



Article 6.4 Mechanism
Prior consideration notification form for projects
(V01.0)

Project Title:	Samarkand-1 Solar Power Plant
Names of the activity participants:	Mundo Verde Climate SA, Tepelen Group Holding Limited, Gaia Climate Finansal Danışmanlık Hizmetleri ve Ticaret A.Ş.
Host party:	Uzbekistan
Precise geographical location (Full address or GPS coordinates):	Chupon-Ota upland, Rasadkhona mahalla (Samarkand City, Uzbekistan)
A brief description of the technologies or measures to be deployed:	Solar Power Plant The project employs photovoltaic solar technology with an 20 MW capacity, using advanced solar panels and inverters for clean electricity generation. The annual gross electricity generation from the plant is forecasted to be 53,728 MWh. Expected annual greenhouse gas (GHG) emission reductions are substantial, with an estimate of approximately 23,553 tCO₂e per year, contributing significantly to climate change mitigation by displacing electricity generated from fossil fuel-fired power plants.
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	27 Feb 2023
The type of the crediting period:	Renewable
Start date of the crediting period:	25 Sep 2023
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	23,553 tCO ₂ eq per year