Initiator:** LLP «ACIG»  
**Place of realization:** Zhambul region, Hantau station  
**Project cost:** 55 million USD  
**The financing structure:** 22.2% - 10 000 000 USD - JSC "ACIG"; 11% - 5 000 000 USD – Shareholders of JSC "ACIG"; 66.8% - 30 000 000 USD - Development Bank of Kazakhstan  
**Required investment:** 50 m USD  
**Expected result:** Production of 500 000 tones of cement of M400 and M500  
**Current situation:** There is a business plan, design and estimate documentation, and set of technological equipment (ready to operate), contracts on local cost. Construction works are finished, assembling of equipment is being held. Plant is constructed on the square land of 30 ha. Main raw material - Hantau limestone field, clay – on the nearby territory. Other components will be delivered by railway transport.

**Benefits:** Project is related to processing industry, on the first stage has an import substitution function, further has export perspectives and complies with priorities of government economic policy under the strategy of industrial innovative development of Republic of Kazakhstan  
**Infrastructure and resources:** Land is available. Electricity, heating, water supply, transport infrastructure is available  
**NPV:** 107 663 000 USD  
**IRR:** 33%  
**EBITDA:** 384 708 000 USD  
**Job creation:** 50 during the construction and 250 during the operation  
**Sales market:** Internal market - 51 m USD
32. Construction of cement plant

**Project purpose:** Construction of cement plant

**Project initiator:** LLP «BI-Cement»

**Realization period:** 2008 – till present

**Realization place:** Akmola region, Erementau district

**Project cost:** 147 m USD

**Expenses:**
- Equipment supplies PSP Engineering - 59.3 m USD
- Equipment local suppliers - 14 m USD
- Electricity and Kipia - 9.9 m USD
- Designing KPSP - 1 m USD
- External electricity supply - 10.8 m USD
- Purchase and transfer of fettling - 65.0 m USD
- Laboratory equipment - 0.44 m USD
- Other operational and capital expenses - 16.6 m USD

**The financing structure:** Own funds - 21 m USD. «BTA bank» - 87.5 m USD credit line

**Required investment:** 38.1 m USD for transport and installation of equipment

**Expected result:** Production of 522 thousand tones of high grade cement per year

**Current condition:** Obtaining design and estimate documentation

**IRR:** -23.71%  **NPV:** - 108 163 265 USD

**Payback period:** 8 years

**Benefits:**
- Wide range of product application
- Ecological safety of production process
- Pollution level lower than operating cement plants in Kazakhstan

**Creation of jobs:** 700-800 during the construction and 480-550 during the operation

**Infrastructure and resources:** Infrastructure is available. Sluice is available, electricity is in place

**Sales market:** Akmola region, Astana

*Project from consolidated Kazakhstan industrialization map*
33. Development of production of oil and gas and energy valves

**Project purpose:** Development of production of oil and gas and energy valves

**Project initiator:** LLP “KzArmaprom”

**Realization place:** West Kazakhstan region, Uralsk

**Project cost:** 11 million USD

**Expenses:**
- Construction: 3 m USD
- Equipment purchase: 4 m USD
- Working assets: 4 m USD

**Required investment:** 11 m USD

**Current condition:** Feasibility study is available

**Sales market:**
- Russian Federation: 90%
- Internal market: 10%

**Payback period:** 5-7 years

**Sales market:**
- Russian Federation: 90%
- Internal market: 10%
34. Construction of plate glass plant (float method)

**Project purpose:** Construction of plate glass plant (float method)

**Project initiator:** Company “Tasstone” IE Suleimenov M.A.

**Realization place:** North Kazakhstan region, Petropavlovsk

**Project cost:** 150 million USD

**Expenses:**
- Designing and linking up to engineering network – 1 m USD;
- Facility construction – 30 m USD;
- Technology transfer – 60-100 m USD;
- Annual working capital for raw purchase, materials and packing etc. – 10 m USD;
- Working capital for personnel salary per year – 2 m USD;
- Other unpredicted expenses - 5 m USD

**The financing scheme:** Own funds 15 m USD

**Required investment:** 135 m USD

**Current condition:** Report on the research of enrichment and technological approbation of crude material; Contract for mining resource management; Working program is approved.

