2.3.1/2.3.2										
Items	2018	2019	2020	2021*	2021 GHG emission target	Description	Difference between target and outcome		2018	2019
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 56 deticitity consumption and our RE100 plan, maintaining to reduce absolute Scope 1 & 2 emissions 30% by 2303 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 6.3293.851 Co2be in 2021.		Scope 1	2.11%	2.68%
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 56 elerctirity consumption and our RE100 plan, maintaining to reduce absolute Scope 14.2 aemissions 30% by 2303 compared with 2019. Due to the growth of 56 elerctirity 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 I-CO2e in 2021.		Scope 2	97.89%	97.32%
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 56 elercitity consumption and our REIDO plan, maintaining to reduce absolute Scope 1.8.2 armissions 30% by 2030 compared with 2019. Due to the growth of 56 elercitity consumption, TWM sets the Scope 2 reduction emissions target to increase by 14.423% compared to 2020, and the actual target is 269,062.761-CO2e in 2021.	0.02%	Total		100.0%
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%

""
UVM generated 7618 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

\*Note:

290,000			275302.3413	273550.3508	264443.1885	-	-TWM's internal carbo	n reduction curve	-RE100 pathway			
270,000	235939	240705.3506	275302.3413	272182.5991		257019.8703						
8 230,000	235939	240705.3506			256509.8929	249309.2741	225711.0336	210024.4996				
§ 210,000							221196.8129	210024.4996	206763.982	204953.4732	200063.5198	193677.7802
190,000								198547.4599	191152.1746	183412.0546		
150,000										103411.0340	174439.152	165157.3
	2019	2020	2021	2022	2023	2024 Ye	2025 ear	2026	2027	2028	2029	2030