



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

<b>Project Title:</b>	Grid-connected solar PV plants in Togo
<b>Names of the activity participants:</b>	atmosfair gGmbH
<b>Host party:</b>	Togo
<b>Precise geographical location (Full address or GPS coordinates):</b>	The grid connected solar-PV plants will be located in different regions across the Togolese Republic. The first solar-PV plant is located in the following region in the Togolese Republic: Plateau Region/Village of Kpessi (Latitude: 8.071864/ Longitude: 1.275129). Further regions will be covered: Maritime, Centrale, Kara and Savanes.
<b>A brief description of the technologies or measures to be deployed:</b>	<p>The technology used in this project is solar PV. Solar modules convert light energy into electrical Direct Current and an inverter converts the Direct Current into Alternating Current. Before the solar power is fed into the public grid, a transformer in a substation increases the voltage.</p> <p>The project takes the approach of using agricultural land to simultaneously grow agricultural crops and generate PV electricity (“Agri-Photovoltaic”).</p> <p>The installation works are divided into civil works (land grading, access roads, and foundations), mechanical engineering (installation of overhead mounting system, PV module placement and drip irrigation system) and electrical engineering (cabling and connections).</p>
<b>The Article 6.4 mechanism methodology to be applied (if already known):</b>	Not known
<b>The actual or planned start date of the activity:</b>	28 Aug 2023
<b>The type of the crediting period:</b>	Fixed
<b>Start date of the crediting period:</b>	01 Jan 2025
<b>The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:</b>	Annual average over CP1: 7,152 tCO <sub>2</sub> e/year

