

Supply Chain Emissions (GHG Emissions based on the GHG Protocol Standard)

Category		Emissions (t - CO ₂)				
		FY2020	FY2021	FY2022		
Upstream	Scope3	1 Purchased goods and services	686,905 ¹	197,317	188,469	
		2 Capital goods	84,253	97,072	168,971	
		3 Fuel and energy-related activities not included in Scope 1 or 2	28,143	32,086	30,730	
		4 Upstream transportation and distribution	8,215	9,555	8,342	
		5 Waste generated in operations	512	887	840	
In-house	Scope1	Direct emissions	2 ² 42,163	2 ² 48,076	44,135	
	Scope2	Indirect emissions from energy sources	Location-based	137,651	163,357	153,211
			Market-based	—	122,797	105,620
	Scope3	6 Business travel	207	225	171	
		7 Employee commuting	7,011	7,691	8,169	
8 Upstream leased assets		NA	NA	NA		
Downstream	Scope3	9 Downstream transportation and distribution	NA	NA	NA	
		10 Processing of sold products	NA	NA	NA	
		11 Use of sold products	NA	NA	NA	
		12 End-of-life treatment of sold products	NA	NA	NA	
		13 Downstream leased assets	NA	NA	NA	
		14 Franchises	NA	NA	NA	
		15 Investments	NA	NA	NA	
		Scope1 + Scope2 ³	179,814	211,433	197,346	
		Scope3	815,246	344,833	405,692	

Data FY2020: Shinko Group in Japan

FY2021: Shinko Group in Japan and overseas production sites

Overseas production sites:

KOREA SHINKO MICROELECTRONICS CO., LTD. (KSM)

SHINKO ELECTRONICS (MALAYSIA) SDN. BHD. (SEM)

SHINKO ELECTRIC INDUSTRIES (WUXI) CO., LTD. (SEW)

FY2022: Shinko Group in Japan and overseas production sites

Overseas production sites:

KOREA SHINKO MICROELECTRONICS CO., LTD. (KSM)

SHINKO ELECTRONICS (MALAYSIA) SDN. BHD. (SEM)

Some items have totals that do not match due to rounding

¹ To improve calculation accuracy, weight conversion factors for procured components are revised accordingly.

Based on the results of the review, the figures for FY2021 were revised retrospectively. Due to data availability restrictions, figures for FY2020 have not been revised.

² Retrospective revision of previous years' figures to improve calculation accuracy

³ Scope 2 values were calculated based on location criteria