

Project Idea Note for the JCM Feasibility Study

Document release date	(05/11/2014)
Title of the proposed study	Pasir Tengah Cattle Farm Biogas Utilization Project
The contact detail of the study	<p>Name of contact entity etc: PT Pasir Tengah</p> <p>Name and position of contact person: Bagus Pribadi-Director</p> <p>E-mail of contact person: baguspribadi1234@yahoo.com</p> <p>Phone number of contact person: +622632310156</p> <p>Address of contact entity etc: Desa Menteng Sari, Cikalong Kulon, Cianjur, West Java 43291 Indonesia</p> <p>Website of contact entity etc: ---</p>
Japanese participant[s] for the study and their roles in the project (including names of personnel)	<p>Name of participant: (Name and position of contact person:) (E-mail of contact person:) (Phone number of contact person:) Address of contact entity etc: Website of contact entity etc: Roles: (a) to prepare Project Application to JCM registration and to be qualified for Japanese Governmental subsidy scheme by getting information about JCM. (b) to supply fund for construction of the power plant. (c) to supply fund for SPC establishment. (d) to conduct MRV.</p> <p>Name of participant: Special Purpose Company → TBD (Name and position of contact person:) (E-mail of contact person:) (Phone number of contact person:) Address of contact entity etc: Website of contact entity etc: Roles:</p>
Indonesian participant[s] for the study and their roles in the project (including names of personnel)	<p>Name of participant: Rohmadi Ridlo (Name and position of contact person: Rohmadi Ridlo-Consultant)</p>

	<p>(E-mail of contact person: rridlo@yahoo.com) (Phone number of contact person: +628128507523) Address of contact entity etc: Komplek Kimia Farma Hankam Blok E5/4, Ciledug, Tangerang 15153, Indonesia Website of contact entity etc: --- Roles: to prepare feasibility study to prepare PDD</p> <p>Name of participant: (Name and position of contact person:) (E-mail of contact person:) (Phone number of contact person:) Address of contact entity etc: Website of contact entity etc: Roles:</p>
<p>Brief summary of the study Example: ➤ Objective of the study</p> <p>➤ Location of the study</p> <p>➤ Scale of investment including planned source of investment</p> <p>➤ Technology[ies] to be adopted for the study, and brief description of the technology[ies]</p> <p>➤ Project implementation scheme, and role of each participant</p>	<ul style="list-style-type: none"> - Treatment of organic waste from cattle manure - Capture of biogas for electricity generation; - Reduction of atmospheric emissions of the greenhouse gas (GHG); and - Use of the JCM process to offset some of the financial and technical risks associated with the investments. <p>Desa Menteng Sari, Cikalong Kulon, Cianjur, West Java 43291 Indonesia</p> <p>Total initial investment for the project will be around USD 8 million.(excluding land)</p> <p>The project is designed to adopt CSTR (completely stirred tank reactor) technology and medium-temperature anaerobic digester to treat all manure from PT Pasir Tengah Cattle Farm, and utilize the recovered biogas to generated electricity delivered to the PT Pasir Tengah and/or PLN grid. Waste residue separated from the liquid coming out of anaerobic digester is used as solid organic fertilizer, and the remaining effluent and slurry is used for grassland around the cattle farm.</p> <p>Project is applied for Joint Crediting Mechanism and financial support of Japanese Government is expected. The Project will be operated by SPC (Special Purpose Company). - Generated electricity will be sold to the PLN grid and/or PT Pasir Tengah. Role: SPC (Special Purpose Company)</p>

<p>➤ Current status and progress of the study including planned timeline</p>	<p>(a) to conduct the operation. (b) To support MRV activities.</p> <p>Roles of PT Pasir Tengah: (a) to supply the land necessary for the power plant as payments in-kind. (b) to supply cattle manure</p> <p>Roles of Japanese participants: (a) to prepare Project Application to JCM registration and to be qualified for Japanese Governmental subsidy scheme by getting information about JCM. (b) to supply fund for construction of the biogas power plant. (c) to supply fund for SPC establishment. (d) to conduct MRV.</p> <p>Submitted Project Idea Note (PIN) to JCM Indonesia</p>
<p>Rough estimation of expected GHG emission reductions (unit: tCO₂/year)</p>	<p>61,491 tCO₂/year</p>
<p>(if any) Capacity building activity for the Indonesian participant[s] (cf. information sharing among stakeholders, organizing workshops, and/or study tour to Japan)</p>	<p>---</p>