# Project: Construction of a greenhouse complex

#### Information

#### **Description of the Kazakhstan partner:**

Funded in 2013

#### **Description and history of the project:**

Modernization of a 4-hectare greenhouse complex with expansion of a 0.5-hectare greenhouse complex

Location: Almaty region, Karasay district, Eltay rural district

**Production:** tomatoes and cucumbers. Capacity is 1400-1500 tons

Current status of the project: problematic, not functioning

**<u>Project cost</u>**: 529 756 365 tenge (the project cost is approximate, subject to changes depending on various factors)

<u>Amount of required investments</u>: 150 804 500 tenge (capital expenditures and working capital)

<u>Mechanism for implementing the project to a potential investor</u>: purchase and sale agreement, debt transfer

**Support tools:** installment payment

### Brief description of the project:

Industrial greenhouse with low-volume hydroponic technology. Equipment: Turkey, China, Russia, Kazakhstan.

The total area of the greenhouse is 4.08 ha. the Greenhouse consists of 2 production blocks with an area of 20,867. 8 and 18,532. 8 sq. m. respectively, and a seedling part of 1,442 sq. m. it Has a technical corridor with an area of 210 sq. m.

A greenhouse block with an area of 18,532. 8 sq. m.: a multi-span span of 6.4 m, a column pitch of 3.0 m, a column height of 4.0 m, a roof height of 5.5 m, is designed for growing vegetables. A greenhouse block with an area of 20,867. 8 sq. m. with a seedling section: a multi-span span of 10.3 m, a column pitch of 2.5 m, a column height of 4.0 m,and a roof height of 5.5 m. it is intended for growing vegetables. The greenhouse complex has its own Autonomous seedling plant to provide seedling material for its own needs and can provide services for growing seedlings of vegetable and flower crops. The seedling part is fully equipped with all the necessary infrastructure: ventilation system, automatic irrigation system, solution unit, container part etc.

The total area is 1442 m2. One-time planting of seedlings can be up to 850,000 pieces.

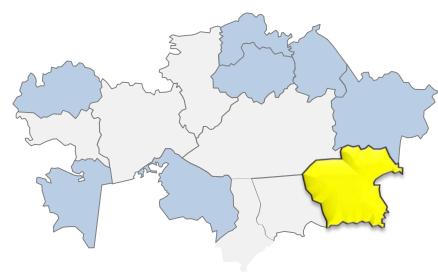
**Sales market**: 20 km from Almaty. Main sales in the markets of Almaty: Altyn Orda market, Magnum stores. About 20% supply to the markets of the Russian Federation (Moscow, Omsk, Novosibirsk) Annual production and sales of 800-1000 tons

**Infrastructure**: highway, gas supply, power supply, high-quality water supply, isolated location. The power supply is provided via its own 10 kW power line with a transformer substation. The length of the constructed power line from the source to the greenhouse is 1.5 km.

**<u>Reason of project problem</u>**: poor quality management, management problems

**Termination of the greenhouse complex in 2018** 

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List of assets
1. A greenhouse complex with a total area of 42,643.5 sq.m (Office with
an annex of 55 sq.m., a greenhouse of 40,869 sq.m., a boiler room - 211.7
sq.m., a container manufacturing workshop - 542.9 sq.m., a reservoir -
80.1 sq. m., a diesel generator - 20 sq. m., a warehouse - 216.1 sq. m., a
checkpoint post - 27.8 sq. m., a substation - 10.8 sq. m, with an
adjoining land plot on the basis of private property, with a total area of
5.8877 hectares)

2. Buildings and structures with a total area of 957.5 sq.m. (guest house - 369.5 sq.m., bathhouse - 463.2 sq.m., veranda - 66.1 sq.m., checkpoint post - 13, 8 sq.m., canopy - 44.9 sq.m., with an adjacent land plot on the basis of private property, with a total area of 0.8323 hectares)

Quantity

1

1

Photos of the object:



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**Project implementation location**