

# Our expertise in emission-reduction projects

## Eurasia

Since 2011, SYNECTA a.s. has cooperated with JSC Uzbekenergo to work towards implementing emission reduction projects.

SYNECTA a.s. and JSC Uzbekenergo have developed an action plan with the ultimate goal of championing Uzbekistan to become an environmentally friendly country, starting with two initial projects aiming at 12,264,946 mln tCO<sub>2</sub> emission reductions over 10 years.

After a successful debut with Talimarjan and Tashkent, SYNECTA a.s. was selected to serve as an expert consultant for two other projects, Navoi I and Navoi II, which have an estimated 10-year emission-reduction goal of 11,790,401mln tCO<sub>2</sub> emission reductions for 10 years.

As of today, SYNECTA a.s. and JSC Uzbekenergo have reached the significant milestone of being registered by the United Nations Framework Convention on Climate Change (UNFCCC), enabling them to earn certified emission reduction (CER) credits.

UNFCC oversees the Clean Development Mechanism (CDM), allowing for the realization of emission-reduction projects.

CDM, along with emissions trading and joint implementation, is a key element of the Kyoto Protocol, under which countries are required to reduce their greenhouse gas emissions to ensure long-term socio-economic sustainability.

### Talimarjan

Clean Generation Project emissions reduction  
**8,361,518 t CO<sub>2</sub>e.**

### Navoi I

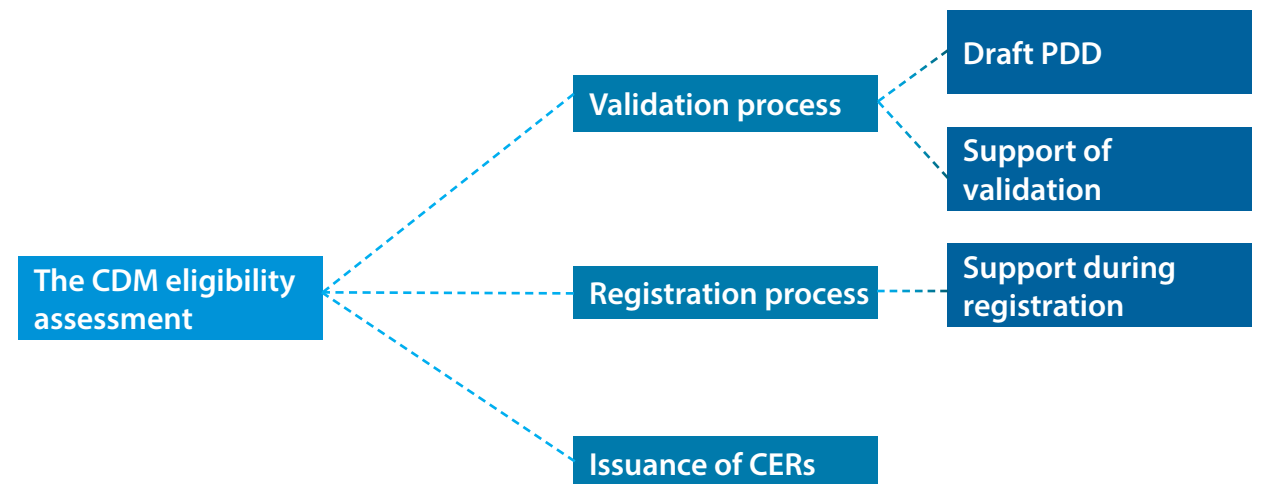
emissions reduction  
**3,428,883 t CO<sub>2</sub>e.**

### Tashkent

Power Project emissions reduction  
**3,903,428 t CO<sub>2</sub>e.**

### Navoi II

emissions reduction  
**424,728 t CO<sub>2</sub>e.**



### The SYNECTA a.s. approach to emission-reduction project implementation:

#### CDM

The first step is a CDM eligibility assessment.

The second step involves drafting a Project Design Document (PDD) and responding to UNFCCC inquiries about the project's implementation.

The third step is marketing the CERs and negotiating with the brokers that sell them.

#### GS

**Applying the Gold Standard (GS) is a better way to implement renewable energy and energy efficient projects.**

Voluntary Gold Standards are voluntary modifications of the CDM rules. These standards are stricter than regular CDM rules and they require additional consultation with independent stakeholders as well as additional project documentation. On the other hand, under the CDM Gold Standard, the credit is about 5 EUR/tCO<sub>2</sub>e, which is significantly higher than the regular CDM credits.