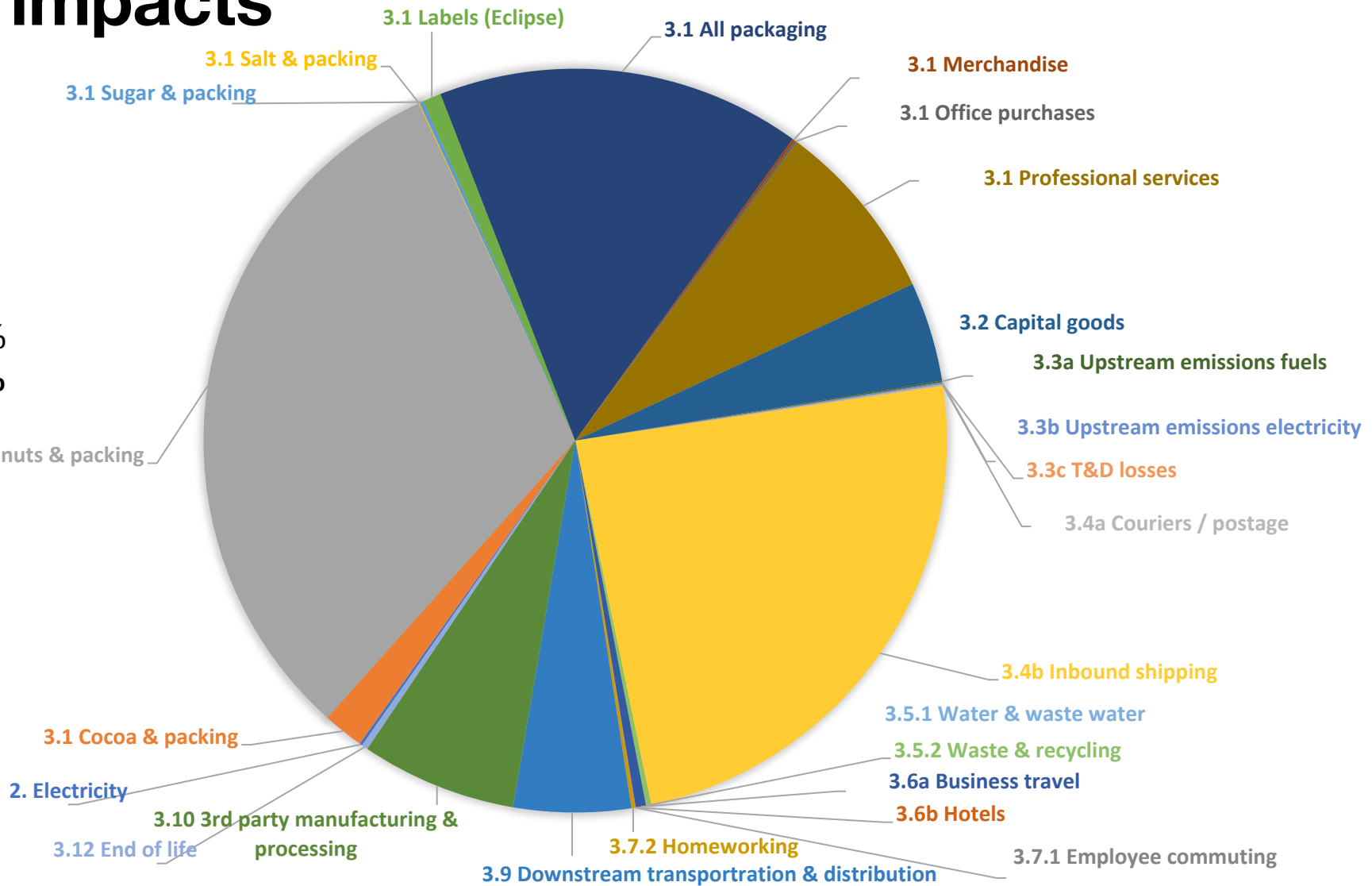


2021-2 carbon impacts by category

	Tonnes CO2e	
Scope 1	0.0	0.0%
Scope 2	1.6	0.1%
Scope 3	1,321.1	99.9%
Total	1,322.7	100.0%

	TCO2e
Market based	1,322.7
Location based	1,325.1



ManiLife 2021-2 carbon footprint

GHG assessment emission sources				Required or recommended	Included in assessment (Yes/No/N.A.)	Market tCO2e	Location tCO2e	
Category	Emission source category (aligned to the GHG Protocol Corporate Standard)							
Scope 1	Direct emissions from owned, leased or directly controlled stationary sources that use fossil fuels &/or emit fugitive emissions (e.g. refrigerant gases)			Required	Yes	-	-	
	Direct emissions from owned, leased or directly controlled mobile sources			Required	Yes	-	-	
Scope 2	Emissions from the generation of purchased electricity, heat, steam or cooling			Required	Yes	1.63	3.93	
Scope 3	1	Purchased goods and services		Recommended	Yes	770.40	770.40	
	2	Capital goods		Recommended	Yes	57.27	57.27	
	3	Fuel & energy related activities (not included in Scope 1 and 2)	3a	Upstream emissions of purchased fuels	Recommended	Yes	0.96	0.96
			3b	Upstream emissions of purchased electricity	Recommended	Yes	1.05	1.05
			3c	Transmission and distribution losses (T&D)	Required	Yes	0.25	0.25
	4	Upstream transportation and distribution	Outbound courier deliveries of packages		Recommended	Yes	0.78	0.78
			Third-party transportation and storage of inbound production related goods		Recommended	Yes	318.51	318.51
	5	Waste generated in operations	Wastewater		Recommended	Yes	0.03	0.03
			Other waste		Required	Yes	2.89	2.89
	6	Business travel	All transport by air, public transport, rented/leased vehicle, and taxi		Required	Yes	5.94	5.94
			Emissions arising from hotel accommodation associated with business travel		Recommended	Yes	0.21	0.21
			Employee transport between home and places of work		Recommended	Yes	0.28	0.28
7	Employee commuting and homeworking	Emissions arising from employee homeworking and remote work		Required	Yes	2.01	2.01	
9	Downstream transportation and distribution (a)	Third party transportation and storage of sold products (b)		Req'd (Prod. manufrs)	Yes	67.39	67.46	
10	Processing of sold products	Third party manufacturing and processing of ManiLife products		Required (For product manufacturers)	Yes	89.57	89.57	
11	Use of sold products				No			
12	End of life treatment of Sold Products				Yes	3.57	3.57	

TOTAL 1,322.72 1,325.09