

Carbon Footprint Appendices

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Environment impact category enumeration

Num	Type	Chinese category	English category
1	gwp	气候变化	climate change
2	odp	臭氧消耗	ozone depletion
3	htc	人体毒性（致癌）	human toxicity: carcinogenic
4	htnc	人体毒性（非致癌）	human toxicity: non-carcinogenic
5	pm	颗粒物	particulate matter formation
6	irp	电离辐射（人体健康）	ionising radiation: human health
7	pocp	光化学臭氧（人体健康）	photochemical ozone formation: human health
8	ap	酸化	acidification
9	ae	富营养化（陆地）	eutrophication: terrestrial
10	p	富营养化（淡水）	eutrophication: freshwater
11	n	富营养化（海洋）	eutrophication: marine
12	et	生物毒性（淡水）	ecotoxicity: freshwater
13	sqi	土地利用	land use

14	wu	水资源消耗	water use
15	mr	资源消耗（矿物和金属）	material resources: metals/minerals
16	er	资源消耗（化石）	energy resources: non- renewable
17	gwpf	气候变化（化石）	climate change: fossil
18	gwpb	气候变化（生物质）	climate change: biogenic
19	gwpl	气候变化（土地使用）	climate change: land use

Inventory&Benchmark type enumeration

Key	Chinese value	English value
1	原材料	Raw material
2	能源	Energy
3	资源	Resource
5	包装材料	Packaging material
6	其他工序产物	Product of other process
7	耗材	Consumable
8	固碳	Carbon sequestration
9	运输	Transportation
21	废气	Waste Gas
22	废水	Waste Water
23	固废	Waste Solid

Certificate status enumeration

键	中文	英文
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1	模型创建	Model Created
2	结果生成	Result Generated
3	认证待提交	Submit Pending
4	认证待核查	To Be Verified
5	认证核查中	Under Verification
6	认证核查退回	Rejected
7	认证成功	Certificated Successfully

Product category enumeration

Key	Chinese first category	English second category	English first category	English second category
76-77	农、林、渔产品	农业、园艺、市场果蔬业产品	Agriculture, forestry and fishery products	Products of agriculture, horticulture and market gardening
76-78	农、林、渔产品	活体动物、动物制品（肉类除外）	Agriculture, forestry and fishery products	Live animals and animal products (excluding meat)
76-79	农、林、渔产品	林业、伐木产品	Agriculture, forestry and fishery products	Forestry and logging products
76-80	农、林、渔产品	鱼和其他渔产品	Agriculture, forestry and fishery products	Fish and other fishing products

81-82	矿石/矿物; 电、气和水	煤、泥炭	Ores and minerals; electricity, gas and water	Coal and peat
81-83	矿石/矿物; 电、气和水	原油、天然气	Ores and minerals; electricity, gas and water	Crude petroleum and natural gas
81-84	矿石/矿物; 电、气和水	铀、钍矿石、精矿	Ores and minerals; electricity, gas and water	Uranium and thorium ores and concentrates
81-85	矿石/矿物; 电、气和水	金属矿石	Ores and minerals; electricity, gas and water	Metal ores
81-86	矿石/矿物; 电、气和水	石头、沙子、粘土	Ores and minerals; electricity, gas and water	Stone, sand and clay
81-87	矿石/矿物; 电、气和水	其他矿物	Ores and minerals; electricity, gas and water	Other minerals
81-88	矿石/矿物; 电、气和水	电、城镇燃气、蒸汽、热水	Ores and minerals; electricity, gas and water	Electricity, town gas, steam and hot water