**Expected result:** Planned capacity 600 tones of glass per day

**Payback period:** 5-7 years

**Benefits:** Organisation in Kazakhstan of modern manufacture of sheet glass and its products corresponding to the world standards

**Infrastructure and resources:** Residential area, on the territory where plant is planned to be constructed there is a railway station. Production place requires all infrastructure availability

**Sales market:** Planned realisation of production is oriented on both internal and foreign markets of Central Asia, southern and east regions of Russia and also there is a possibility of export to the Western China (Shin Zhan-Uyghur autonomy)

**Creation of jobs:** 500 during the operation
Project purpose: Expansion of production of aerated concrete in Semey
Project initiator: LLP «Aiya-K»
Project location: East Kazakhstan region, Semey
Project cost: 7 m USD
Required investment: 5 m USD
Expenses:
3.5 m USD – offset of debt to the bank;
1.5 m USD – building working capital
Expected result: production of 100 000 cubic meters per year
Payback period: 3 years
Cost of product: 7 000 tenge/m³
Current state: Plant is functioning

Benefits: Low cost of products, high profitability, providing high quality products to the region
Creation of jobs: 40 under construction and 250 under operation
Infrastructure and resources: Infrastructure is available. Ground area of 3 hectares where 1 hectare is taken under manufacturing facilities
Sales market: Internal market – 70% (East Kazakhstan region, Pavlodar region), export – 30% (Russian Federation, Altay territory)
Project purpose: Created on the basis of LLP "Nur" cluster production and deep processing of agricultural products (meat, milk and grain), using the latest technology

Project initiator: LLP “NUR”

Realization period: 2009-2011

Realization place: North Kazakhstan region, Akzharskiidistrict

Project cost: 41,7 m USD

Required investment: 27,2 m USD

The financing structure:
- Equipment and construction 4.8 m USD
- Biogas plant 4.6 m USD
- Fattening farm 2.6 m USD
- Dairy farm 2.8 m USD

Benefits:
Over the full effective use of local raw materials and workforce, create more jobs. Achieving a high level of competitiveness of the firm’s by reducing the production cost at a high level of taste, quality and attractive packaging and an affordable price.

Infrastructure and resources: Infrastructure is available (light, water, gas) with further development

Sales market: Internal market & export
Project purpose: Development of the meat processing plant with feeding complex for the production of meat in the form of sausage and meat products to the consumers
Project initiator: LLP “Tandem W”
Realization period: 2010-2011 yy.
Realization place: Aktobe
Project cost: 7.54 m USD
Required investment: 6.29 m USD
The financing structure: own funds – 1.25 m USD
Expected result: Annual slaughter of cattle - 2575, that will be 668.8 tons of high quality meat
Current condition: Business plan is available
IRR=44.81 %, NPV= 8 024 USD
Payback period: 4 years

List of products: Production of sausages, delicatessen, convenience food, meat, by-products
Infrastructure and resources: Infrastructure is available
Sales market: Internal market and export
Creation of jobs: 56
Project purpose: Production of meat products
Project initiator: LLP “Brig company”
Period of realization: 2010
Place of realization: Zhambul region, Taraz
Project cost: 5 m USD
Required investment: 5 m USD
Expected result: Planned project capacity - 4-6 tones of meat products per day
Current condition: Preliminary business plan

In order to return borrowed funds it is planned to provide equipment, the ground area and plant with all communications as a collateral for loan.
At the moment applicant produces sausages and meat products. Production capacity of equipment 1000-2600 tones per year
Sales market: internal market - 60%, export - 40% (Russia)

