



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: AIA Group Limited 中文: 友邦保險控股有限公司
Stock code: 股份代號:	1299
Hang Seng Industry Classification 恆生行業分類 (HSIC) (Please see Appendix / 請參考 附件):	
(i) Industry: (e.g. Financials – 50) 行業: (例如: 金融業 – 50)	50
(ii) Sector: (e.g. Banks – 501) 業務類別: (例如: 銀行 – 501)	502
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):	
Basis for information reported in this form: AIA ESG Report 2017. Please refer to the ESG Report available at: http://www.aia.com/content/dam/group/en/esg/esg-report-2017-eng.pdf	

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 (yyyy/m/d): 報告期(年/月/日):	2016/12/01 to/至 2017/11/30	
GHG Accounting Standard / Guideline: 溫室氣體核算標準 / 指引:	<input checked="" type="checkbox"/> EPD/ EMSD Guidelines 環境保護署/ 機電工程署指引 <input checked="" type="checkbox"/> GHG Protocol 溫室氣體議定書 <input type="checkbox"/> International Organization for Standardization (ISO) 14064 國際標準化組織 (ISO) 14064 <input checked="" type="checkbox"/> Others, please specify: (其他, 請說明:) We calculate emissions according to the guidelines provided by the Environmental Protection Department of the Hong Kong SAR Government. We identify emission factors on electricity consumption for each operating region via the Green House Gas Protocol database, and calculate relevant resource consumption data based on standards outlined by the Carbon Disclosure Project. As for air business travel, we calculate relevant data using the Carbon Neutral Calculator for Short – Medium haul flights (United Kingdom, DEFRA emission factors).	
Operational boundary 營運邊界 ¹ :	Brief description on emission sources 排放來源簡述	Emission data 排放數據
Scope 1 範圍 1:	Combustion of towngas/LPG used in kitchens, fuel used by private vehicle fleet and/or any private air travel	4,935 tonnes CO ₂ -e 公噸二氧化碳當量
Scope 2 範圍 2:	Combustion of fuel for purchased electricity and towngas	45,519 tonnes CO ₂ -e 公噸二氧化碳當量
Scope 3 範圍 3:	Commercial air travel	7,388 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:	57,842 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:	19,916	
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):	HK\$299,364	
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)): China, Thailand, Singapore, Korea, Malaysia, Taiwan, Australia, New Zealand, Sri Lanka, The Philippines, Vietnam, Indonesia, Cambodia, Brunei, and Macau
香港以外的營運 (請說明城市/國家名稱):

Please also specify the percentage of GHG emissions arising from Hong Kong operations: 20.3%
請同時說明由香港營運所產生的溫室氣體百分比:

- 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):

The AIA Group reports on operations where it maintains majority operational control.

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>The electricity that we use in our buildings is the single largest contributor to our greenhouse gas footprint. At AIA we incorporate green standards as a part of the design concept for all our real estate development projects, ensuring environmental principles are 'built in'.</p> <p>A number of our buildings spanning across Hong Kong, Thailand, Singapore, China, Indonesia and the Philippines have been awarded various green building awards. This has helped to increase our energy efficiency and reduce emissions. We also continue to retrofit existing buildings with energy-efficient features such as LED lighting where feasible and encourage our employees to conserve energy by moderating office temperatures and turning off lighting and computer monitors when not in use.</p> <p>Given our presence across Asia, business travel is essential, but where appropriate we utilise videoconferencing technology to reduce the need for travel and promote prompt and efficient communication across our markets.</p>
2.	<p>Building on our portfolio of environmentally responsible investments, 2017 saw the completion of the AIA Financial Centre, in the Guangdong Financial High-Tech Zone at Nanhai, Foshan, China with the construction of our second tower, Two AIA Financial Centre.</p> <p>Aligned with our commitment to provide our markets with high-quality, sustainable and low carbon spaces, One AIA Financial Centre has been awarded the highest rating of LEED Platinum certification under Existing Buildings, Operation & Maintenance, awarded by the US Green Building Council. We take great pride in One AIA Financial Centre being the first building in Guangdong province to have received LEED Platinum certification. Two AIA Financial Centre has also been awarded with LEED Gold Certification. LEED remains one of the foremost accreditation schemes for sustainability in design, construction and operation.</p>
3.	