81-89	矿石/矿物; 电、气和水	天然水	Ores and minerals; electricity, gas and water	Natural water
90-91	食品、饮料、烟草; 纺织品、服装、皮革制品	肉类、鱼类、水果、蔬菜、油脂	Food products, beverages and tobacco; textiles, apparel and leather products	Meat, fish, fruits, vegetables, oils and fats
90-92	食品、饮料、烟草; 纺织品、服装、皮革制品	乳制品、蛋制品	Food products, beverages and tobacco; textiles, apparel and leather products	Dairy products and egg products
90-93	食品、饮料、烟草; 纺织品、服装、皮革制品	谷物磨制品、淀粉和淀粉制品; 其他食品	Food products, beverages and tobacco; textiles, apparel and leather products	Grain mill products, starches and starch products; other food products
90-94	食品、饮料、烟草; 纺织品、服装、皮革制品	饮料	Food products, beverages and tobacco; textiles, apparel and leather products	Beverages

90-95	食品、饮料、烟草；纺织品、服装、皮革制品	烟草制品	Food products, beverages and tobacco; textiles, apparel and leather products	Tobacco products
90-96	食品、饮料、烟草；纺织品、服装、皮革制品	纱线；机织和簇绒织物	Food products, beverages and tobacco; textiles, apparel and leather products	Yarn and thread; woven and tufted textile fabrics
90-97	食品、饮料、烟草；纺织品、服装、皮革制品	除服装外的纺织品	Food products, beverages and tobacco; textiles, apparel and leather products	Textile articles other than apparel
90-98	食品、饮料、烟草；纺织品、服装、皮革制品	针织或钩编织物；穿着用服装	Food products, beverages and tobacco; textiles, apparel and leather products	Knitted or crocheted fabrics; wearing apparel
90-99	食品、饮料、烟草；纺织品、服装、皮革制品	皮革和皮革制品；鞋类	Food products, beverages and tobacco; textiles, apparel and leather products	Leather and leather products; footwear

100-101	其他可运输物品 (金属制品、机械和设备除外)	木材、软木、稻草、编织材料	Other transportable goods, except metal products, machinery and equipment	Products of wood, cork, straw and plaiting materials
100-102	其他可运输物品 (金属制品、机械和设备除外)	纸浆、纸和纸制品；印刷品及相关物品	Other transportable goods, except metal products, machinery and equipment	Pulp, paper and paper products; printed matter and related articles
100-103	其他可运输物品 (金属制品、机械和设备除外)	焦炉产品；精炼石油产品；核燃料	Other transportable goods, except metal products, machinery and equipment	Coke oven products; refined petroleum products; nuclear fuel
100-104	其他可运输物品 (金属制品、机械和设备除外)	基础化学品	Other transportable goods, except metal products, machinery and equipment	Basic chemicals
100-105	其他可运输物品 (金属制品、机械和设备除外)	其他化学品；人造纤维	Other transportable goods, except metal products, machinery and equipment	Other chemical products; man-made fibres

100-106	其他可运输物品 (金属制品、机械和设备除外)	橡胶、塑料制品	Other transportable goods, except metal products, machinery and equipment	Rubber and plastics products
100-107	其他可运输物品 (金属制品、机械和设备除外)	玻璃和玻璃制品、其他非金属制品	Other transportable goods, except metal products, machinery and equipment	Glass and glass products and other non-metallic products n.e.c.
100-108	其他可运输物品 (金属制品、机械和设备除外)	家具；其他可运输物品	Other transportable goods, except metal products, machinery and equipment	Furniture; other transportable goods n.e.c.
100-109	其他可运输物品 (金属制品、机械和设备除外)	废料或碎屑	Other transportable goods, except metal products, machinery and equipment	Wastes or scraps
110-111	金属制品、机械、设备	基础金属品	Metal products, machinery and equipment	Basic metals
110-112	金属制品、机械、设备	金属制品（机械和设备除外）	Metal products, machinery and equipment	Fabricated metal products, except machinery and equipment