Project initiator is planning to implement project with support of LLP “Food.kz” with trade brand “Pervomaiskie delikatesi”. Enterprize will produce meat products from horse meat. There is an agreement to supply equipment (Germany) and preliminary agreement to supply products to Russia.
Investment direction:
2 m USD - purchase of land and plant construction;
2,5 m USD - purchase of equipment;
0,5 m USD - designing and technical documentation.
**Project purpose:** Construction of elevator with a capacity of 60 thousand tones  
**Project initiator:** LLP "Enbek Nan"  
**Period of realization:** 2006-2013  
**Project location:** North Kazakhstan region, Akzharskii district, Ashigol  
**Project cost:** 6.4 m USD  
**The financing structure:** Own funds- 11.1%  
**Required investment:** 5.8 m USD  
**Expected result:** Production of high type flour - 6405 tones, 7320 tones of first type, second type flour - 915 tones, 3660 tones of bran per year. Production of rapeseed, flour, receiving, drying, cleaning and storage services of canola and wheat

**Current condition:** Feasibility study is available, construction and installation works start  
**Benefits:** Initiator has an experience of implementation of similar projects  
**Creation of jobs:** During the construction and in operation  
**Infrastructure and resources:** Project is supplied with infrastructure, electricity and water  
**Sales market:** Internal market 21.7 m USD

*Project from consolidated Kazakhstan industrialization map*
41. Salt processing plant*

**Project purpose:** Salt processing plant  
**Project initiator:** LLP "Caspicy Salt"  
**Period of realization:** 2010-2011 years  
**Project location:** Atyrau region, Inder district, Indeborskii  
**Project cost:** 10.5m USD  
**The financing structure:** Own capital – 2.1m USD (20%)  
**Required investment:** 8.4 m USD (80%)  
**Expected result:**  
The project provides production of 100 thousand tones of salt a year:  
Packed salt - no less than 38 000 tones / year;  
food salt bagged in plastic bags - no less than 9 000 tones / year;  
Tech salt bagged in plastic bags - no less than 3 000 tones / year;  
salt in the MRP - not less than 20 000 tones / year;  
salt in bulk - not less than 30 000 tones / year  
**Current conditions:** Developed feasibility study and the CAP - a state order for developing of PDS  
**IRR=24.5% NPV=7.5 mln.USD**  
**Payback period:** 7 years  

**Benefits:** New technological equipment for the production of salt by trademark COSTRUCCIONES MECANICAS J. SERRA» (Spain, Barcelona)  
**Infrastructure and resources:** Technical conditions on electricity, water, gas, sewer, land  
**Sales market:** internal market- 85%  

export- 15%  
**Creation of jobs:** 128 during the operation

*Project from consolidated Kazakhstan industrialization map
42. Construction and equipping of an elevator for storage of oil crops and a plant for production of vegetable oil

**Project purpose:** Construction of elevator for storing oilseeds with capacity of 60 thousand tones and plant for the production of vegetable oil - with a capacity of processing 200 tones of oilseeds per day

**Project initiator:** JSC “NC ”Food Contract Corporation”

**Period of realization:** 2011 - 2013

**Project location:** North Kazakhstan region, G. Musrepov district, Novoshimskoe

**Project cost:** 33,8 m USD

**The financing structure:** own funds – 16,9 m USD (50% of project cost)

**Required investment:** 16, 9 m USD including:
1 stage (construction of oilseed elevator and construction of oil plant in 2011-2012 yy.) - cost 29 m USD;
2 stage (construction of a plant of biodiesel production in 2012) - 4,7 m USD

**Expenses:** Working assets - 2,2 m USD;
Oilseeds procurement - 2,4 m USD;
Construction of plant for vegetable oil production - 9,2 m USD;
Total investment - 19, 9 m USD

**Benefits:**
Used technology (equipment);
Experience in the implementation of investment projects;
Financial statements audited;

