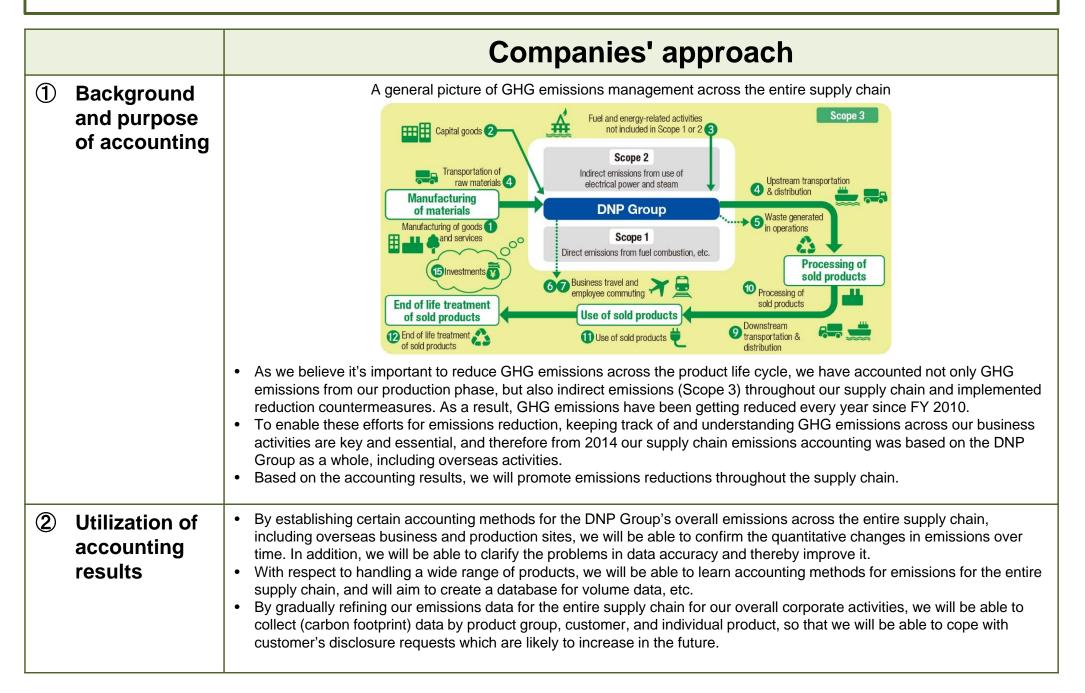
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#### Dai Nippon Printing Co., Ltd.



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		Companies' approach		
3	Benefits of accounting	<ul> <li>Through the above usage methods, we will be able to clarify reduction potential, refine accounting methods, and cope with customer requests for disclosing data.</li> </ul>		
4	Internal system for accounting	<ul> <li>Data is collected from the relevant departments and divisions across the company and the associated companies, and then calculated by the Environmental Department.</li> <li>Responsible dept. and company collecting data for each Categories         <ul> <li>Procurement : Category 1,4</li> <li>Accounting : Category 2</li> <li>Environment : Category 3,4,5</li> <li>Labor : Category 6,7</li> <li>Administration : Category 9,11,12</li> <li>the associated companies : Category 15</li> </ul> </li> </ul>		
5	Efforts to reduce supply chain emissions	<ul> <li>We are making efforts to reduce emissions by promoting "green" procurement, development and sales of environmentally friendly products, and using more efficient means of transportation as a cargo owner.</li> <li>In particular, for Category 1 emissions from the "procurement of materials," which represent more than 50% of our total GHG emissions, we will be looking to reduce these emissions as a priority target area.</li> </ul>		
6	Issues in supply chain emissions accounting	<ul> <li>Because many Dai Nippon Printing products are intermediate products, it is difficult to account for our emissions from use (Category 11) of those products we have sold downstream, so only emissions from the domestic use of PET bottle preforms (i.e. energy used to cool products made into PET bottles and sold as drinks) were accounted for.</li> <li>With respect to the processing and use of other parts, either their part of the overall weight of the finished product is small or no energy is used in processing and use, so these were not included.</li> </ul>		
7	Other	To ensure the validity and transparency of the accounting, we received third party verification.		

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### Dai Nippon Printing Co., Ltd.

Category	Accounting methods		
Category	Activity data	Emission factor	
Category 1: Purchased goods and services	Materials procurement amount (in both weight and value terms) (The priority should be weight over value)	<ul> <li>CFP Basic, and other available DB</li> <li>3EID(Use CFP before 3EID)</li> </ul>	
Category 2: Capital goods	Amount of money needed to purchase land/buildings and machinery	• 3EID	
Category 3: Fuel and energy related activities not included in Scope 1 or 2	Fuel, electricity and steam energy usage	<ul> <li>Emission factor DB*</li> <li>CFP Basic DB (for overseas)</li> </ul>	
Category 4: Transportation and delivery (upstream)	• Cargo owner shipments (ton-km) and estimated supplier shipments (ton-km) (*) (* Scenarios should be set up for load capacity, load percentage and shipment distances to estimate the ton- km based on purchased weight. For items for which purchased weight is not know, the unit price per weight for known items should be used. The weight will be estimated by the purchased amount. )	CFP Basic DB	
Category 5: Waste generated in operations	Weight of waste by type and disposal method	Emission factor DB*	
Category 6: Business travel	• Estimated travel expenses for business trips and nearby travel (*), nearby transportation expenses paid, days spent in accommodations (* Set up scenarios for typical travel routes by means of transportation, and calculate from the number of times used.)	Emission factor DB*	
Category 7: Employee commuting	Commuting expenses paid by means of transportation	Emission factor DB*	
Category 8: Leased assets (upstream)	Energy consumed for leased assets (calculated in scope 1 and scope 2)	• -	
Category 9: Transportation and delivery (downstream)	• Estimated shipment ton-km (*), sales volume and sales prices by type for five types of products, including paper printed products. (* Set up scenario for each type of accounting subject based on the CFP system PCR.)	CFP Basic DB	
Category 10: Processing of sold products	Not accounted for because the sold products were not processed or because their percentage of th	eir percentage of the final product was very small.	
Category 11: Use of sold products	Estimated electric power used domestically to refrigerate drinks in PET bottles. (* Estimated based on PCR.)	CFP Basic DB	
Category 12: End-of-life treatment of sold products	<ul> <li>Amount of waste discharged, by disposal method, for five types of products including paper printed products. (* Estimated based on PCR.)</li> </ul>	CFP Basic , and other available DBs	
Category 13: Leased assets (downstream)	Not included in the scope of calculations, because there are no relevant activities		
Category 14: Franchises			
Category 15: Investments	GHG emissions of the associated companies (Equity-method affiliate)		
Other	Not included in the scope of calculations, because it is an option category		

\* "Emission Factor Database on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain"

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