



Summary of Carbon Footprint for Listed Companies

上市公司碳足跡摘要

Part 1 Reporting Entity Information

第一部分 報告機構資料

1.1 Company information 公司資料

Name of reporting entity: 報告機構名稱:	Eng:Geely Automobile Holdings Limited 中文:吉利汽車控股有限公司	Stock code: 股份代號:	00175
--------------------------------------	--	----------------------	-------

Hang Seng Industry Classification 恆生行業分類(HSIC):

(i) Industry: 行業:	Consumer Goods 消費品製造業 - 20
(ii) Sector: 業務類別:	Automobiles 汽車 - 201

1.2 Basis of information reported in this form (e.g. weblink(s) to the carbon audit report, GHG accounting report, Environmental, Social and Governance report (ESG report) or sustainability report (GHG emission-related chapter) of the reporting entity, etc)

報告內容的基礎 (例如: 報告機構的碳審計報告、溫室氣體排放核算報告、「環境、社會及管治報告」或可持續發展報告(與溫室氣體排放有關的章節)之網絡連結等):

2018社會責任報告 http://geelyauto.com.hk/core/files/corporate_governance/en/20180617.pdf 2017社會責任報告 Link:
http://www.geelyauto.com.hk/core/files/corporate_governance/tc/2017%20CORPORATE%20SOCIAL%20RESPONSIBILITY%20REPORT_C.pdf 2016社會責任報告 Link:
http://geelyauto.com.hk/core/files/corporate_governance/tc/LTN20170526044_C.pdf

Attachment 附件

Additional files upload if any (not more than 3 files, not exceeding 2Mb per file) 上載附件檔案(如有)(不多於3個檔案及每個檔案少於2MB)

File Description 文件描述:

File 文件:

File Description 文件描述:

File 文件:

File Description 文件描述:

File 文件:

Part 2 Greenhouse Gas (GHG) Emissions

第二部分 溫室氣體排放

2.1 GHG Emission Data 溫室氣體排放數據

Reporting period: 報告期:	2018-01-01 To (至) 2018-12-31	
GHG Accounting Standard / Guideline: 溫室氣體核算標準 / 指引:	<input type="checkbox"/> EPD/ EMSD Guidelines 環境保護署/ 機電工程署指引 <input type="checkbox"/> GHG Protocol 溫室氣體議定書 <input checked="" type="checkbox"/> International Organization for Standardization (ISO) 14064 國際標準化組織 (ISO) 14064 <input type="checkbox"/> Others, please specify: (其他, 請說明): _____	
Operational boundary Note 1 營運邊界 備註 1	Brief descriptions on emission sources 排放來源簡述	Emission data 排放數據
Scope 1 範圍 1:	寧波、杭州灣、春曉、濟南、成都、湘潭、晉中、寶雞、路橋、臨海、張家口等11個公司的焚燒爐、鍋爐等耗能設備及測試汽車產生的直接排放量	138,921.43 tonnes CO ₂ -e (公噸二氧化碳當量)
Scope 2 範圍 2:	寧波、杭州灣、春曉、濟南、成都、湘潭、晉中、寶雞、路橋、臨海、張家口等11個公司的外購電力、蒸汽產生的間接排放量	425,621.87 tonnes CO ₂ -e (公噸二氧化碳當量)
Scope 3 範圍 3:		tonnes CO ₂ -e (公噸二氧化碳當量)
Reported GHG emissions in total: 所報告的溫室氣體排放總和:	564,543.3 tonnes CO ₂ -e (公噸二氧化碳當量)	

2.2 Company related information 與公司有關的資料

Total number of full-time-equivalent employees of the entity(s) covered in the reported GHG emission data during the reporting period: 報告期內溫室氣體排放數據所涵蓋機構的相等於全職僱員總人數:	52,275
Total gross floor area owned/controlled by the entity(s) covered in the reported GHG emission data during the reporting period (m ²): 報告期內溫室氣體排放數據所涵蓋機構擁有/控制的總樓面面積(平方米):	
Total revenue of the entity(s) covered in the reported GHG emission data during the reporting period (HK\$ million): 報告期內溫室氣體排放數據所涵蓋機構的總收入(百萬港元):	RMB 106,595 million

