



**Production of  
photovoltaic panels**



# Production of photovoltaic panels



## Relevance of the project

In the near future, a PPP-based tender will be launched in Uzbekistan for two more projects in the field of solar energy with a capacity of up to 200 MW each in Samarkand and Jizzakh regions, followed by additional tenders with a total capacity of 500 MW. Uzbekistan has set itself a goal of generating alternative energy with a capacity of up to 5 GW by 2030.



## Advantages of project implementation

According to research by IHS Markit, the global photovoltaic (PV) market will grow 142 GW in 2020, up 14% from last year. The key European markets are expected to be Spain, Germany, the Netherlands, France, Italy and Ukraine, which will account for 63% of all new solar generation facilities in Europe in 2020.



## Import analysis

Total imports of photovoltaic panels for 2019 amounted to **4.4 million USD** in monetary terms.



## Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



## Location of the project



Republic of Uzbekistan,  
including in Free Economic  
Zones



## Key investment indicators

**\$15.0 M**

Estimated project cost

**4 years**

Payback period of the project

**70**

Number of new jobs created



## Production volume and revenue

Product name	1 year		2 year		3 year		4 year	
	quantity (MW)	amount (in M USD)	quantity (MW)	amount (in M USD)	quantity (MW)	amount (in M USD)	quantity (MW)	amount (in M USD)
Photovoltaic panels	50.0	20.0	70.0	28.0	85.0	34.0	100.0	40.0



## Sales market

The local market of Uzbekistan, as well as neighboring Central Asian and CIS countries, are considered as the main markets for products.