



## Coway Co., Ltd.

### Introduction

Korea Management Registrar has been requested by Coway Co.,Ltd to verify its greenhouse gas emissions, energy usage and solar power generation amount from the year of 2020. The verification was conducted on the organization and operation boundary, and the results are as specified as below. This verification statement is valid from the day of publication.

### Scope

- Organization and operation boundary:
  - √ Greenhouse gas emissions:
    - 6 Sites and emission facilities under operational control
  - √ Energy usage:
    - 6 Sites and emission facilities under operational control
  - √ Solar power generation amount:
    - 4 Sites and emission facilities under operational control
- Verification period: 01/01/2020 ~ 12/31/2020
- Types of Greenhouse Gases: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>
- Verification scope: Scope 1 (direct emissions), Scope 2 (indirect emissions), Scope 3 (employee commuting)
- Performed verification work:
  - √ Interviewing with the manager responsible for data collection of greenhouse gas emissions
  - √ Reviewing the MRV system and process, the data gathering method for greenhouse gas emission, energy usage and solar power generation amount
  - √ Examination on raw data including information system, bills and payment statements related to verification scope
  - √ Comparative examination through on-desk review, risk analysis, observation and inspection, etc.
- Level of assurance: Reasonable Assurance

### Standard & Guidance

ISO 14064-1 Greenhouse gases -- Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (2006),  
ISO 14064-3 Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions (2006),  
WRI/WBCSD GHG Protocol (2004),  
Verification guidelines for operation of greenhouse gas and energy target management scheme (Notification No. 2016-104, Korea Ministry of Environment),

KMR GHG TM01 - GHG & energy verification manual and procedure,  
 IPCC Guidelines for National Greenhouse Gas Inventories (2006),  
 International Standard on Assurance Engagements 3000 (Revised) – ‘Assurance  
 Engagements other than Audits or Reviews of Historical Financial Information’

**Results**

**1. Greenhouse Gas Emissions**

(Unit: ton CO<sub>2</sub>-eq.)

Year	Object site	Emissions Classification			Total Emissions (Scope1+2+3)
		Direct Emissions (Scope1)	Indirect Emissions (Scope2)	Employee Commuting (Scope3)	
<b>2020</b>	<b>Total</b>	<b>601</b>	<b>5,134</b>	<b>72</b>	<b>5,807</b>
2020	Ilbo buil.	173.831	221.889	16.939	413
2020	Seoul Univ. Env-Tec. Lab.	0.254	1,659.423	-	1,660
2020	Logistics Center (Yugu)	-	264.925	-	265
2020	Yugu Fac.	403.365	2,151.464	26.823	2,582
2020	Incheon Fac.	9.069	630.093	11.561	651
2020	Pocheon Fac.	14.704	205.937	16.298	237

**2. Energy Consumption**

(unit: GJ)

Year	Object site	Scope1 (Consume Fuel)		Scope2 (Consume Electricity)	Scope3 (Commuting Bus)	Total Consumption
		Fixed Combustion	Moving Combustion			
<b>2020</b>	<b>Total</b>	<b>5,729</b>	<b>3,821</b>	<b>105,702</b>	<b>1,015</b>	<b>116,267</b>
2020	Ilbo buil.	-	2,564	4,569	240	7,373
2020	Seoul Univ. Env-Tec. Lab.	5	-	34,167	-	34,172
2020	Logistics Center (Yugu)	-	-	5,455	-	5,455
2020	Yugu Fac.	5,403	1,170	44,298	380	51,251
2020	Incheon Fac.	179	-	12,973	164	13,316
2020	Pocheon Fac.	142	87	4,240	231	4,700

**3. Solar Power Generation amount**

(unit: kWh)

Year	Object site	Total Solar Power Generation amount
<b>2020</b>	<b>Total</b>	<b>226,841</b>
2020	Pocheon Fac.	54,125
2020	Yugu Fac.	57,383
2020	Incheon Fac.	50,336
2020	Logistics Center (Yugu)	64,997

**Conclusions** KMR verified the greenhouse gas emissions, energy usage and solar power generation amount from the year of 2000 of Coway as described above. Based on the procedures performed, nothing has come to the attention of the practitioner that causes the practitioner to believe that the subject matter information is not prepared, in all material respects, in accordance with the verification purpose and the applicable criteria.

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Korea Management Registrar  
President Hwang Eun Ju



KMR is an ETS & TMS verification institution authorized by Republic of Korea Government.  
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