110-113	金属制品、机械、设备	通用机械	Metal products, machinery and equipment	General-purpose machinery
110-114	金属制品、机械、设备	专用机械	Metal products, machinery and equipment	Special-purpose machinery
110-115	金属制品、机械、设备	办公、记账和计算机械	Metal products, machinery and equipment	Office, accounting and computing machinery
110-116	金属制品、机械、设备	电气机械和设备	Metal products, machinery and equipment	Electrical machinery and apparatus
110-117	金属制品、机械、设备	收音机、电视、通讯设备	Metal products, machinery and equipment	Radio, television and communication equipment and apparatus
110-118	金属制品、机械、设备	医疗器械、精密光学仪器、钟表	Metal products, machinery and equipment	Medical appliances, precision and optical instruments, watches and clocks
110-119	金属制品、机械、设备	运输设备	Metal products, machinery and equipment	Transport equipment

120-121	建筑、建筑服务	建筑	Constructions and construction services	Constructions
120-122	建筑、建筑服务	建筑服务	Constructions and construction services	Construction services
123-124	分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务	批发贸易服务	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Wholesale trade services

123-125	<p>分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务</p>	零售贸易服务	<p>Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services</p>	Retail trade services
123-126	<p>分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务</p>	住宿、餐饮服务	<p>Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services</p>	Accommodation, food and beverage services

123-127	<p>分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务</p>	<p>客运服务</p>	<p>Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services</p>	<p>Passenger transport services</p>
123-128	<p>分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务</p>	<p>货运服务</p>	<p>Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services</p>	<p>Freight transport services</p>

123-129	分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务	运输车辆租赁服务	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Rental services of transport vehicles with operators
123-130	分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务	支持运输服务	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Supporting transport services

123-131	分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务	邮政和快递服务	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Postal and courier services
123-132	分销贸易服务； 住宿、餐饮服务； 运输服务； 电力、天然气和水的输配服务	电力、燃气和水的输配（自有账户）	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Electricity, gas and water distribution (on own account)
133-134	金融及相关服务； 房地产服务； 租赁服务	金融及相关服务	Financial and related services; real estate services; and rental and leasing services	Financial and related services

133-135	金融及相关服务； 房地产服务； 租赁服务	房地产服务	Financial and related services; real estate services; and rental and leasing services	Real estate services
133-136	金融及相关服务； 房地产服务； 租赁服务	租赁服务	Financial and related services; real estate services; and rental and leasing services	Leasing or rental services without operator
137-138	业务和生产服务	数字化产品及服务（工具类软件产品、数字化内容、在线信息化服务）	Business and production services	Digital products and services
137-139	业务和生产服务	研发服务	Business and production services	Research and development services
137-140	业务和生产服务	法律和会计服务	Business and production services	Legal and accounting services

137-141	业务和生产服务	专业、技术和商业服务（研发、法律和会计服务除外）	Business and production services	Professional, technical and business services (except research, development, legal and accounting services)
137-142	业务和生产服务	电信、广播、信息供应服务	Business and production services	Telecommunications, broadcasting and information supply services
137-143	业务和生产服务	支持服务	Business and production services	Support services
137-144	业务和生产服务	为农业、狩猎、林业、渔业、采矿、公用事业提供支持和运营服务	Business and production services	Support and operation services to agriculture, hunting, forestry, fishing, mining and utilities
137-145	业务和生产服务	维护、修理和安装（建筑除外）服务	Business and production services	Maintenance, repair and installation (except construction) services

137-146	业务和生产服务	对他人的实物提供的制造服务	Business and production services	Manufacturing services on physical inputs owned by others
137-147	业务和生产服务	其他制造服务；出版、印刷和复印服务；材料回收服务	Business and production services	Other manufacturing services; publishing, printing and reproduction services; materials recovery services
148-149	社区、社会和个人服务	向整个社区提供的公共行政和其他服务；强制性社会保障服务	Community, social and personal services	Public administration and other services provided to the community as a whole; compulsory social security services
148-150	社区、社会和个人服务	教育服务	Community, social and personal services	Education services

