



30 January 2026

To: All Applicants

CORRIGENDUM NO. 1

JTC DECARBONISATION LIVING LAB INNOVATION CALL 2026 (DECAL2.0)

Challenge Statement – Low Carbon Solutions - Maximizing renewable energy potential for industrial buildings

Please take note of the following amendments/clarifications to the above Innovation Call, which shall form part of the original Innovation Call document issued.

1. NEW DOCUMENT

(a) Presentation slides for DECAL2.0 briefing session “Decarbonisation Living Lab 2.0 Briefing_26 Jan 2026-Admin.pdf”

Please refer to below link for the documents.

<https://www.ipi-singapore.org/jtc/challenge/1089/statement-details.html>

(b) “Decarbonisation Living Lab 2.0 Briefing_26 Jan 2026-CS1.pdf”

Please refer to below link for the documents.

<https://www.ipi-singapore.org/jtc/1089/problem-statement/low-carbon-solutions-maximising-renewable-energy-potential-for-industrial-buildings.html>

2. CLARIFICATIONS

Please take note of the clarification shown in Annex A which are made in response to the queries received.

3. CLOSING DATE

This Innovation Call Closing Date remains unchanged (i.e. 9 March 2026, not later than 4.00pm).

Your faithfully,
Md Rusydi (Mr.)
Sr Contracts Manager
Contracts and Procurement (Corporate) Division

(This is an electronic document. No signature is required.)

Annex A

General Admin																			
Q1	Where can I find information about the 9 awarded projects for DECAL 1.0?																		
A1	<p>Please refer to below for the Awardees under DECAL 1.0.</p> <table border="1"> <thead> <tr> <th>Industrial Category - Challenge Statement</th><th>Awardee</th></tr> </thead> <tbody> <tr> <td>1. Improving thermal comfort and energy efficiency at Clean Tech One</td><td>1. GAIA Tech Pte Ltd 2. NRGSense Technologies Pte Ltd</td></tr> <tr> <td>2. Data-led Mixed Use Waste Handling</td><td>1. KLerra Pte Ltd</td></tr> <tr> <td>3. Real Time Monitoring and Analytic System of In-Building Water Distribution</td><td>1. DAON Solutions Pte Ltd 2. NM3 Tech (S) Pte Ltd</td></tr> <tr> <td>4. Improving Outdoor Thermal Comfort at JID</td><td>1. NRGSense Technologies Pte Ltd</td></tr> <tr> <td>5. Carbon Neutral Horticultural Processes</td><td>1. Bluefield Renewable Energy Pte Ltd</td></tr> <tr> <td>Open Category - Challenge Theme</td><td></td></tr> <tr> <td>1. Energy Efficient Buildings</td><td>1. E.SAVE.AI Pte Ltd</td></tr> <tr> <td>2. Zero Waste Industries</td><td>1. Terra Sol Pte Ltd</td></tr> </tbody> </table>	Industrial Category - Challenge Statement	Awardee	1. Improving thermal comfort and energy efficiency at Clean Tech One	1. GAIA Tech Pte Ltd 2. NRGSense Technologies Pte Ltd	2. Data-led Mixed Use Waste Handling	1. KLerra Pte Ltd	3. Real Time Monitoring and Analytic System of In-Building Water Distribution	1. DAON Solutions Pte Ltd 2. NM3 Tech (S) Pte Ltd	4. Improving Outdoor Thermal Comfort at JID	1. NRGSense Technologies Pte Ltd	5. Carbon Neutral Horticultural Processes	1. Bluefield Renewable Energy Pte Ltd	Open Category - Challenge Theme		1. Energy Efficient Buildings	1. E.SAVE.AI Pte Ltd	2. Zero Waste Industries	1. Terra Sol Pte Ltd
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Q2	What are the criteria for a company to qualify for funding?																		
A2	Please refer to Section 1.2 in Document '02_Information_DECAL2.0.pdf' for funding eligibility.																		
Q3	What is the definition of "not deployed in large scale"?																		
A3	The Innovation Call supports innovative solutions at mid-to-high TRLs for onsite trial and deployment, and not solutions that are already commercially available or deployed at large scale (i.e. off-the-shelf solutions).																		
Q4	Who owns the hardware installed after the trial?																		
A4	The purchasing company retains ownership of hardware bought for the project.																		
Q5	What items can be funded?																		
A5	Please refer to Section 1.2 in Document '02_Information_DECAL2.0.pdf' and Document '05_Project Budget_DECAL2.0.xlsx' for supportable categories.																		
Q6	How will funding be reimbursed?																		
A6	Please refer to Section 4.2 in '02_Information_DECAL2.0.pdf' for claims submission and reimbursement.																		

Q7	How can international companies participate? Do they need a local partner?
A7	International companies can partner with local SME to participate in the DECAL 2.0 innovation call.
Q8	Can MNC take part in this?
A8	Please refer to Section 1.2 in Document '02_Information_DECAL2.0.pdf' for funding eligibility. Applicant is encouraged to partner with local SME to participate in the DECAL 2.0 innovation call.

Challenge Statement 1	
Q1	What is the estimated daily electrical load profile? What are the existing infrastructure available at the roof to incorporate renewable energy solutions?
A1	More information will be provided during the site visit. The loads are different for each building.
Q2	Integrated solution scope Does JTC welcome proposals that integrate solar PV, battery energy storage, and EV charging under a single hardware-software-services solution, with a one-building pilot designed for future fleet-level aggregation across multiple sites?
A2	The objective of Challenge Statement 1 is 'Maximizing renewable energy potential' for industrial buildings. Applicants may propose an appropriate scope based on the availability of funds and project time frame to meet the intended outcome of the challenge statement.
Q3	Pilot infrastructure assumptions For test-bedding under DECAL 2.0, should solution providers assume the availability of existing solar PV and/or battery systems at pilot sites, or are proposals expected to include deployment of new solar and battery assets as part of the pilot?
A3	There is no existing solar PV nor battery systems at pilot site. Applicants may propose an appropriate scope based on the availability of funds and project time frame.
Q4	Demand-side energy participation scope What forms of demand-side energy participation are within scope for DECAL 2.0 pilots (e.g. demand response, peak shaving, load shifting), and are pilots expected to interface with existing or planned programmes?
A4	There is no existing or planned programme. Applicants may propose an appropriate scope based on the availability of funds and project time frame that meet the intended outcome of the challenge statement.

Q5	EV charging inclusion Is the inclusion of EV charging infrastructure and managed fleet charging use-cases, particularly where integrated with on-site renewables and batteries, considered in scope for DECAL 2.0 proposals?
A5	Applicants may propose an appropriate scope based on the availability of funds and project time frame that meet the intended outcome of the challenge statement.
Q6	Scalability and evaluation criteria In evaluating proposals, how does JTC balance carbon reduction impact, scalability across JTC developments, and commercial readiness of the solution?
A6	Please refer to Section 1.4 in '02_Information_DECAL2.0.pdf' for the evaluation criteria.