



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

Project Title:	Varanasi Smart City Bio-Conversion Project
Names of the activity participants:	Gobardhan Varanasi Foundation SPV
Host party:	India
Precise geographical location (Full address or GPS coordinates):	The project is located in the village Shahanshahpur of Varanasi district, Uttar Pradesh. The central coordinates of the location is 25°11' 37.39" N and 82°51' 22.39" E.
A brief description of the technologies or measures to be deployed:	<p>Varanasi Smart City Bio-Conversion Project (hereafter referred to as the project) is a newly built methane recovery and utilization project located in village Shahanshahpur of Varanasi district In Uttar Pradesh State of India.</p> <p>The Project is owned by Gobardhan Varanasi Foundation SPV. The proposed plant will treat about 90TPD of Animal manure (Cow dung) & around 30TPD of Press-mud per day sourced from nearby farmers or aggregators. The bio-CNG production capacity would be 3TPD.</p> <p>The purpose of the Project is to: (a) avoid methane emissions from existing animal manure (Cow dung) & Sugarcane based press mud treatment system; (b) replace the more-GHG fossil fuel, i.e. the compressed nature gas (CNG) for combustion in vehicles by Bio-CNG in Varanasi district.</p>
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	17 Feb 2021
The type of the crediting period:	Renewable
Start date of the crediting period:	15 Jun 2022
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	28,577 tCO ₂ eq per year