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>AIA is committed to incentivising and encouraging our customers and employees to live healthier, longer, better lives, it is essential that we understand the impact of the environment on well-being, and take steps to measure, monitor and mitigate our own environmental footprint. To us, this is simply the right thing to do.</p> <p>In 2018, AIA joined the Task Force on Climate Related Financial Disclosures (TCFD) and published a Climate Change Statement. Going forward, AIA aims to address the TCFD recommendations.</p>	<p>We target a reduction in energy intensity of 5% by 2020 with 2015 as baseline.</p>
2.		

3.		
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**Please use separate sheet(s) where the space provided in the form is not sufficient 如表格內提供的空位不足夠, 請另加紙張填寫*

Part 4 Verification 第四部分 核證	
4.1 Verification information 核證資料	
Has verification² been conducted? 是否曾經進行核證？	<input checked="" type="checkbox"/> Yes – please fill in the blanks below 是 – 請填寫以下空格 <input type="checkbox"/> No 否
Verification body 核證機構:	PricewaterhouseCoopers
Verification standard: 核證標準:	<input type="checkbox"/> International Organization for Standardization (ISO) 14064-3:2006 - Greenhouse gases - Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions 國際標準化組織 (ISO) 14064-3:2006 – 溫室氣體 - 第3部分：溫室氣體確定的證實和驗證的規範與指南
	<input checked="" type="checkbox"/> Others, please specify: 其他 (請說明): International Standard on Assurance Engagements 3000 (Revised), Assurance Engagements other than Audits or Reviews of Historical Financial Information, and, in respect of greenhouse gas emissions, and the International Standard on Assurance Engagements 3410, Assurance Engagements on Greenhouse Gas Statements, issued by the International Auditing and Assurance Standards Board.
Date of verification (yyyy/m/d): 核證日期 (年/月/日):	2018/3/21
Remarks (e.g. various verification status for different subsidiaries): 備註(例如: 各附屬公司的核證情況):	<p>Verification focused on the following KPIs:</p> <ul style="list-style-type: none"> • Electricity usage (indirect energy use) • Energy consumption from use of fossil fuels and gas (direct energy use) • Total energy consumption • Total energy intensity (per full-time employee) • Scope 1 Greenhouse Gas (“GHG”) emissions • Scope 2 GHG emissions • Scope 3 GHG emissions (Note 1) • Total GHG emissions (Scope 1, 2, 3) • Total GHG emissions (Scope 1, 2, 3) intensity (per full-time employee) <p>Verification also focused on the following locations for 2018:</p> <p>Selective quantitative data was provided for three of the Company’s locations and related operations and these are the only locations included in the Identified Sustainability Information for the year ended 30 November 2017, namely:</p> <ul style="list-style-type: none"> • the Company’s Group Office operations in Hong Kong conducted from its premises located at AIA Central (1 Connaught Road, Central) and AIA Building (1 Stubbs Road, Wan Chai);

	<ul style="list-style-type: none"> • the operations of AIA Hong Kong conducted from its premises located at AIA Hong Kong Tower (734 King’s Road, Quarry Bay) and AIA Financial Centre (712 Prince Edward Rd E, San Po Kong); and • the operations of AIA Singapore conducted from its premises at AIA Alexandra (371 Alexandra Road), AIA Tampines (3 Tampines Grande) and AIA Tower (1 Robinson Road).
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¹ GHG emissions (direct and indirect) and removals in relation to the buildings can be broadly classified into three separate scopes as below –

- Scope 1 – direct emissions and removals;
- Scope 2 – energy indirect emissions; and
- Scope 3 – other indirect emissions.

