



FPH FY20 Third Party Verified Environmental Data Disclosure

ENVIRONMENTAL DISCLOSURE DATA

- Carbon and Energy
- Waste
- Water

Environmental Data Disclosure:

At Fisher & Paykel Healthcare Corporation Limited, we are committed to measuring and managing our carbon foot print. Since 2013, our carbon footprint is third party audited and verified by Toitū Envirocare (formerly Enviro-Mark Solutions). During FY20, we met the requirements of Toitū carbonreduce certification having measured our greenhouse gas(GHG) emissions in accordance with ISO 14064-1:2006 and committed to managing and reducing our operational GHG emissions.

Other environmental data not covered by the Toitū assessment has been reviewed and verified by 4Sight Consulting, this includes water and waste data.

Below is a summary of FPH's third party verified environmental data by Toitū Envirocare and 4Sight Consulting for FY20.

Carbon & Energy:

Emissions Summary by Scopes		Units
Scope 1 total	2,067.08	tCO _{2e}
Scope 2 total	11,186.18	tCO _{2e}
Scope 3 total	48,727.62	tCO _{2e}
Mandatory Scope 3	47,151.66	tCO _{2e}
Additional Scope 3	1,575.96	tCO _{2e}
Total Gross Inventory	61,980.89	tCO _{2e}
Renewable Energy Certificate (Purchased Emission reduction)	2,372.4	tCO _{2e}
Total net inventory	59,608.49	tCO _{2e}
Emission intensity(gross)	51.65	tCO _{2e} /\$M

Below is third party verified electricity and fuel consumption by Toitū Envirocare;

FPH Business Unit	Electricity consumption(kWh)	Renewable generation on-site (kWh)
Australia	243,597.00	
Brazil	9,365.00	
Canada	78,411.00	
China	99,537.77	
France Benelux Italy Spain Portugal	111,777.45	
Germany Switzerland Austria Poland	995.42	
Hong Kong	15,140.00	
India	70,450.00	
Japan	189,335.00	
Korea	24,258.00	
Mexico	16,512,964.00	
New Zealand	24,282,531.30	112,190.10
Russia	8,876.00	
Sweden Denmark Norway Finland	*Covid-19 data not available (& also de minimis)	
Taiwan	71,957.00	
Turkey	26,093.97	
United Kingdom and Ireland	65,603.48	
USA	864,987.30	
Total	42,684,645.69	112,190.10

FPH Business Unit	Other Scope 1 Fuels(kWh)				
	Petrol	Diesel	LPG	Natural gas	Total(kWh)
Australia	963380.96	8620.00	-	-	972000.96
Brazil	-	83985.25			83985.25
Canada	-	-	-	38.26	38.26
China	34459124.31	-	-	-	34459124.31
France Benelux Italy Spain Portugal	51797.20	1728550.00	-	-	1780347.20
Germany Switzerland Austria Poland	-	884632.30	-	-	884632.30
Hong Kong	-	11748.00	-	-	11748.00
India	472981.60	21000.00	-	-	493981.60
Japan	494559.52	-	-	-	494559.52
Korea	146706.38	-	-	-	146706.38
Mexico	19918.63	16600.00	216170.50		252689.13
New Zealand	292.1	250000.70			250292.80
Russia	128094.69	-	-	-	128094.69
Sweden Denmark Norway Finland	129004.42	-	-	-	129004.42
Taiwan	125898.50		-		125898.50
Turkey	-	162314.40	-	83513.05	245827.45
United Kingdom and Ireland	66536.83	872591.97	-	96428.00	1035556.8
USA	-	-	-	1082	1082
	Total(kWh)				7395669.95

Waste:

We run waste minimization programs in our manufacturing sites, New Zealand and Mexico where we have multiple waste streams. We have a recycling team at both sites who separate the waste at source and we recycle all possible waste streams. We have a target of recycling 75% of our waste and during FY20 we achieved a 66% recycling efficiency in the NZ site.

During FY20 our global waste data has been third party verified by 4Sight Consulting as below.

Business Unit	Waste type (tonnes)						
	Organic	Cardboard & paper	Plastics	Glass	Aluminum	Landfill	E-waste
New Zealand	100.7	436.9	284.6	1.9	14.3	474.5	12.8
Mexico	56.9	6.4	83.1	-	0.5	189.7	-
Others¹	-	73.2	17.4	-	-	78.5	-
Total	100.7	516.5	385.1	1.9	14.8	742.7	12.8

¹ Non-manufacturing global business units which include sales offices and/or warehouses in Australia, Brazil, Canada, China, France/Benelux/Italy/Spain/Portugal, Germany/Switzerland/ Austria/Poland, Hong Kong, India, Japan, Korea, Russia, Sweden/Denmark/ Norway/ Finland, Taiwan, Turkey, United Kingdom/Ireland, USA

Water:

Efficient use of water is of importance to Fisher & Paykel Healthcare. During FY20 our global waste data has been third party verified by 4Sight Consulting as below.

FPH Business Units	Main Water consumption(m ³)	Borehole water(m3)	Harvested Rain water(m3)
Australia	300		
Brazil	95		
Canada	211		
China	60		
France Benelux Italy Spain Portugal	898		
Germany Switzerland Austria Poland	281.6		
Hong Kong	65.8		
India	526		
Japan	511.5		
Korea	143		
Mexico	37,699.5		
New Zealand	43169	2079	4563
Russia	99		
Sweden Denmark Norway Finland	95		
Taiwan	116.9		
Turkey	77.1		
United Kingdom and Ireland	423.8		
USA	14000		
Total	99,772.33	2079	4563