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YKK CORPORATION

	Companies' approach
□ Background and purpose of accounting	<ul style="list-style-type: none"> ● Understanding our CO2 emissions across the entire supply chain is important in reducing the environmental load, and it allows us to implement effective measures to take advantage of larger potential opportunities for emissions reduction. ● The social demand for disclosing environmental load information is increasing, and therefore we need to aggressively disclose environmental load information.
□ Utilization of accounting results	<ul style="list-style-type: none"> ● To become involved in reducing the environmental load by taking advantage of reduction opportunities in larger categories. ● To gain the understanding and trust of customers by clarifying our involvement with environmental matters. ● To improve the transparency of our emissions by establishing internal calculation methods and calculation mechanisms.
□ Benefits of accounting	<ul style="list-style-type: none"> ● The emissions from the entire supply chain can be clarified and then effective measures can be taken. ● The transparency of our emissions will be improved, so that we will be able to respond to demands for information disclosure by our customers.
□ Internal system for accounting	<ul style="list-style-type: none"> ● Data is collected from the Procurement, Logistics and Accounting departments, and then calculated by the Environmental department.
□ Efforts to reduce supply chain emissions	<ul style="list-style-type: none"> ● Because Category 1 emissions account for about 50 percent of our overall CO2 emissions across the entire supply chain, we are aggressively promoting a transition to raw materials with lower CO2 emissions. ● With respect to logistics, we dispatching vehicles in a more efficient way, improving loading rates and attempting a modal shift. ● We are starting "green" procurement and recycling of waste. ● With respect to fastening products, we are developing more environment-friendly products and attempting to reduce emissions when disposing of sold products.

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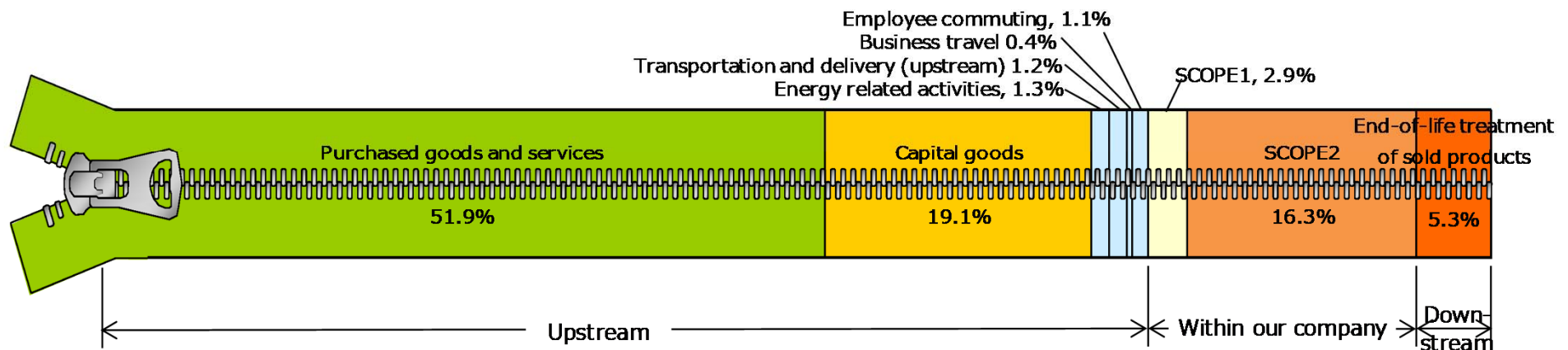
YKK CORPORATION

Companies' approach

❑ Issues in supply chain emissions accounting

- When calculated on a monetary basis, fluctuations in procurement amounts affect emissions.
- Improved accuracy for emission factor and activity data are necessary.
- Activity data and emission factor for overseas facilities must be implemented.
- More specific reduction measures should be developed and implemented.
- Emissions accounting should be conducted more efficiently.