**Current condition:** Feasibility study is under development

**Infrastructure and resources:** Infrastructure is available
43. Creation of breeding farms to 1000 head of cattle

**Project purpose:** Increase of the number of breeding beef stock and improving the genetic potential of the domestic cattle

**Project initiator:** JSC «Corporation Mal Onimderi»

**Period of realization:** 2011-2017

**Project location:** Akmola, Karaganda and Almaty regions

**Project cost:** 8,1 m USD

**The financing structure:** own funds - 3,38 m USD

**Required investment:** 4,7 m USD

**Payback period:** 9 years

**Infrastructure and resources:** currently searching for a land

**Sales market:** internal market

**Current condition:** Feasibility study is under development
Project purpose: Industrial production and processing of milk
Project initiator: JSC «Corporation Mal Onimderi»
Period of realization: 2011-2017
Project location: Zhambyl, South-Kazakhstan regions
Project cost: 16,9 m USD
The financing structure: Own funds - 3,4 m USD
Required investment: 13,5 m USD
Expected result: Preliminary volume of production: about 4 000 tones of milk per year
Current condition: Under development

Sales market: Internal market
Creation of jobs: 60 during the construction and 100 during the operation

44. Establishment of two dairy farms with 1200 head of cattle
45. Construction of water-alcohol extraction sector for production of soy protein up to 200t/day

Project purpose: Construction of water-alcohol extraction of soy protein manufacture up to 200 tones/day. Development of agriculture sector, increase of production capacity of existing enterprise, use of new technologies, production of demanded, quality, competitive products, creation of additional working places, increase of company profit.

Project initiator: LLP “Vita industry”

Project location: Almaty region, Ili district

Realization period: 1-2 years from the moment of financing

Project cost: 8,56 m USD

Project financing scheme: Own funds: 1,9 m USD

Required investment: 6,66 m USD

Current condition: Feasibility study is available, main equipment is purchased produced by Europe Crown with cost 1,9 m USD

Sales market: Main markets are Central Asia countries, Russia and all EurazEC

Benefits: Initiator has experience of similar projects implementation and innovation technology

Infrastructure and resources: On the VITA INDUSTRY plant all infrastructure is available, as well as modern technological equipment of leading European and American producers are set. Applied technologies will be in demand for minimum 15-20 years, hence reconstruction of available technological processes is not required. Planned technological changes only are: Construction of new sector for production of previously produces products – functional and base soy concentrate (70% of protein)
46. Construction of plant for deep processing of grain

**Project purpose:** Construction of plant for deep processing of grain, up to 60 thousand tones of grain storage and processing capacity to 300 thousand tones of wheat per year

**Project initiator:** JSC "NC "Food Contract Corporation"

**Period of realization:** 2011 - 2013

**Project location:** North Kazakhstan region, G. Musrepov district, Novoishimskoe

**Project cost:** 152 m USD

**The financing structure:** Own funds (50% total cost) 76 m USD

**Required investment:** 76 m USD

1 stage (construction of a grain elevator in 2011) - cost 16,8 m USD;
2 and 3 stages (construction of the plant for deep processing of grain in 2012-2013) - 135 m USD

**Current condition:** Feasibility study is under development

**Expenses:**
- Vehicles and carriers and preliminary cleanup /waste rejection 0.4 m USD;
- Transporters for filling up of silage 0.35 m USD;
- 50,000 t – round steel silage 2.5 m USD;
- Transporters for silage discharge 0.35 m USD;
- Electric equipment / management 0.5 m USD;
- Total cost “Technological equipment” : 4.4 m USD
- Contract supervision/ Placing in service 105 300
- All equipment elevator 4.5 m USD
- Cost of infrastructure (railway detour, water etc)
- Elevator local cost 2.3 m USD
- Working capital for elevator exploitation (fuel., electricity)
- Administrative expenses
- Mill with capacity 300 tones of grain per day
- Plant for wheat production starch wheat /vital parts fibrin 12.8 m USD
- Local cost 15.5 m USD