148-151	社区、社会和个人服务	人类健康与社会关爱服务	Community, social and personal services	Human health and social care services
148-152	社区、社会和个人服务	污水和废物的收集、处理、处置和其他环保服务	Community, social and personal services	Sewage and waste collection, treatment and disposal and other environmental protection services
148-153	社区、社会和个人服务	会员组织的服务	Community, social and personal services	Services of membership organizations
148-154	社区、社会和个人服务	娱乐、文化、体育服务	Community, social and personal services	Recreational, cultural and sporting services
148-155	社区、社会和个人服务	其他服务	Community, social and personal services	Other services
148-156	社区、社会和个人服务	家政服务	Community, social and personal services	Domestic services

148-157	社区、社会和个人服务	域外组织和机构提供的服务	Community, social and personal services	Services provided by extraterritorial organizations and bodies
158-159	电池	电芯	Battery	Cell
158-160	电池	模组	Battery	Module
158-161	电池	电池包	Battery	Pack
158-162	电池	储能系统	Battery	Energy storage system
158-163	电池	其他	Battery	Others

Unit enumeration

Key	English meaning	Chinese meaning
1-13	Piece(s)	Piece(s)
1-14	Item(s)	Item(s)
1-4	kg	千克/(kg)
1-5	t	吨/(t)
1-15	MJ	兆焦耳/(MJ)
1-25	kWh	千瓦时/(kWh)
1-12	m ³	立方米/(m ³)
1-146	个	个
1-147	件	件
1-148	只	只
1-253	Mpa	兆帕/(Mpa)
1-252	°C	度/(°C)

2-146	个	个
2-147	件	件
2-148	只	只
2-149	套	套
2-150	箱	箱
2-151	盒	盒
2-152	袋	袋
2-153	瓶	瓶
2-154	双	双
2-155	罐	罐
2-156	桶	桶
2-157	块	块
2-158	条	条
2-131	Dozen(s)	打/(Dozen(s))
2-13	Piece(s)	Piece(s)
2-14	Item(s)	Item(s)
2-132	unit	unit
3-16	lb av	磅/(lb av)
3-17	Mg	兆克/(Mg)
3-18	oz av	常衡盎司/(oz av)
3-19	oz t	金衡盎司/(oz t)
3-20	sh tn	短吨/(sh tn)
3-21	long tn	长吨/(long tn)
3-22	ug	微克/(ug)
3-23	ng	纳克/(ng)

3-24	pg	皮克/(pg)
3-3	g	克/(g)
3-4	kg	千克/(kg)
3-5	t	吨/(t)
3-2	mg	毫克/(mg)
4-15	MJ	兆焦耳/(MJ)
4-25	kWh	千瓦时/(kWh)
4-26	TOE	吨标准油/(TOE)
4-27	J	焦耳/(J)
4-181	KJ	千焦耳/(KJ)
4-28	kcal	千卡/(kcal)
4-29	btu	英国热量/(btu)
4-30	MWh	兆瓦时/(MWh)
4-31	TCE	吨标准煤/(TCE)
4-32	GJ	吉焦/(GJ)
5-8	mm	毫米/(mm)
5-9	cm	厘米/(cm)
5-10	m	米/(m)
5-33	km	千米/(km)
5-34	ft	英尺/(ft)
5-35	mi	英里/(mi)
5-36	in	英寸/(in)
5-37	u	毫英寸/(u)
5-38	nmi	海里/(nmi)
5-39	yd	码/(yd)

