



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

<b>Project Title:</b>	Biochar from Waste Biomass (Camel Manure)
<b>Names of the activity participants:</b>	The Local Biochar Company, Circular Carbon Solutions Limited
<b>Host party:</b>	United Arab Emirates
<b>Precise geographical location (Full address or GPS coordinates):</b>	Camelicious Farm Dubai, Al Ain Road, Exit 26, Madinat Hind 3, Um Nahad 3 Area, GPS coordinates: 25.031152, 55.420140
<b>A brief description of the technologies or measures to be deployed:</b>	The Biochar Project aims to divert camel manure from a nearby engineered landfill and thermally convert it into carbon-rich biochar. This biochar will be used as a soil conditioner in agriculture. The project will be certified according to the World Biochar Certification (WBC) standard from Carbon Standards International, Switzerland. Biochar serves as a proven carbon sink for at least 100 years. The process operates 24/7 using energy generated from waste heat, making it self-sufficient. Excess waste heat will substitute diesel for steam production at a dairy farm, and surplus electricity will be fed into the grid. To our knowledge, this initiative is the first carbon dioxide removal (CDR) project using BCR (Biochar Carbon Removal) in the Emirates.
<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>	15 Jun 2024
<b>The type of the crediting period:</b>	Renewable
<b>Start date of the crediting period:</b>	01 Oct 2024
<b>The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:</b>	~5,000 tCO <sub>2</sub> eq per year