**Benefits:** Project initiator has experience in realization of similar projects

**Sales market:** Internal market and export

**Infrastructure and resources:** Documents on the land is under the registration process
47. Organization of wool processing and production of yarn*

**Project purpose:** Organization of wool processing and production of yarn

**Project initiator:** LLP “Posh Taraz Factory”

**Period of realization:** 2010-2011

**Place of realization:** Zhambyl region, Taraz

**Project cost:** 5,08 m USD

**Expenses:**
- Equipment purchase - 3,8 m USD,
- building maintenance - 0,5 m USD,
- working capital – 0,78 m USD

**The financing scheme:** 15% - own funds

**Required investment:** 4,32 m USD

**Expected result:** Production of 1000 tones of yarn per year

**Benefits:** In prospect, the start of new line of textile and fabric production is expected. This will be interesting to foreign products producers that are ready to move production of certain products to Posh Taraz, where production cost is much lower

**Sales market:** Internal market - 10 %, export - 90% (Italy, Germany, Turkey, India, Kyrgyzstan)

**Creation of jobs:** 200 during the operation

---

*Project from consolidated Kazakhstan industrialization map*
Project purpose: Harvesting, processing of wool (carpet and spinning mills)
Project initiator: Socio-Entrepreneurial Corporation “Tekes Tubit”
Project location: Almaty region, Raimbek district, Tekes
Project cost: 29 m USD
Own funds: 4 m USD
Required investment: 25 m USD
Expenses: 11mln.USD - textiles production, 14 m USD - carpet production

Benefits: Project is on the base of operating enterprise, raw base is available
Infrastructure and resources: All infrastructure is available. Land is available, electricity, water, cleansing structures
Current situation: Feasibility study is developed
Sales market: 30% - internal market, export -70% Central Asia courtiers (Europe, Turkey, China)
Project purpose: Organization of modern textile production
Applicant: JSC “Utex KZ”
Period of realization: 15 years
Project location: South Kazakhstan region, Sayram region, 7 km by Lenger highway
Project cost: 100 m USD
The financing structure: Own funds – 23%
Required investment: 77 m USD
Expected result: The project plans production of 18,900 thousand meters of fabric. Production of cotton yarn from Nm 20 – Nm50 fabrics of cotton - calico, muslin, satin, terry cloth
Current conditions: construction works
IRR=35.5%, NPV= 50 808 thousand USD
Payback period: 3.5 years

Benefits: Operation within SEZ “Ontustik”. Joint textiles equipment Riter, Uster (Switzerland), Dornier, Karl-Maier (Germany), Zimmer (Austria)
Infrastructure and resources: conditions for electricity, water, gas, sewer. Land is available
Sales market: Export 88 m USD
Creation of jobs: 50 during the construction and 1041 during the operation

*Project from consolidated Kazakhstan industrialization map
**Project purpose:** Development of tourist complex in accordance with international standards

**Project initiator:** LLP «Baiterek Sayahat Ortaligy»

**Realization period:** 2010-2012

**Place of realization:** Zhambyl region, Zhyalinski district, T. Dyisebaiyli

**Project cost:** 14 m USD

**Required investment:** 14 m USD

**Expected result:** Construction of the following objects is planned: a hotel complex with 100 double rooms, the ski slope equipped chair lift, station with hiring services of the equipment (skis, snowboards, snowmobiles, motor-cross-country vehicles, mountain bicycles etc.), parking place, a banquet room on 300 places for carrying out of the big celebrations, weddings and anniversaries

**Current condition:** Preliminary business plan is available. Project realization is foreseen in Kazakhstan state programme of tourism development 2010-2014 years.

