

2.3.1/2.3.2

Items	2018	2019	2020	2021*	2021 GHG emission target	Description	Difference between target and outcome
Scope1-Direct GHG emission(t-CO2e)	4,940.26	6,327.10	5,558.37	6,177.80	6,239.58	TWM draws an internal carbon reduction curve and adjusts the annual performance target based on the growth of 5G electricity consumption and our RE100 plan, maintaining to reduce absolute Scope 1 & 2 emissions 30% by 2030 compared with 2019. Due to the increased demand for official vehicles and replacement of air conditioners, TWM sets the Scope 1 reduction emissions target to increase by 12.255% compared to 2020, and the actual target is 6,239.58 t-CO2e in 2021.	-0.99%
Scope2-Indirect GHG emission(t-CO2e) (Location Based)	229,672.62	229,792.43	235,146.95	269,124.54	269,062.76	TWM draws an internal carbon reduction curve and adjusts the annual performance target based on the growth of 5G electricity consumption and our RE100 plan, maintaining to reduce absolute Scope 1 & 2 emissions 30% by 2030 compared with 2019. Due to the growth of 5G electricity consumption, TWM sets the Scope 2 reduction emissions target to increase by 14.423% compared to 2020, and the actual target is 269,062.76 t-CO2e in 2021.	0.02%
Scope2-Indirect GHG emission(t-CO2e) (Market Based)	226,973.51	229,611.74	235,146.95	269,124.54	269,062.76	TWM draws an internal carbon reduction curve and adjusts the annual performance target based on the growth of 5G electricity consumption and our RE100 plan, maintaining to reduce absolute Scope 1 & 2 emissions 30% by 2030 compared with 2019. Due to the growth of 5G electricity consumption, TWM sets the Scope 2 reduction emissions target to increase by 14.423% compared to 2020, and the actual target is 269,062.76 t-CO2e in 2021.	0.02%
Total GHG emission(t-CO2e) (Location Based)	234,612.88	236,119.53	240,705.32	275,302.34			
Total GHG emission(t-CO2e) (Market Based)	231,913.77	235,938.84	240,705.32	275,302.34			

	2018	2019	2020	2021
Scope 1	2.11%	2.68%	2.31%	2.24%
Scope 2	97.89%	97.32%	97.69%	97.76%
Total	100.0%	100.0%	100.0%	100.0%

*Note:

TWM generated 7.618 million KWh renewable energy in 2021. These actions are from "Direct Supply" and "Wheeling". We follow the GHG Protocol Scope 2 Guidance to disclose the Scope 2 emission by "Location Based" and "Market Based". And the performance of GHG emission will be reviewed by "Market based".

TWM's internal carbon reduction curve

