Green Value Chain Platform Accounting information 2016

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Taiho Pharmaceutical Co., Ltd.

	Companies' approach	
Background and purpose of accounting	 Taiho Pharmaceutical has its environmental policy and makes active and continuous efforts to protect the global environment and reduce environmental impact in all of its business operations, from R&D to production, distribution, marketing, and disposal. We implemented accounting for not only Scope1, Scope2, but also Scope 3 emissions in order to understand the environmental impacts across our business operations. 	
Utilization of accounting results	 To improve our accountability towards stakeholders including other operators who constitute our value chain, by visualizing and independently publicizing the value chain emissions. As a reference to make responses to questionnaires, including surveys from CDP. 	
Benefits of accounting	 By accounting and identifying the emissions in our value chain by categories, we can clarify the categories with large emissions and the components with high potentials of emissions reduction in our value chain, and implement effective reduction measures across our value chain. By encouraging other operators who constitute our value chain to disclose information, we can cooperate with the operators to advance the reduction of GHG emissions. 	
Internal system for accounting	 The relevant departments in our company collect activity data, and the Environment Management Section of the General Affairs Department is in charge of accounting. 	

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Taiho Pharmaceutical Co., Ltd.

	Companies' approach
☐ Efforts to reduce supply chain emissions	 We sequentially conduct emissions reductions from items which are easier to approach, such as reducing containers and packaging, and reducing business trips by introducing web conferences. We introduced eco-cars, and we aim to improve the fuel consumption in our leased company cars. Regarding transportation, we collaborated with our group companies to advance modal shifts and so on.
Issues in supply chain emissions accounting	 We have not completely covered the entire data. We accounted countable data and important data.
D Other	

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Taiho Pharmaceutical Co., Ltd.

Cotomony	Accounting methods		
Category	Activity data	Emission factor	
Category 1: Purchased goods and services	 Amount of materials procured 	 Volume-based and value-based emission factor *1 	
Category 2: Capital goods	 Purchased amount for capital goods 	 Value-based emission factor *1 	
Category 3: Fuel and energy related activities not included in Scope 1 or 2	 Energy consumption from use of fuel, electricity or steam 	 Emission factor per energy used *1 Emission factor per fuel type *2 	
Category 4: Transportation and delivery (upstream)	 Fuel consumption from transportation by cargo owner Transportation volume of the procured products and services 	 The reporting values of the Act on the Rational Use of Energy Transportation scenario ton-kilometer approach *1 	
Category 5: Waste generated in operations	Amount of waste discharged, by type	• Emission factor by type of waste *1	
Category 6: Business travel	 Transportation expenses paid, by mode of transportation 	 Emission factor per transportation expense that the company owes *1 Emission factor per distance travelled *1 	
Category 7: Employee commuting	 Transportation expenses paid 	 Emission factor per transportation expense that the company owes. *1 	
Category 8: Leased assets (upstream)	 Fuel consumption of leased company cars 	 Emission factor per energy used Emission factor per distance travelled *1 	

*1 Emission Factor Database on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (ver.2.2)

*2 Carbon Footprint Communication Program Basic Database ver.1.01 (domestic data)

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Taiho Pharmaceutical Co., Ltd.

Category	Accounting methods		
Category	Activity data	Emission factor	
Category 9: Transportation and delivery (downstream)	 Estimated ton-kilometers in downstream distribution 	 Transportation scenario ton-kilometer approach *1 	
Category 10: Processing of sold products	There are no relevant activities	•	
Category 11: Use of sold products	There are no relevant activities	•	
Category 12: End-of-life treatment of sold products	Containers and packaging of products	 Emission factor by type of waste *1 	
Category 13: Leased assets (downstream)	There are no relevant activities	•	
Category 14: Franchises	There are no relevant activities	•	
Category 15: Investments	 Not included in the scope of calculations, because we determined that we do no conduct investment to earn profit and we are not an enterprise that provides financial services 		
Other	Not included in the scope of calculations, because it is an option category		

*1 Emission Factor Database on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (ver.2.2)

Green Value Chain Platform Accounting information 2016 5 Taiho Pharmaceutical Co., Ltd. **Accounting results** Category 8 Category 9 Category 6 Category 4 2.0% 1.3%_ 1.1% 1.8% Other Scope 1 1.2% 4.1% Category3_ 2.7% Category 2_ 3.7% Scope 2 16.4% Category 1 65.6%