---

It is planned to develop recreation base on the mountain foot with all infrastructure. Land with square 7.5 hectares has been bought

**Sales market:** Internal market - 60%, export - 40% and Central Asian countries - 40%
51. Construction of a tourist center "Jana Ile"

**Project purpose:** Ensuring sustainable development of tourism, services and competitive tourism industry

**Project initiator:** LLP «Nur Saulet»

**Period of realization:** 2010 - 2020

**Project location:** Almaty region, Kapshagai

**Project cost:** 20.4 b USD

**Required investment:** 20.4 b USD

**Expected result:** Development of domestic tourism

1. Beach and resort
2. Long and short breaks.
3. City Entertainment.
4. Intended for building territory
5. Transport-Logistics and Industrial Zone

**Creation of jobs:** 120,000 during the operation and 900 during the 1st stage of construction

**Current condition:** Master plan, state inspection is under consideration in the government of RK
52. «Burabai» tourist center development*

**Project purpose:** Complex development of tourism infrastructure and investment attraction into construction

**Project initiator:** LLP "Borovoe Tourism City"

**Realization period:** 2009 – 2021

**Place of realization:** Akmola region, Burabai district, Shuchie lake

**Project cost:** 60 m USD

**Required investment:** 40 m USD

**Realization effect:** Tourism industry development in Kazakhstan. Number of visitors will be 0.2 m people after the initial stage of project implementation and more than 1 m people after completion of project

*Project from consolidated Kazakhstan industrialization map*
Project purpose: Construction and operation of world-class year-round resort “Butakovka”

Project initiator: Art gallery “Oner”

Place of realization: Almaty region, village Butakovka

Project cost: 500 m USD

Required investment: 500 m USD

Expected result: Construction of the following objects is planned: hotel complex for 500 beds, ski circus with artificial lighting and snow, icy chutes for inflatable sled “Snowtubing”

Current condition: Business plan is available

IRR = 14.3 %, NPV = 79.8 m USD

Payback period: 4 years

Infrastructure: It is planned to develop recreation base on the mountain foot with all infrastructure

Sales market: Internal market
54. Building of International Centre for Cross-Border Cooperation “Khorgos”*

**Project purpose:** Development of cross-border trade and economic, scientific-cultural co-operation of Kazakhstan and China

**Project initiator:** JSC “International Centre for Cross-Border Cooperation “Khorgos”

**Period of realization:** 2005-2018

**Project location:** Almaty region, Panfilov district

**Project cost:** 2 552.5 m USD

**The financing structure:** 496 m USD in a separate budget program, representing 19.26% from the total value of the investment project. For design and construction of functional zone, administrative-business territory in the Centre

**Required investment:** around 2,1 b USD, which contains 80.74% of the total value of the investment project

**The effect of realization:** Development of border trade, economic, scientific-technical and cultural cooperation of Kazakhstan with China

**IRR= 13 % **  
**NPV= 10 138 USD**

**Payback period** - 135 months

**Benefits:** Multiply effect for local economy, development and support of knowledge transfer, promotes technological progress. Advantages to companies participants by means of risk sharing without loss of comparative advantage. Advance of industrial evolution

**Infrastructure and resources:** Project is fully supplied with infrastructure

**Creation of jobs:** 6,3 thousand of people

---

*Project from consolidated Kazakhstan industrialization map*
55. Construction of the "Caspian Energy Hub"

**Project purpose:** Construction of an integrated energy hub, providing with necessary commercial, technical and human resources of oil and gas industry and the Caspian region

**Project initiator:** LLP «Caspian Centre of Development»

**Period of realization:** November 2008 – March 2014

**Project location:** Mangistau region, Aktau

**Project cost:** 13.8 b USD

**Expenses:**
1 stage (preparatory) - 12 m USD,
2 stage (construction of internal infrastructure) - 250 m USD,
3 stage (facilities construction) - 13.6 b USD

**Required investment:** 13.6 b USD

**The financing structure:** External infrastructure provided by the Republic budget

**Benefits:** Energy hubs improves the economic benefits of local economy, improves and promote the development and exchange of knowledge, and accelerate technological progress.