PeptiDream
Revolutionizing Drug Discovery

Environmental Data

		Scope of Report	FY2020	FY2021	FY2022*1	FY2023	FY2024	Remarks
CO_2 Emissions								
	Scope 1	PD	0t-CO_2	0t-CO_2	0t-CO_2	0.06t-CO_2	0t-CO_2	
		PDR	—	—	1,984t-CO_2	3,156t-CO_2	3,271t-CO_2	
	Scope 2	Market-based						
		PD	1,381t-CO_2	1,327t-CO_2	0t-CO_2	0t-CO_2	0t-CO_2	
		PDR	—	—	6,385t-CO_2	7,343t-CO_2	6,898t-CO2	
		Location-based						
		PD	—	—	—	1,595t-CO_2	1,690t-CO2	
		PDR	—	—	—	8,121t-CO_2	8,000t-CO2	
	Scope 3							
	Category 1	PD	—	—	—	11,316t-CO_2	65,506t-CO_2	
		PDR	—	—	—	59,567t-CO_2		
	Category 2	PD	—	—	—	4,720t-CO_2	7,408t-CO_2	
		PDR	—	—	—			
	Category 3	PD	201t-CO_2	227t-CO_2	0t-CO_2	248t-CO_2	3,589t-CO_2	
		PDR	—	—	—	1,901t-CO_2		
	Category 4	PD	—	—	—	192t-CO_2	23,006t-CO_2	
		PDR	—	—	—	18,270t-CO_2		
	Category 5	PD	—	—	—	212t-CO_2	296t-CO_2	
		PDR	—	—	—	107t-CO_2		
	Category 6	PD	—	—	—	28t-CO_2	95t-CO_2	
		PDR	—	—	—	66t-CO_2		
	Category 7	PD	35t-CO_2	41t-CO_2	46t-CO_2	48t-CO_2	227t-CO_2	
		PDR	—	—	—	172t-CO_2		
	Category 11	PD	—	—	—	—	38t-CO_2	
		PDR	—	—	—	—		
	Category 12	PD	—	—	—	—	18t-CO_2	
		PDR	—	—	—	—		
	Category 14	PD	—	—	—	—	0t-CO_2	
		PDR	—	—	—	—		
	Category 15	PD	—	—	—	—	277t-CO_2	
		PDR	—	—	—	—		
CO_2 Emissions per Employee (Scope1,2)		PD	9.21t-CO_2	7.72t-CO_2	0t-CO_2	0t-CO_2	0t-CO_2	
		PDR	—	—	20t-CO_2	21t-CO_2	22t-CO_2	
	Number of Employees	PD	150	172	196	206	217	
		PDR	—	—	414	450	464	
Energy Consumption		PD Group	2,946,014kWh	3,325,735kWh	17,747,020kWh	22,183,649kWh	22,856,540kWh	
	of which, renewable electricty purchase	PD Group	—	—	3,373,907kWh	3,642,317kWh	6,905,273kWh	*Renewable electricity represents 30% of all energy consumption
		PD	2,946,014kWh	3,325,735kWh	3,373,907kWh	3,642,317kWh	3,994,619kWh	
	of which, renewable electricty purchase	PD	—	—	3,373,907kWh	3,642,317kWh*	3,994,619kWh*	*Renewable electricity represents 100% of all energy consumption
		PDR	—	—	14,373,113kWh	18,541,332kWh	18,911,921kWh	
	of which, renewable electricty purchase	PDR	—	—	—	—	2,910,654kWh*	*Renewable electricity represents 15% of all energy consumption
Water Consumption		PD	5,312㎥	6,180㎥	5,896㎥	5,354㎥	5,516㎥	
		PDR	—	—	53,430㎥	65,743㎥	70,123㎥	
Water Emissions		PD	5,312㎥	6,180㎥	5,896㎥	5,354㎥	5,516㎥	
		PDR	—	—	18,117㎥	24,068㎥	25,927㎥	
	of which, processed in wastewater treatment facilities	PD	591.0㎥	740.3㎥	599.6㎥	523.0㎥	547.2㎥	
		PDR	—	—	—	—	—	
Pollutant Concentration*2 （annual）								
	Biochemical Oxygen Demand（BOD）	PD	29.8mg/L	34.1mg/L	27.0mg/L	27.3mg/L	26.3mg/L	
		PDR (Chiba Factory)	—	—	1.1mg/L	1.1mg/L	1.0mg/L	
		PDR (Kawasaki PET Lab)	—	—	5.8mg/L	7.8mg/L	5.5mg/L	
		PDR (Ibaraki PET Lab)	—	—	9.1mg/L	Less than5.0mg/L	Less than5.0mg/L	
	Suspended Solids（SS）	PD	25.6mg/L	27.5mg/L	16.5mg/L	18.58mg/L	13.8mg/L	
		PDR (Chiba Factory)	—	—	Less than 1mg/L	Less than 1mg/L	Less than 1mg/L	
		PDR (Kawasaki PET Lab)	—	—	Less than 10mg/L	15.3mg/L	13.4mg/L	
		PDR (Ibaraki PET Lab)	—	—	Less than 10mg/L	10.3mg/L	10.3mg/L	
Pollution Load*2 （annual）								
	Biochemical Oxygen Demand（BOD）in Water	PD	22.7kg	32.4kg	28.1kg	24.8kg	25.5kg	
		PDR (Chiba Factory)	—	—	19.0kg	24.9kg	25.0kg	
		PDR (Kawasaki PET Lab)	—	—	2.3kg	5.1kg	3.7kg	
		PDR (Ibaraki PET Lab)	—	—	4.2kg	3.9kg	3.6kg	
	Suspended Solids（SS）in Water	PD	27.1kg	29.8kg	13.6kg	11.1kg	10.9kg	
		PDR (Chiba Factory)	—	—	17.3kg	22.7kg	24.5kg	
		PDR (Kawasaki PET Lab)	—	—	4.0kg	10.0kg	10.2kg	
		PDR (Ibaraki PET Lab)	—	—	4.7kg	8.1kg	7.5kg	
Waste Emissions*2		PD	102.4 tonnes	119.4 tonnes	118.5 tonnes	122.4 tonnes	123.4 tonnes	
		PDR	—	—	139.0 tonnes	138.5 tonnes	130.1 tonnes	
	of which, operational (industrial) waste*3	PD	93.0 tonnes	109.5 tonnes	112.4 tonnes	106.8 tonnes	106.5 tonnes	
		PDR	—	—	61.1 tonnes	50.8 tonnes	51.2 tonnes	
	of which, general waste (office)	PD	9.4 tonnes	9.9 tonnes	6.1 tonnes	8.9 tonnes	9.5 tonnes	
		PDR	—	—	30.9 tonnes	47.6 tonnes	46.1 tonnes	
	Amount of recycled	PD	4.6 tonnes	6.8 tonnes	7.0 tonnes	6.7 tonnes	7.4 tonnes	
		PDR	—	—	47.0 tonnes	40.1 tonnes	32.8 tonnes	
Number of administrative penalties and litigations related to the environment		PD	0	0	0	0	0	
		PDR	—	—	0	0	0	

*1 Due to PDRadiopharma's integration in March 2022, the fiscal year ending December 2022 consists of 9 months from April 1 to December 31.

*2 Due to a change in definition in FY2023, the figures for FY2022 have been retroactively adjusted.

*3 Excludes PDRadiopharma's radioactive waste from radionuclides