Other information which is relevant to the entity's business operations covered in the reported GHG emissions during the reporting period, please specify (e.g., total no. of passengers, total no. of customers, total unit of goods produced, total no. of hotel rooms occupied, total kWh electricity generated, or total measures of freight load, etc.):
 報告期內溫室氣體排放數據所涵蓋機構的其他有關營運資料,請說明(例如:乘客總人數、顧客總人數、製成產品總數量、酒店入住房間總數、總發電量(千瓦/小時)或貨運總量等):

2.3. Geographical coverage of reported GHG emission data 所報告的溫室氣體排放數據地域範圍:

Operations within Hong Kong 香港以內的營運

Operations outside Hong Kong (Please specify city(ies)/country(ies)) 香港以外的營運 (請說明城市/國家名稱): 寧波、杭州灣、春曉、濟南

Please also specify the percentage of GHG emissions arising from Hong Kong operations 請同時說明由香港營運所產生的溫室氣體百分比: 0 %

Subsidiaries 附屬公司 Please list out the subsidiaries covered in the GHG emission data during the reporting period:
 請列出報告期內溫室氣體排放數據所涵蓋的附屬公司:

Additional information on physical boundary in relation to GHG emission reported (if applicable):
 與所報告的溫室氣體排放數據相關之建築物邊界的附加資料(如適用):

**Part 3 GHG Emission Reduction Measures, Future Initiatives and Targets
 第三部分 減少溫室氣體排放的措施、未來計劃及目標**

**3.1 GHG emission reduction measures implemented during the Reporting Period
 在報告期內減少溫室氣體排放的措施**

No. 列序	GHG Emission Reduction Measures 減少溫室氣體排放的措施
1	<p>As early as 2015, Geely launched Cao Cao, an Internet+ travel platform, and adhered to the operating model of "new energy vehicle + enterprise owned and operated taxis + certified driver". By 2018, Cao Cao is available in 30 cities of China, with a total of 31,000 new energy vehicles, reduced a total of 170,000 tonnes of carbon emissions, equivalent to carbon reduction of planting 24,000 mu forest.</p> <p>早在2015年,吉利就推出了曹操專車這一互聯網+出行平臺,並堅持“新能源汽車+公車公營+認證司機”的運營模式。截至2018年,曹操出行已在全國30座城市上線,累計投入3.1萬輛新能源汽車,累計產生碳減排量17萬噸,相當於種植2.4萬畝森林。</p>
2	<p>To promote energy saving and consumption reduction using some small measures, such as using energy-saving products, upgrading the fluorescent lamp to LED light, recycling and reusing the heat of the workshop. Geely strictly control the temperature of air conditioning, advocate double-sided printing of documents and paperless office, so as to achieve low-carbon office atmosphere. Because of these small habits, the per capita electricity consumption of Geely Headquarter's office area decreased by 17.42% in 2018 compared with the same period last year. Even in the peak of electricity consumption in August, the per capita electricity consumption decreased by 28.21% compared with the same period in 2017</p> <p>從細節著手推動節能降耗,如使用國家推薦的節能產品,更換為LED節能燈,回收利用車間內風量熱量等。通過嚴格控制空調開啟溫度,提倡雙面列印和無紙化辦公等措施營造低碳辦公氛圍。依靠這些小習慣,單吉利總部辦公區2018年人均用電量同比減少17.42%。即使8月用電高峰,人均用電量也較2017年同期減少28.21%。</p>
3	<p>Combined with Geely's solar photovoltaic power generation plan, we designed the technical scheme of storage system of new energy power battery in Yuyao and other plants, and reserved space for photovoltaic equipment and energy storage supporting facilities. In 2018, photovoltaic power generation projects in Jinzhong Base and other bases were gradually connected to the national grid, and Geely's Solar PV capacity reached 100MW, with annual power generation of more than 100 million kWh. The photovoltaic power generation project can provide more than 15% of the electricity for a single base. Geely continuously promote the centralised management and control of the vehicle, reduce the no-load rate and increase the loading volume. In the selection of transport vehicles, all the diesel forklift trucks in the factory are replaced by electrical ones. In addition, we choose recyclable and environmentally friendly packaging materials to realize de-papering. At present, we are planning the recycling of packaging materials in the whole supply chain.</p> <p>結合吉利太陽能光伏發電規劃,設計余姚等工廠新能源動力蓄電池儲能系統技術方案,並預留光伏設備及儲能配套設施的位置。2018年,隨著晉中基地等光伏發電專案的陸續並網,吉利光伏裝機已達到100MW,年發電量超過1億千瓦時,單個基地光伏供電約15%。此外,吉利持續推進整車及零備件物流的集中管控工作,減少空載率,增載入重量。在運輸車輛的選擇方面,工廠內燃油鏟車全部實現電動化替換。在包裝材料的選擇方面,吉利選用可迴圈環保包裝材料,實施去紙化,目前已著手規劃整個供應鏈範圍內包裝材料的回收利用工作。</p>

