



## Independent Assurance Report

**Mr. Shin Ueda**  
**President**  
**Kumagai Gumi Co.,Ltd.**

We, SOCOTEC Certification Japan (hereafter "SOCOTEC"), have performed a limited assurance engagement, in response to the entrustment from Kumagai Gumi Co.,Ltd. (hereafter the "Company") in order to provide an opinion as to whether the subject matter information ("FY2023 GHG Emissions Calculation and RE100 Electricity usage Report" (period: 1 April 2023 to 31 March 2024)) of the Company meets the criteria in all material respects.

### **1 Subject Matter Information and Criteria**

The subject matter information for our assurance is a "report on GHG Emissions (Scope 1,2,3) and RE100 Electricity Usage (shown in the Appendix)" covering the operations and activities of the Company and its consolidated companies in Japan and overseas (6 domestic subsidiaries and 1 overseas subsidiary) described in "FY2023 GHG Emissions Calculation and RE100 Electricity usage Report" (period: 1 April 2023 to 31 March 2024).

The criteria for preparing subject matter information is the "GHG Emissions Calculation Rules (Ver1.2)".

### **2 Management Responsibility**

The "FY2023 GHG Emissions Calculation and RE100 Electricity usage Report" (period: 1 April 2023 to 31 March 2024) was prepared by the management of the Company, who is responsible for the integrity of the assertions, statements, and claims made therein (including the assertions over which we have been engaged to provide limited assurance), the collection, quantification and presentation of all data and information in the report, and applied criteria, analysis and publication.

The management of the Company is responsible for maintaining adequate records and internal controls that are designed to support the reporting process and ensure that the "FY2023 GHG Emissions Calculation and RE100 Electricity usage Report" (period: 1 April 2023 to 31 March 2024) is free from material misstatement whether intentional or negligent.

### **3 Assurance Practitioner's Responsibility**

The responsibility of SOCOTEC is to express a limited assurance conclusion as to whether the subject matter information has been prepared in compliance with the criteria in all material respects.

We have performed limited assurance engagement in accordance with the verification procedures stipulated by SOCOTEC and "JIS Q 14064-3:2023 (ISO14064-3:2019) Specification with guidance for the verification and validation of greenhouse gas statements".

The procedures performed in the limited assurance engagement are limited in their type, timing and scope as compared to the procedures performed in the reasonable assurance engagement. As a result, our limited assurance engagement does not provide as high assurance as reasonable assurance engagement.

Our procedures performed depend on the assurance professional practitioner's judgement, including an assessment of the risk of material misstatement, whether due to fraud or error. Our conclusion was not designed to provide assurance on internal controls.

We believe that we have obtained the evidence to provide a basis for our limited assurance conclusions.





#### 4 Assurance Procedures

The procedures that SOCOTEC has performed are based on professional judgement and include, but are not limited to:

- Evaluation of policies and procedures created by the Company in relation to subject matter information
- Inquiries to the Company personnel to understand the above policies and procedures
- Verification that the target project meets eligibility requirements
- Matching with the basis data by trial calculation and recalculation
- Obtaining and collating material for important assumptions and other data
- Sites visited to confirm the calculation structure and procedures, data collection and implementation status of record control:

Head Office / Head Office of GAEART Co., LTD. / Head Office of K&E Co., Ltd. / Head Office of TECHNOS CO., LTD.

#### 5 Statement of Our Independence, Quality Management and Competence

SOCOTEC has introduced and maintained a comprehensive management system that conforms to the accreditation requirements of "ISO 17021 Conformity assessment -- Requirements for bodies providing audit and certification of management systems". In addition, we have also established a management system according to "ISO 14065 Greenhouse gases -- Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition". These meet the requirements of International Standard on Quality Management 1 by the International Auditing and Assurance Standards Board and Code of Ethics for Professional Accountants by International Ethics Standards Board for Accountants. We maintain a comprehensive quality management system that includes ethical rules, professional standards and documented policies and procedures for compliance with applicable laws and regulations.

The SOCOTEC Group is a comprehensive third-party organisation in testing, inspection and certification operations, and provides management system certification and training services related to quality, environment, labour and information security in countries around the world. Engaged in performance data and sustainability report assurance of environmental and social information, SOCOTEC affirms that it is independent of the organisation that has ordered the assurance engagement, its affiliated companies and stakeholders, and that there is no possibility of impairing impartiality or conflict of interest.

We assure that the team engaged in the assurance is selected based on knowledge and experience in the relevant industry, as well as the competence requirements for this assurance engagement.

#### 6 Use of Report

Our responsibility in performing our limited assurance activities is to the management of the Company only in accordance with the terms for this engagement as agreed with the Company. We do not therefore assume any responsibility for any other purpose or to any other person or organisation.

#### 7 Our Conclusion

On the basis of our procedures performed and the evidence obtained, nothing has come to our attention that causes us to believe that the subject matter information is not, in all material respects, prepared and reported in accordance with the stated criteria.

SOCOTEC Certification Japan

Seigo Futaba  
Managing Director  
31 March 2025



## GHG Emissions (Scope 1,2,3) and RE100 Electricity Usage

Table1 GHG Emissions Data

Item			Figure (Non-consolidated)	Figure (Consolidated)	Unit
Scope 1			52,237	91,202	t-CO <sub>2</sub> e
Scope 2: Location-based			16,099	25,669	t-CO <sub>2</sub> e
Scope 2: Market-based			11,940	23,321	t-CO <sub>2</sub> e
Scope 3 (Breakdown)	Category 1	Purchased goods and services	514,139	694,861	t-CO <sub>2</sub> e
	Category 2	Capital goods	3,529	6,186	t-CO <sub>2</sub> e
	Category 3	Fuel and energy related activities not included in Scope 1 or 2	10,049	17,439	t-CO <sub>2</sub> e
	Category 4	Transportation and delivery (upstream)	13,583	18,358	t-CO <sub>2</sub> e
	Category 5	Waste generated in operations	1,626	2,240	t-CO <sub>2</sub> e
	Category 6	Business travel	346	578	t-CO <sub>2</sub> e
	Category 7	Employee commuting	884	1,476	t-CO <sub>2</sub> e
	Category 11	Use of sold products	1,776,935	2,002,773	t-CO <sub>2</sub> e
	Category 12	End-of-life treatment of sold products	27,577	37,226	t-CO <sub>2</sub> e
	Category 13	Leased assets (downstream)	317	398	t-CO <sub>2</sub> e
	Total		2,348,985	2,781,535	t-CO <sub>2</sub> e

Table2 RE100 electricity usage

Non-consolidated [MWh]	Consolidated [MWh]
7,580	7,580