

2.2.1/2.2.2

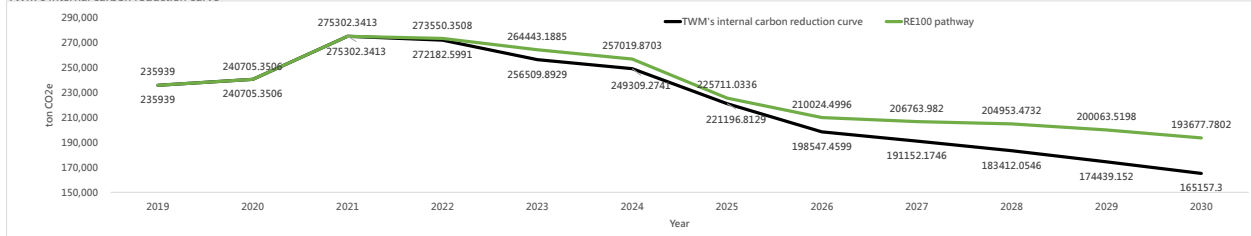
Items	2019	2020	2021	2022*	2022 GHG emission target	Description	Difference between target and outcome
Scope1-Direct GHG emission(t-CO2e)	6,327.10	5,558.37	6,177.80	5,331.63	6,107.79	TWM draws an internal carbon reduction curve and adjusts the annual performance target based on the growth of 5G electricity consumption and our RE100 plan, maintaining to reduce absolute Scope 1 & 2 emissions 30% by 2030 compared with 2019. Due to the rise in mobile data traffic and Internet Data Center users, TWM devotes to increase renewable energy procurement, and setting Scope 1 & 2 emissions reduction target to be 0.5%	-12.71%
Scope2-Indirect GHG emission(t-CO2e) (Location Based)	229,792.43	235,146.95	269,124.54	282,140.61	266,074.81	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 rise in mobile data traffic and Internet Data Center users, TWM devotes to increase renewable energy procurement, and setting Scope 1 & 2 emissions reduction target to be 0.5%	6.04%
Scope2-Indirect GHG emission(t-CO2e) (Market Based)	229,611.74	235,146.95	269,124.54	282,096.83	266,074.81	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 rise in mobile data traffic and Internet Data Center users, TWM devotes to increase renewable energy procurement, and setting Scope 1 & 2 emissions reduction target to be 0.5%	6.02%
Total GHG emission(t-CO2e) (Location Based)	236,119.53	240,705.32	275,302.34	287,472.24			
Total GHG emission(t-CO2e) (Market Based)	235,938.84	240,705.32	275,302.34	287,428.46	272,182.60		

*Note:

TWM generated 26.05 million KWh renewable energy in 2022. 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".

2022	
Scope1+2 targ	272,182.60
Scope1 target	6,107.79
Scope2 target	266,074.81

TWM's internal carbon reduction curve



	2019	2020	2021	2022
Scope 1	2.68%	2.31%	2.24%	1.85%
Scope 2	97.32%	97.69%	97.76%	98.15%
Total	100.0%	100.0%	100.0%	100.0%