

Greening GGGI

In 2017, GGGI made great strides in its environmental sustainability efforts by implementing a series of initiatives and projects to strengthen and systematize green office operations. Examples include the development of GGGI Green Office Guide and Green Event Guide, the launch of awareness-raising campaigns such as Green Office Month, and the procurement of eco-friendly

office supplies. GGGI also began installing air quality assessment systems in its offices to collect data that can be used for reporting and evaluation to help improve working environment. To promote green events, tips and carbon footprint offset options for flights were made available to all participants of Global Green Growth Week (GGGWeek2017), held in Addis Ababa, Ethiopia.

Air Travel and Facility Operations

Since 2013, GGGI has made efforts to measure and manage its environmental footprint, especially its carbon emissions. Using the Greenhouse Gas Protocol

methodology, GGGI assessed its environmental footprint in 2017 by measuring carbon emissions from Air Travel and Facility Operations in offices across the organization.

2017 Carbon Emission Overview		2017	2016	2015	2014	2013	
Air Travel*	Total Carbon Emission from Air Travel (tCO ₂)	1,611	1,407	705	669	793	
	Total Number of Flights	1,620	1,254	1,544	1,595	1,409	
	Class of travel	PREMIUM	380	306	737	497	583
		ECONOMY	1,240	948	812	1,098	816
Facilities**	Total Carbon Emission from Facilities (tCO ₂)	312	221	239	189	N/A	
	Emission from Seoul HQ	208	206	168	149	N/A	
	Emission from Songdo Office	37	15	71	40	N/A	
	Emission from Country Offices	66	N/A	N/A	N/A	N/A	
Total Carbon Emission (tCO ₂)		1,923	1,628	944	858	793	
Total Number of Personnel		348	327	260	N/A	N/A	
Total Carbon Emission Per Capita (tCO ₂) - Air Travel		4.63	4.30	2.71	N/A	N/A	
Total Carbon Emission Per Capita (tCO ₂) - Facilities		0.90	0.68	0.92	N/A	N/A	
Total Carbon Emission Per Capita (tCO ₂)		5.53	4.98	3.63	N/A	N/A	

*Data combined for all offices

**Data based on utility bills for gas and electricity collected from each office; in offices where such bills are not available, estimate was calculated based on the number of building occupants.

A total of 1,923 tons of CO₂ (tCO₂) was emitted by GGGI in 2017, with Air Travel and Facility Operations emissions amounting to 1,611 and 312 tons,

respectively. As indicated in the above table GGGI began measuring carbon emissions in all its offices around the world this year.

Per Capita Carbon Emissions

When comparing results from the UNEP's Greening the Blue Report 2017, GGGI has maintained a tCO₂/per personnel emission average similar to or well below the average emitted by other United Nations organizations in 2016.

Comparison with UN Entities	Per Capita Emissions (tCO ₂ /personnel)	Share of Total Emissions (%)		
		Air Travel	Facilities	Other Travel
GGGI (2017)	5.53	85	15	-
UNFCCC (2016)	6.35	96	1	3
UNOPS (2016)	4.52	52	19	29
UNHQ (2016)	4.59	51	1	48
World Bank (2016)	13.77	66	2	32
UN System Overall (2016)	7.18	42	12	46

Paper Consumption (Seoul HQ)

Thanks in part to an increased awareness and responsible printing behaviors practiced, Seoul HQ has been experiencing a downward trend in paper consumption since 2014, showing a 12.1% decrease

in paper consumption in 2017 compared to 2016. It is also worth noting that in 2017, Seoul HQ started using recycled papers for all its printing needs.

Printing Paper Consumption (Seoul HQ)								
2017		2016		2015		2014		
Number of Sheets Used		Number of Sheets Used		Number of Sheets Used		Number of Sheets Used		
A4	A3	A4	A3	A4	A3	A4	A3	
330,000	4,500	352,500	16,500	455,000	7,500	522,500	10,500	
Total Paper Usage (# of sheets used)		339,000		385,500		470,000		543,500

Looking Ahead

GGGI will continue to make efforts to reduce its environmental impact by measuring and monitoring carbon emissions and promoting environmentally sustainable office operations. Moving forward, a greater focus will be placed on driving an organization-wide cooperation for green operations by strengthening communications and encouraging collaboration across

all offices. All GGGI offices have made pledges to undertake specific initiatives in 2018 to go green in their respective locations. Examples of their commitments include minimizing energy use, holding greener events, improving waste management systems, using less paper, implementing community outreach programs, and prioritizing green procurement.