6-12	m ³	立方米/(m ³)
6-7	l	升/(l)
6-40	gal(US dry)	加仑/(gal(US dry))
6-41	gal(US liq)	加仑/(gal(US liq))
6-42	cu ft	立方英尺·/(cu ft)
6-43	fl oz(Imp)	液盎司/(fl oz(Imp))
6-44	US fl oz	美式液盎司/(US fl oz)
6-45	pt(Imp)	pt(Imp)/(pt(Imp))
6-46	bsh(US)	bsh(US)/(bsh(US))
6-47	bsh(Imp)	bsh(Imp)/(bsh(Imp))
6-48	ul	微升/(ul)
6-6	ml	毫升/(ml)
6-49	bbbl	桶/(bbbl)
6-50	bl(US beer)	bl(US beer)/(bl(US beer))
6-51	bl(US fl)	bl(US fl)/(bl(US fl))
6-52	bl(Imp)	bl(Imp)/(bl(Imp))
6-53	bl(US dry)	bl(US dry)/(bl(US dry))
6-133	pt (US fl)	美式品脱/(pt (US fl))
6-134	pt (US dry)	美式品脱/(pt (US dry))
6-135	gal (US fl)	加仑/(gal (US fl))
6-136	gal (Imp)	加仑/(gal (Imp))
6-138	Nm ³	立方米/(Nm ³)
6-142	*10000 m ³	万立方米/(*10000 m ³)
7-11	m ²	平方米/(m ²)
7-54	km ²	平方千米*年/(km ²)

7-55	ha	公顷/(ha)
7-56	ft ²	平方英尺/(ft ²)
7-57	mi ²	平方英里/(mi ²)
7-58	ac	英亩/(ac)
7-59	yd ²	平方码/(yd ²)
7-60	cm ²	平方厘米/(cm ²)
7-61	nmi ²	平方海里/(nmi ²)
7-137	are	百平方米/(are)
8-62	t*km	吨*千米/(t*km)
8-63	kg*km	千克*千米/(kg*km)
8-64	lb*mi	磅*英里/(lb*mi)
8-65	t*mi	吨*英里/(t*mi)
8-66	t*nmi	吨*海里/(t*nmi)
8-67	lb*nmi	磅*海里/(lb*nmi)
8-68	metric ton*km	公吨*千米/(metric ton*km)
9-69	mol	摩尔/(mol)
10-71	Bq	贝克勒尔/(Bq)
10-72	Ci	居里/(Ci)
10-73	Rutherford	居里/(Rutherford)
10-70	kBq	千贝克勒尔/(kBq)
11-74	d	天/(d)
11-75	h	小时/(h)
11-76	s	秒/(s)
11-77	a	年/(a)
11-78	min	分/(min)

12-81	Items*nmi	件*海里/(Items*nmi)
12-79	Items*km	件*千米/(Items*km)
12-80	Items*mi	件*英里/(Items*mi)
13-82	m ³ *km	立方米*千米/(m ³ *km)
13-83	m ³ *mi	立方米*英里/(m ³ *mi)
13-84	l*km	升*公里/(l*km)
13-85	m ³ *nmi	立方米*海里/(m ³ *nmi)
13-86	l*mi	升*英里/(l*mi)
13-87	l*nmi	升*海里/(l*nmi)
14-88	Items*a	件*年/(Items*a)
15-91	kg*d	千克*天/(kg*d)
15-92	t*d	吨*天/(t*d)
15-89	kg*a	千克*年/(kg*a)
15-90	t*a	吨*年/(t*a)
16-93	m ³ *a	立方米*年/(m ³ *a)
16-94	l*a	升*年/(l*a)
17-95	m ² *a	平方米*年/(m ² *a)
17-96	km ² *a	平方千米*年/(km ² *a)
17-97	ha*a	公顷*年/(ha*a)
17-98	ft ² *a	平方英尺*年/(ft ² *a)
17-99	mi ² *a	平方英里*年/(mi ² *a)
17-100	m ² *d	平方米*天/(m ² *d)
18-101	m*a	米*年/(m*a)
18-102	km*a	千米*年/(km*a)
18-103	m*year	米*年/(m*year)