**3.2 GHG emission reduction measures for future initiatives and targets
 為未來計劃及目標而制訂的減少溫室氣體排放措施**

No. 列序	Future Initiatives 未來計劃	Target GHG Reduction (Qualitative/ Quantitative) 減排目標 (性質/數量)
--------	-------------------------	---

1	<p>Energy conservation plan for next five years of Geely Group 未來三年節能規劃</p>	<p>2018: FE pure electric platform range 400km, Power consumption per 100km 13kWh. GHS petrol-electric hybrid system Save 45% petroleum. FE純電動平臺續航400km, 百公里電耗13KWh; CHS油電混合系統節油45%。</p> <p>2019: PE pure electric platform range 300km, Power consumption per 100km 9kWh. 1.5TD+7DCTH plug-in hybrid system Comprehensive fuel consumption per 100km 1.8L. PE純電動平臺續航300km, 百公里電耗9KWh; 1.5TD+7DCTH插電混合動力系統百公里綜合油耗1.8L。</p> <p>2020: FE pure electric platform save at least 4.2 million tons of petroleum and reduce 3 million tons of carbon dioxide emission each year, range 400km, power consumption per 100km 11kWh. PE pure electric platform range 400km, power consumption per 100km 8kWh. GHS petrol-electric hybrid system save 50% petroleum. 1.5TD+7DCTH plug-in hybrid system comprehensive fuel consumption per 100km 1.5L. FE純電動平臺每年至少節省石油420萬噸, 減少CO2排放300萬噸, 續航400km, 百公里電耗11KWh; PE純電動平臺續航400km, 百公里電耗8KWh; CHS油電混合系統節油50%; 1.5TD+7DCTH插電混合動力系統百公里綜合油耗1.5L。</p>
2	<p>iNTEC Technology Brand iNTEC技術品牌</p>	<p>A new generation plug-in hybrid system that consumes 1.5L of fuel per 100 kilometres. 新一代插電式混合動力系統, 百公里油耗1.5L。</p> <p>Planning Geely cars' average weight reduction of 3%, 8% and 15% in 2017, 2020 and 2025 separately. 規劃2017、2020 和2025 年, 吉利汽車平均減重3%、8% 和15%。</p>
3	<p>“Intelligent Power” new energy powertrain system “智擎”新能源動力系統</p>	<p>More than 30 new energy vehicles and energy-saving models will be launched within 3 years. 3年內推出30多款新能源汽車和節能車型。</p> <p>By 2020, the fuel saving rate of Intelligent Power MHEV technology will be up to 25%. Intelligent Power PHEV will achieve fuel saving efficiency rate of 50% in the future. 規劃智擎MHEV輕混技術2020年實現節油率25%。智擎PHEV插電混動技術未來將實現50%的節油率。</p> <p>Expect to launch mass-produced vehicles using hydrogen fuel cells in 2025. 預計將於2025年推出採用氫燃料電池的量产車型。</p>

Part 4 Verification information 第四部分 核證	
Has verification note 2 been conducted? 是否曾經進行核證? 備註 2	<input checked="" type="radio"/> Yes – please fill in the blanks below (是 – 請填寫以下空格) <input type="radio"/> No (否)
Verification body 核證機構:	中國品質中心
	<input checked="" type="checkbox"/> Others, please specify: (其他, 請說明): ISO 14064-1:2006
Date of verification: 核證日期:	2012-02-27
Remarks (e.g. various verification status for different subsidiaries): 備註(例如: 各附屬公司的核證情況):	