

Greening GGGI

In 2018, GGGI continued to drive an organization-wide effort for green operations by strengthening communications and encouraging collaboration across all offices. Throughout the year, various green office initiatives, awareness campaigns, and outreach activities were undertaken by GGGI offices worldwide to promote sustainable GGGI office operations, encourage an individual green lifestyle both at work and home, and engage GGGI partners in efforts to combat global environmental challenges.

In November 2018, GGGI's Seoul Headquarters became the first office in the Republic of Korea to receive LEED

V4 Gold certification for commercial interior². Other key accomplishments in 2018 include Green Office Month, a month-long campaign that produced an online magazine, **GREENISM**, showcasing environmental sustainability efforts across GGGI offices. Many GGGI country offices made efforts to boost sustainable office measures by reducing paper and plastic consumption, implementing waste management and recycling systems, practicing green procurement and events, and increasing engagement with their partners through workshops and knowledge-sharing.

Air Travel and Facility Operations

Since 2013, GGGI has made efforts to measure and manage its ecological footprint, especially its carbon emissions. Using the Greenhouse Gas Protocol methodology, GGGI assessed its environmental footprint in 2018 by measuring carbon emissions from Air Travel and Facility Operations in offices across the organization.

2017 Carbon Emission Overview		2018	2017	2016	2015	2014	2013
Air Travel	Total Carbon Emission from Air Travel (tCO ₂)	1,493	1,611	1,407	705	669	793
	Total Number of Flights	1,794	1,620	1,254	1,544	1,595	1,409
Class of travel	PREMIUM	425	380	306	737	497	583
	ECONOMY	1,369	1,240	948	812	1,098	816
Facilities	Total Carbon Emission from Facilities (tCO ₂)	372	312	221	239	189	N/A
	Emission from Seoul HQ	249	208	206	168	149	N/A
	Emission from Songdo Office	36	37	15	71	40	N/A
	Emission from Country Offices*	88	66	N/A	N/A	N/A	N/A
Total Carbon Emission (tCO₂)		1,865	1,923	1,628	944	858	793
Total Number of Personnel		388	348	327	260	N/A	N/A
Total Carbon Emission Per Capita (tCO ₂) - Air Travel		3.85	4.63	4.30	2.71	N/A	N/A
Total Carbon Emission Per Capita (tCO ₂) - Facilities		0.96	0.90	0.68	0.92	N/A	N/A
Total Carbon Emission Per Capita (tCO ₂)		4.81	5.53	4.98	3.63	N/A	N/A

*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. Data from 19 country offices were aggregated to calculate the estimate total emission for Country Offices.

² LEED, or Leadership in Energy and Environmental Design, is the most widely used green building/office rating system in the world, which provides a framework to create healthy, highly efficient and cost-saving green spaces.

Share of Total Emissions	2018	2017	2016	2015	2014	2013
Air Travel	80%	84%	86%	75%	78%	100%
Facilities	20%	16%	14%	25%	22%	0%
Other Travel	-	-	-	-	-	-

As indicated in the above table, GGGI has been measuring carbon emissions in all its offices around the world since 2017. A total of 1,865 tons of CO₂ (tCO₂) was emitted by GGGI in 2018, with Air Travel and Facility Operations emissions amounting to 1,493 and 372 tons, respectively. Air Travel emissions decreased by 7.3% from previous year, which may be attributed to GGGI not

organizing Global Green Growth Week in 2018, which reduced the volume of air travel. On the other hand, Facilities emissions increased by 19.4%. At Seoul Headquarters, both the rise in number of employees and the increased usage of heating and cooling systems during winter and summer months may have caused the increase in Facilities emissions.

Per Capita Carbon Emissions

When comparing results to the UN Greening the Blue Report 2018, GGGI has maintained a tCO₂/per personnel emission average similar to or well below the average emitted by United Nations organizations in 2017.

Comparison with UN Entities	Per Capita Emissions (tCO ₂ /personnel)	Share of Total Emissions (%)		
		Air Travel	Facilities	Other Travel
GGGI (2018)	4.81	80	20	0
UNFCCC (2017)	4.87	94	5	1
UNOPS (2017)	4.77	39	41	20
UNHQ (2017)	4.31	66	33	1
World Bank (2017)	12.12	65	33	3
UN System Overall (2017)	7.26	42	44	13

Additional Efforts to Reduce

Since 2016, GGGI HQ has been measuring and monitoring spending of key operational expenses. The graph below shows a steady downward trend in spending per staff for all expense categories over the 3-year period from 2016 to 2018. Compared to 2016 and 2017, the year 2018 saw a significant reduction in printing partly due to increased awareness and responsible printing practices. Office Utilities and Maintenance costs remain relatively steady because these expenses are comprised of fixed services required for office operations.

Looking Ahead

GGGI is committed to making continuous efforts to reduce its ecological impact by promoting environmentally sustainable office operations and monitoring its carbon footprint. Like in previous years, each GGGI office has developed action plans for 2019 to further green their operations and make improvements in the areas of energy and water consumption, waste management, travel, green procurement and community outreach.

