Early Warning System

# ADB-57212-001

## Uzbekistan : Bukhara Solar and Battery Storage Project

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### Quick Facts

| | |
|---|---|
| **Countries** | Uzbekistan |
| **Specific Location** | Alat District of the Bukhara region |
| **Financial Institutions** | Asian Development Bank (ADB) |
| **Status** | Approved |
| **Bank Risk Rating** | B |
| **Voting Date** | 2023-11-16 |
| **Borrower** | Nur Bukhara Solar PV LLC FE (MASDAR) |
| **Sectors** | Energy |
| **Investment Type(s)** | Loan |
| **Investment Amount (USD)** | $ 63.60 million |
| **Loan Amount (USD)** | $ 63.60 million |
| **Project Cost (USD)** | $ 316.00 million |

## Project Description

As stated by the ADB, the Project constitutes the development, construction, operation, and transfer of a 250 MW solar PV along with a 63 MW/126MWh of battery storage and a 220 kV substation. The project site is in the Bukhara region and covers an area of around 6.75 square kilometers.

## Early Warning System Project Analysis

The ADB categorized the project as follows:

| | |
|---|---|
| Environment | B |
| Involuntary Resettlement | B |
| Indigenous Peoples | C |

## Investment Description

- Asian Development Bank (ADB)

### Private Actors Description

Nur Bukhara Solar PV LLC FE is a renewable energy company that will build, own and operate an up to 250MW solar PV with 63MW battery energy storage system in Uzbekistan. The Company is owned by Abu Dhabi Future Energy Company PJSC (Masdar) which is ultimately owned by Mubadala Investment Company, Abu Dhabi Developmental Holding Company, and Abu Dhabi National Oil Company. Established in 2006, Masdar is a global leader in renewable energy and sustainable urban development, active in over 40 countries across six continents with a total capacity of over 20 gigawatts (GW) (with credit ratings: Fitch (A+) and Moody’s (A2)).

| Private Actor 1 | Private Actor 1 Role | Private Actor 1 Sector | Relation | Private Actor 2 | Private Actor 2 Role | Private Actor 2 Sector |
|---|---|---|---|---|---|---|
| Abu Dhabi National Energy Company PJSC - TAQA | Parent Company | Energy | owns | Abu Dhabi Future Energy Company PJSC - Masdar | Client | Energy |
| Abu Dhabi National Oil Company | Parent Company | Energy | owns | Abu Dhabi Future Energy Company PJSC - Masdar | Client | Energy |
| JSC National Electric Grid of Uzbekistan | Buyer | Energy | contracts with | Abu Dhabi Future Energy Company PJSC - Masdar | Client | Energy |
| Mubadala Investment Co PJSC | Parent Company | Finance | owns | Abu Dhabi Future Energy Company PJSC - Masdar | Client | Energy |

## Contact Information

**ADB Team Leaders:**

Danyaal Malik - Private Sector Operations Department
Nicola Davies - Project Manager & Environmental Expert

*No contacts available at the time of disclosure.*

**Consulting Firm - Juru Energy Consulting LLC:**

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**Client - Abu Dhabi Future Energy Company:**

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**ACCESS TO INFORMATION**

You can submit an information request for project information at: https://www.adb.org/forms/request-information-form

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: https://www.adb.org/site/disclosure/appeals

**ACCOUNTABILITY MECHANISM OF ADB**

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: http://www.adb.org/site/accountability-mechanism/main.

**Bank Documents**

- Bukhara Solar and Battery Storage Project: Preliminary Poverty and Social Analysis
- Draft Resettlement Plan - Annexes 1
- Draft Resettlement Plan - Annexes 2
- Draft Resettlement Plan - Main Report
- Draft Resettlement Plan - Main Report part 2
- Draft Resettlement Plan - Main Report part 3
- Final Initial Environmental and Social Examination Report - Part 1
- Final Initial Environmental and Social Examination Report - Part 10
- Final Initial Environmental and Social Examination Report - Part 11
- Final Initial Environmental and Social Examination Report - Part 12
- Final Initial Environmental and Social Examination Report - Part 13
- Final Initial Environmental and Social Examination Report - Part 14
- Final Initial Environmental and Social Examination Report - Part 15
- Final Initial Environmental and Social Examination Report - Part 16
- Final Initial Environmental and Social Examination Report - Part 17
- Final Initial Environmental and Social Examination Report - Part 2
- Final Initial Environmental and Social Examination Report - Part 3
- Final Initial Environmental and Social Examination Report - Part 4
- Final Initial Environmental and Social Examination Report - Part 5
- Final Initial Environmental and Social Examination Report - Part 6
- Final Initial Environmental and Social Examination Report - Part 7
- Final Initial Environmental and Social Examination Report - Part 8
- Final Initial Environmental and Social Examination Report - Part 9

### Other Related Projects

- IFC-47285 UZ Solar 3
- FMO-62515 Nur Bukhara Solar PV FE LLC
- WB-P181434 Uzbekistan Solar and Renewable Energy Storage Project