

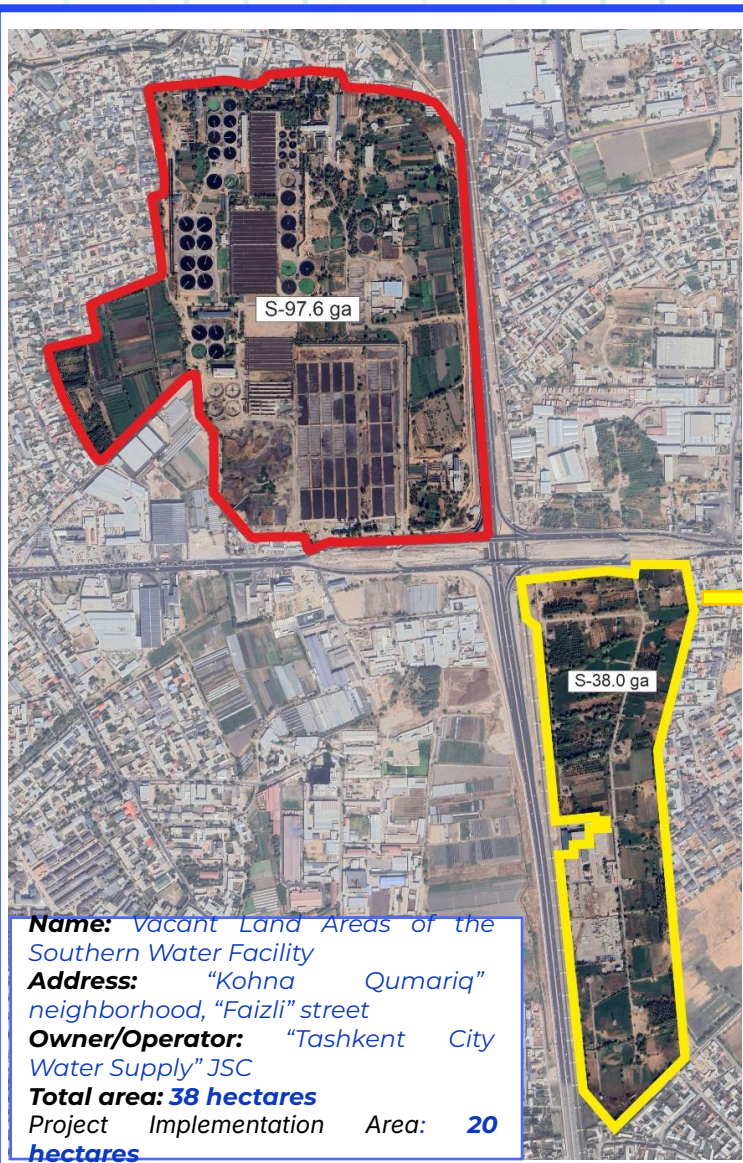
# GREEN ENERGY PRODUCTION PROJECT

## AGRIVOLTAIC SYSTEM

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Comparative data reflecting the potential to prevent the emission of harmful gases into clean air



**✓ Solar panels:**

To produce 20 million kWh of electricity per year, the following will be required:

- 20 hectares of land area
- A 13 MW solar power system
- 0 tonne- The amount of harmful CO<sub>2</sub> gas emitted into the air

**✗ Coal:**

To produce 20 million kWh of electricity per year, the following will be required:

- 8 000 tonnes of coal
- 60 000 m<sup>3</sup> of water
- 20 000 tonne- The amount of harmful CO<sub>2</sub> gas emitted into the air

**✗ Heavy fuel oil (HFO):**

To produce 20 million kWh of electricity per year, the following will be required:

- 6 000 tonnes of heavy fuel oil
- 55 000 m<sup>3</sup> of water
- 19 000 tonne- The amount of harmful CO<sub>2</sub> gas emitted into the air

**✗ Natural gas:**

To produce 20 million kWh of electricity per year, the following will be required:

- 4 400 000 m<sup>3</sup> of natural gas
- 50 000 m<sup>3</sup> of water
- 8 800 tonne- The amount of harmful CO<sub>2</sub> gas emitted into the air