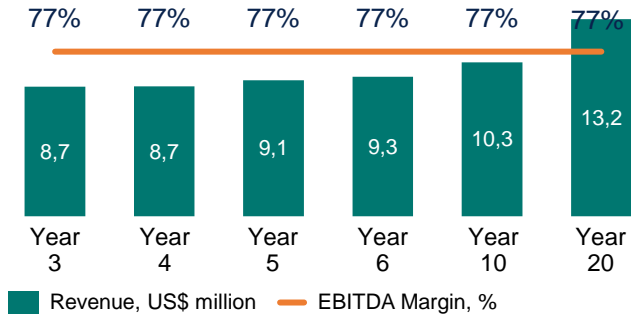




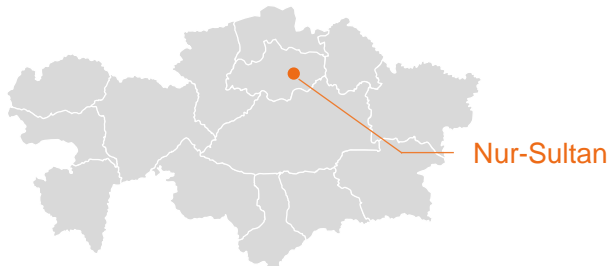
Utilization of carbon – containing waste



Project Profitability



Location



Product

Capacity	30-40 thousand tonnes per year
Domestic demand	4,300 thousand tonnes per year

Valuation Metrics

Required Investment	US\$30 million
Project NPV	US\$15.3 million
Project IRR	16.7%
Payback Period	6.6 years



The Project

- The Project includes construction of a complex for the environmentally friendly processing of municipal, medical, industrial and other organic carbon-containing waste near Nur-Sultan city
- The Project's technology is based on flameless gasification, which is used in Germany for last 15 years. The flameless gasification reactor operates continuously for 8,000 hours per year. The Project is closed-cycle: excessive energy generated from waste processing is planned to be used for lightning and heating of greenhouses, coke - to produce foam glass granulate.
- The Project initiator has received a land plot of 7 ha for facility construction in leasing until 2024
- The Project initiator has received all necessary permits for construction of the complex
- The Project initiator has obtained technical conditions for connection to electric networks and water supply system
- Processing of waste samples has been successfully done in Germany
- The Project is subject for governmental support, including:
 - Transfer of land ownership rights after commissioning of the facility
 - Exemption from income tax for 10 years
 - Exemption from property tax for 8 years
 - Exemption of custom duties on imported equipment
 - Reimbursement of up to 30% of capital expenditures after commissioning of the facility

The Market



Over 4.3 million tonnes of solid waste is generated in Kazakhstan annually, out of which only 12% is utilized. Over 350,000 tonnes of solid waste is generated in Nur-Sultan city annually. Up to 80% of city's waste is buried in an open landfill. According to expert estimates, the volume of accumulated solid waste in Kazakhstan is 25 billion tonnes

Team and the Company's financial state



- The Project initiator has an extensive experience in energy industry
- The Project initiator has invested circa US\$200 - 250 thousands in project development

Investment Opportunity



- The Company is looking for financial and/or strategic partner. The amount and share in the project is subject to negotiation