



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**

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Secretariat of the Joint Committee for the  
Joint Crediting Mechanism

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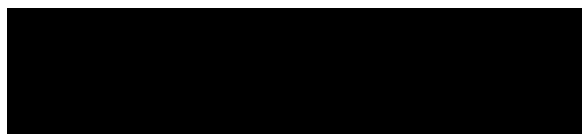
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**Subject: COMMENTS/INPUTS ON TOYOTA MOTOR CORPORATION'S  
PROJECT PROPOSAL FOR JOINT CREDITING MECHANISM (JCM) TO  
INSTALL 1 MW ROOFTOP SOLAR POWER SYSTEM IN VEHICLE  
ASSEMBLY FACTORY**

With reference to your e-mail dated 21 January 2021 requesting for inputs/comments on the draft project submitted by Toyota Motor Corporation entitled "Introduction of 1MW Rooftop Solar Power System in Vehicle Assembly Factory" (Ref. No. PH004), provided hereunder are the Bureau's inputs:

- The contents of the proposal were substantial to achieve JCM's initiative to facilitate diffusion of leading low carbon technologies, products, systems, services, and infrastructure. However, there was no specific content on the project that concerns the mandates of the Bureau, particularly in RA 8749. Only the GHGs such as CO<sub>2</sub> was specified under Item C of the submitted document form which is entitled "Calculation of emission reductions". If deemed significant to the JCM Project, may we suggest to include the other Criteria Air Pollutants monitored under the RA 8749 in the project's calculation of emission reduction.
- Likewise, may we suggest the inclusion of the impact of significance for water and soil quality in the project's different phases.
- Moreover, since bird droppings and dust deposition can affect solar energy performance by decreasing the amount of solar radiation absorbed by PV cells, what are its maintenance requirements (e.g. panel washing)? What is the frequency? And how much water is required?

We hope that the above inputs would merit your consideration.



**ENCR. WILLIAM P. CUÑADO**

Director