19-144	CNY	人民币 (元) /(CNY)
19-104	EUR	欧元/(EUR)
19-105	USD	美元/(USD)
19-106	JPY	日元/(JPY)
19-107	AUD	澳元/(AUD)
19-108	CAD	加拿大元/(CAD)
19-109	DKK	丹麦克朗/(DKK)
19-110	CZK	捷克克朗/(CZK)
19-111	CHF	瑞士法郎/(CHF)
19-112	EEK	爱沙尼亚克朗/(EEK)
19-113	GBP	英镑/(GBP)
19-114	HUF	匈牙利福林/(HUF)
19-115	ISK	冰岛克朗/(ISK)
19-116	KRW	韩元/(KRW)
19-117	LTL	立陶宛立特/(LTL)
19-118	LVL	拉脱维亚拉特/(LVL)
19-119	NOK	挪威克朗/(NOK)
19-120	SEK	瑞典克朗/(SEK)
19-121	ZAR	南非兰特/(ZAR)
19-145	CNY (10k)	人民币 (万元) /(CNY (10k))
20-122	Cases	案例/(Cases)
20-191	Room per night	Room per night/(Room per night)
21-123	Seconds worked	工秒/(Seconds worked)
21-124	Hours worked	工时/(Hours worked)

21-125	Hours worked(60min/h)	工时/(Hours worked(60min/h))
21-126	Minutes worked	Minutes worked/(Minutes worked)
21-127	Person days(8h/d)	人天/(Person days(8h/d))
21-128	Person years(220d/a)	人年/(Person years(220d/a))
22-129	kg/a	千克/年/(kg/a)
23-130	Person*km	人*千米/(Person*km)
23-143	Vehicle*km	辆*千米/(Vehicle*km)
24-139	MB	兆字节/(MB)
24-140	GB	吉字节/(GB)
24-141	TB	太字节/(TB)
25-159	kgCO ₂ e	kgCO ₂ e
25-160	gCO ₂ e	gCO ₂ e
26-161	J/kg	焦耳/千克/(J/kg)
26-162	KJ/kg	千焦/千克/(KJ/kg)
26-163	MJ/kg	兆焦/千克/(MJ/kg)
26-164	GJ/kg	吉焦/千克/(GJ/kg)
26-165	TJ/kg	太焦/千克/(TJ/kg)
26-166	J/t	焦耳/吨/(J/t)
26-167	KJ/t	千焦/吨/(KJ/t)
26-168	MJ/t	兆焦/吨/(MJ/t)
26-169	GJ/t	吉焦/吨/(GJ/t)
26-170	TJ/t	太焦/吨/(TJ/t)
26-171	J/Nm ³	焦耳/立方米/(J/Nm ³)

26-172	KJ/Nm ³	千焦/立方米/(KJ/Nm ³)
26-173	MJ/Nm ³	兆焦/立方米/(MJ/Nm ³)
26-174	GJ/Nm ³	吉焦/立方米/(GJ/Nm ³)
26-175	TJ/Nm ³	太焦/立方米/(TJ/Nm ³)
26-176	J/10000Nm ³	焦耳/万立方米/(J/10000Nm ³)
26-177	KJ/10000Nm ³	千焦/万立方米/(KJ/10000Nm ³)
26-178	MJ/10000Nm ³	兆焦/万立方米/(MJ/10000Nm ³)
26-179	GJ/10000Nm ³	吉焦/万立方米/(GJ/10000Nm ³)
26-180	TJ/10000Nm ³	太焦/万立方米/(TJ/10000Nm ³)
27-182	mg/ml	毫克/毫升/(mg/ml)
27-183	mg/l	毫克/升/(mg/l)
27-184	mg/m ³	毫克/立方米/(mg/m ³)
27-185	g/ml	克/毫升/(g/ml)
27-186	g/l	克/升/(g/l)
27-187	g/m ³	克/立方米/(g/m ³)
27-188	kg/ml	千克/毫升/(kg/ml)
27-189	kg/l	千克/升/(kg/l)
27-190	kg/m ³	千克/立方米/(kg/m ³)
50-250	%	百分比/(%)
50-251	tC/t	吨碳/吨/(tC/t)