

Kyrgyz Solar PPP Program

CAREC Senior Officials' Meeting
June 17, 2025



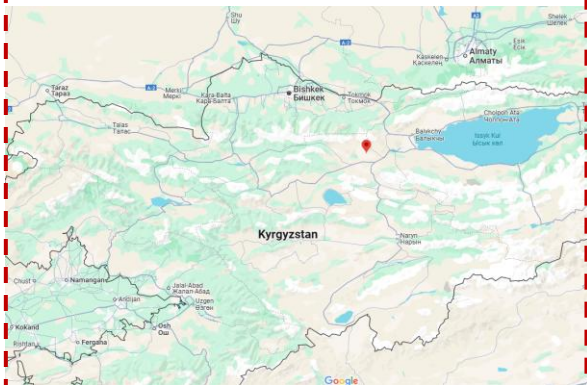
Kyrgyz Solar PPP Program Overview

- The Ministry of Energy (MoE) and Ministry of Economy and Commerce (MoEC) mandated IFC PPP Transaction Advisory in 2023 to develop **up to 500 MW of solar PV on a PPP basis, through several rounds of competitive tenders**, as follows:
 - **Pilot project (Round 1):** one plant with a capacity of **100 to 150 MW_{AC} in Kongorchok**, in tender stage with bids expected by end June 2025. It is the first large-scale PPP tender and the first competitively procured solar project in the country; and
 - **Second project (Round 2):** **two plants of up to 150 MW_{AC} each, in Batken (Alga) and Talas (Kok Oi)**, in the technical due diligence phase.
- It is supported by the PPP Center, under the National Investment Agency (NIA), in cooperation with the National Electricity Grid of Kyrgyzstan (NEGK), and the Green Energy Fund (GEF).
- The projects benefit from a **one-WBG approach**, with:
 - **IFC** acting as transaction advisor
 - **IDA** supporting sector reforms, grid reinforcement, and offering a payment guarantee as credit enhancement
 - **MIGA** offering Political Risk Insurance (PRI) cover
 - **GIF** is funding part of the preparation costs of Round 2.

Projects Overview

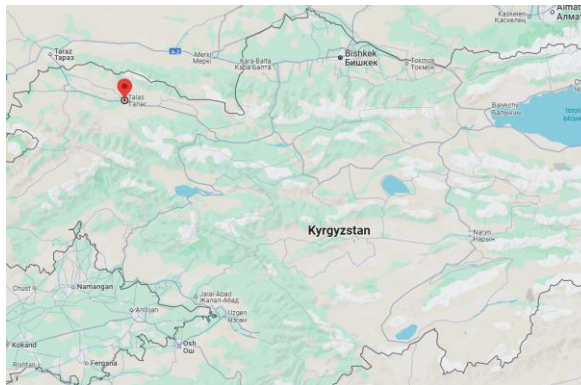
ROUND 1 – 150 MW (pilot)

Location	Kochkor District, Naryn
Site area	~240 hectares
Connection	220 kV Kemin-Ak Kya line
Line	11.5 km
Irradiation	1,678 kWh/m2/year

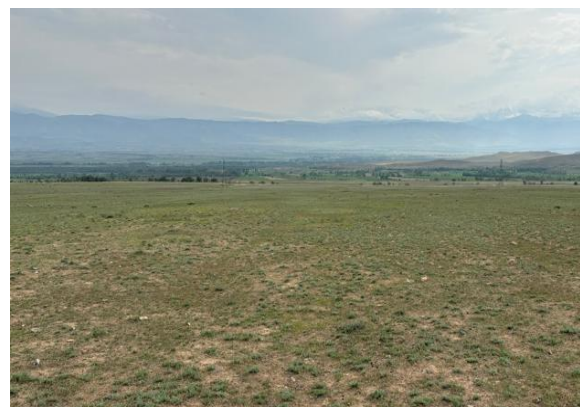
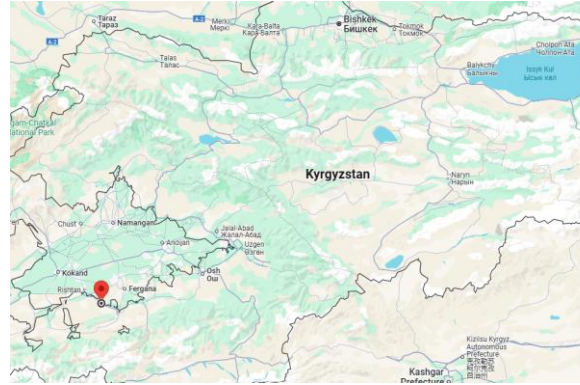


ROUND 2 – 2 x 150 MW

Location	Kadamjay District, Batken
Site area	~300 hectares
Connection	500 kV line
Line	2-3 km
Irradiation	1,550 kWh/m2/year