❑ Results of calculating CO2 emissions in the supply chain



*CO2 emission calculations: Domestic emissions for YKK Corporation in FY2018

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Category	Accounting methods ※Accounting period : April 2018 - March 2019	
	Activity data	Emission factor
Category 1: Purchased goods and services	<ul style="list-style-type: none"> Weight, and monetary value, of raw materials and other materials procured 	<ul style="list-style-type: none"> Emission factor database (※2)
Category 2: Capital goods	<ul style="list-style-type: none"> Capital investment amount for capital goods 	<ul style="list-style-type: none"> Emission factor database (※2)
Category 3: Fuel and energy related activities not included in Scope 1 or 2	<ul style="list-style-type: none"> Electricity and fuel energy usage 	<ul style="list-style-type: none"> Emission factor database (※1 ※2)
Category 4: Transportation and delivery (upstream)	<ul style="list-style-type: none"> Cargo owner transport in ton-kilometers for procured goods 	<ul style="list-style-type: none"> Accounting, reporting, and public disclosure system emission coefficient Emission factor database (※1)
Category 5: Waste generated in operations	<ul style="list-style-type: none"> Volume of waste disposed of, by type 	<ul style="list-style-type: none"> Emission factor database (※2)
Category 6: Business travel	<ul style="list-style-type: none"> Transportation expenses paid, by mode of transportation 	<ul style="list-style-type: none"> Emission factor database (※2)
Category 7: Employee commuting	<ul style="list-style-type: none"> Transportation expenses paid, by mode of transportation 	<ul style="list-style-type: none"> Emission factor database (※2)
Category 8: Leased assets (upstream)	<ul style="list-style-type: none"> Not included in the scope of calculations, because emissions from operations of lease assets are included in Scope 1 and 2 	
Category 9: Transportation and delivery (downstream)	<ul style="list-style-type: none"> Transport in ton-kilometers 	<ul style="list-style-type: none"> Emission factor database (※1)
Category 10: Processing of sold products	<ul style="list-style-type: none"> Production volume 	<ul style="list-style-type: none"> Emission factor during processing
Category 11: Use of sold products	<ul style="list-style-type: none"> Not included in the scope of calculations, because there were no emissions from the use stage of sold products 	
Category 12: End-of-life treatment of sold products	<ul style="list-style-type: none"> Production volume 	<ul style="list-style-type: none"> Emission factor database (※2)
Category 13: Leased assets (downstream)	<ul style="list-style-type: none"> Not included in the scope of calculations, because it was not rented to a third party. 	
Category 14: Franchises	<ul style="list-style-type: none"> Not included in the scope of calculations, because we are not the franchiser 	
Category 15: Investments	<ul style="list-style-type: none"> Scope 1 and 2 emissions calculated by percentage of shares owned of invested companies 	
Other	<ul style="list-style-type: none"> Not included in the scope of calculations, because it is an option category 	

*1 "Carbon Footprint Communications Program Basic Database, Ver. 1.01 (Domestic Data)"

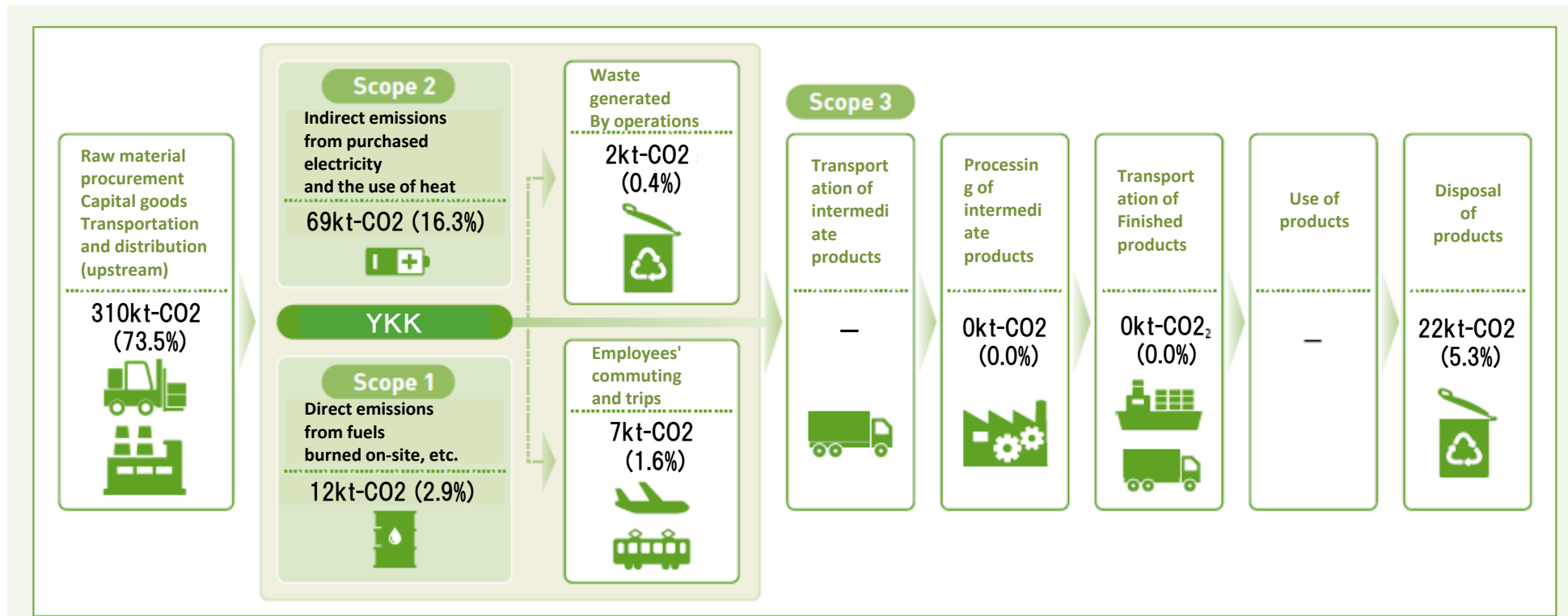
*2 "Emission Factor Database on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain, Ver. 2.3"

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YKK CORPORATION

Accounting results

- Supply chain emissions



* CO2 emission calculations: Domestic emissions for YKK Corporation in FY2018