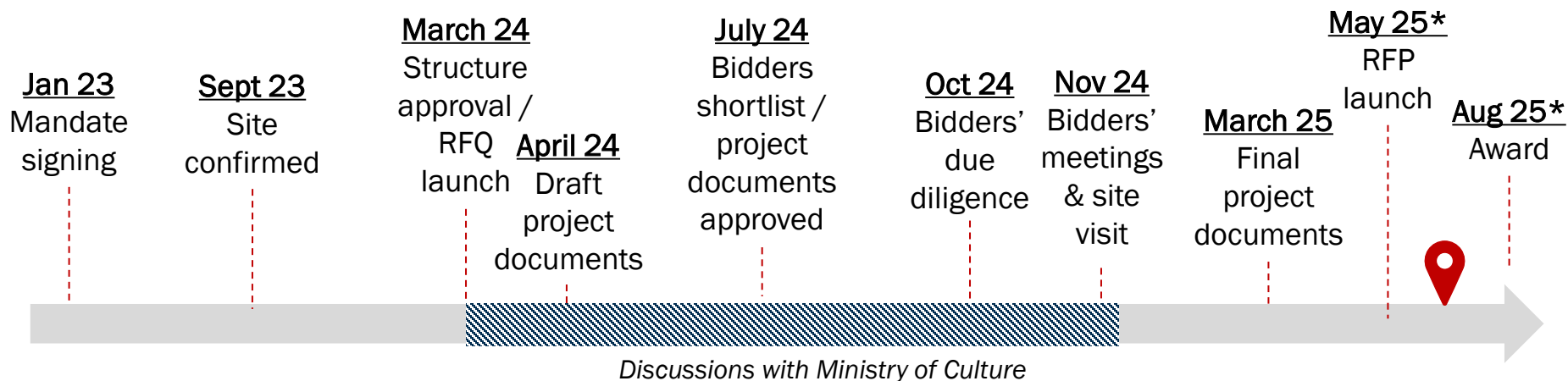


Location	Talas District, Talas
Site area	~400 hectares
Connection	Semetei Substation
Line	5-6 km
Irradiation	1,616 kWh/m2/year

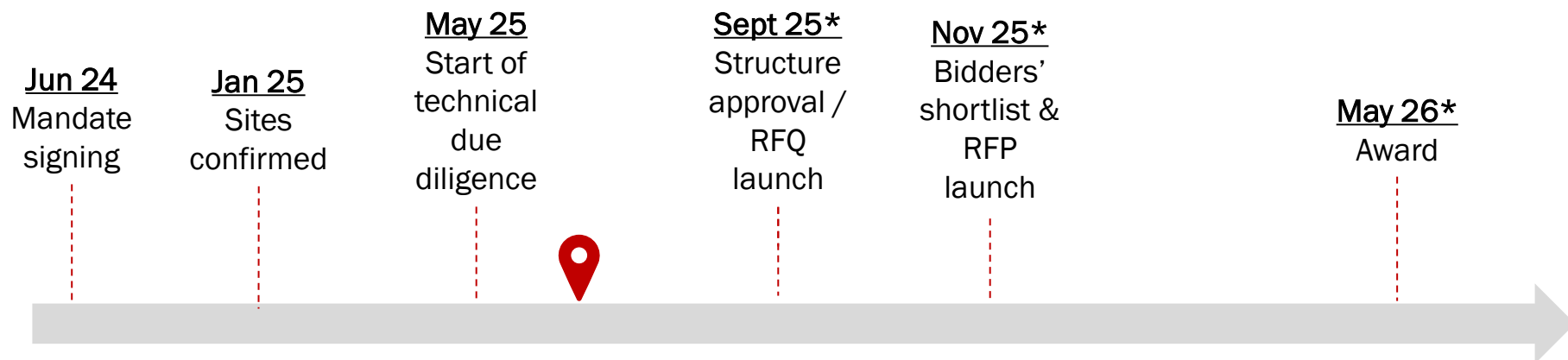


Projects Status

ROUND 1



ROUND 2



Key Objectives of the Kyrgyz Solar PPP Project

- **Increasing electricity production:** by diversifying generation sources, increasing domestic and clean generation, in a fast and affordable manner
- **Setting a benchmark:** Establishing a baseline for solar PPPs' terms and tariff price discovery through open competition
- **Building a program:** Having a first pilot to open the market and test the framework, followed by at least one subsequent round, to mainstream the approach, progressively reduce the tariff, and provide a pipeline of opportunities
- **De-risking renewable investment for investors:** To attract investors and yield a competitive tariff, risk allocation must be in line with international market practice and expectations, including adequate credit enhancement (liquidity support), and political risk mitigation
- **Mitigating E&S impact:** The Kyrgyz Republic has significant E&S sensitivity (biodiversity, cultural heritage, land, etc.). For such project to be socially acceptable and bankable it should comply with international E&S standards

Key Considerations for Success

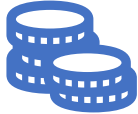
Full Support from the Government



Bankable, Stable & Clear Legal Framework



Technical feasibility



Commercial feasibility



- Well prepared transaction
- Risk allocation that is acceptable to both private / public partners
- Transparent tender process



Thank You!
Спасибо!