The definitions of Scopes 1, 2 and 3 emissions can be found in the “Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for Buildings (Commercial, Residential or Institutional Purposes) in Hong Kong (2010 Edition)”

與建築物有關的溫室氣體排放（直接或間接）及減除，可概括分為以下三個不同的範圍 –

- 範圍 1 -- 直接溫室氣體排放及減除；
- 範圍 2 -- 使用能源間接引致的溫室氣體排放；以及
- 範圍 3 -- 其他間接溫室氣體排放。

有關溫室氣體排放範圍 1、2及3的定義，可參照《香港建築物（商業、住宅或公共用途）的溫室氣體排放及減除的核算和報告指引》（2010年版）

2 The reporting entity is encouraged to carry out verification of the GHG emissions by an independent verifier. Independent verification of GHG emissions can facilitate the management to have better understanding of the carbon footprint of the company’s operation and identify areas for improvement, provide credibility and quality assurance on the disclosure of carbon footprint, and enhance the corporate image in respect of transparency and accountability. In December 2012, the Hong Kong Accreditation Service (HKAS) introduced accreditation service for ISO 14064 GHG validation and verification for validation/verification bodies’ voluntary application. Accredited validation/verification bodies’ technical competence is rigorously assessed by HKAS, so that the reliability of their results can be assured. Relevant HKAS-accredited validation/verification bodies, once available, will be announced at HKAS’s website at:

<http://www.itc.gov.hk/en/quality/hkas/hkcas/about.htm>.

我們鼓勵報告機構聘請獨立核證人核證溫室氣體排放，溫室氣體排放的獨立核證能促使管理層對公司營運引致的碳足跡有更佳的了解，並找出可作改善的地方；此舉亦為所披露的碳足跡資料提供可信性和質量保證，在透明度和問責層面提升企業形象。2012年12月香港認可處就 ISO 14064審定和核查推出認可服務，供審定/核查機構自願申請。獲認可審定/核查機構的技術能力由香港認可處進行嚴格評審，因此能確保其審定/核查結果更為可靠。當有獲香港認可處認可的相關審定/核查機構，將在香港認可處網站公布：<http://www.itc.gov.hk/ch/quality/hkas/hkcas/about.htm>。

Hang Seng Industry Classification 恒生行業分類**Industry 行業**

Energy 能源業 – 00
Materials 原材料業 – 05
Industrials 工業 – 10
Consumer Goods 消費品製造業 – 20
Consumer Services 消費者服務業 – 30
Telecommunications 電訊業 – 35
Utilities 公用事業 – 40
Financials 金融業 – 50
Properties & Construction 地產建築業 – 60
Information Technology 資訊科技業 – 70
Conglomerates 綜合企業 – 80

Sector 業務類別

Oil & Gas 石油及天然氣 – 001
Coal 煤炭 – 002
Gold & Precious Metals 黃金及貴金屬 – 051
Diversified Metals & Minerals 一般金屬及礦石 – 052
Basic Materials 原材料 – 053
Industrial Engineering 工業工程 – 101
Industrial Transportation 工用運輸 – 102
Commercial & Professional Services 工用支援 – 103
Automobiles 汽車 – 201
Household Goods & Electronics 家庭電器及用品 – 202
Textiles, Clothing & Personal Care 紡織、服飾及個人護理 – 203
Food & Beverages 食物飲品 – 204
Healthcare 醫療保健 – 205
Agricultural Products 農業產品 – 206
Retailers 零售 – 301
Hotels, Casinos & Leisure Facilities 酒店、賭場及消閒設施 – 302
Media & Entertainment 媒體及娛樂 – 303
Transportation 運輸 – 304
Support Services 支援服務 – 305
Telecommunications 電訊 – 350
Utilities 公用事業 – 400
Banks 銀行 – 501
Insurance 保險 – 502
Other Financials 其他金融 – 503
Properties 地產 – 601
Construction 建築 – 602
IT Hardware 資訊科技器材 – 701
Software & Services 軟件服務 – 702
Semiconductors 半導體 – 703
Conglomerates 綜合企業 – 800

Source: Hang Seng Indexes (<http://www.hsi.com.hk/HSI-Net/HSI-Net>)

來源: 恆生指數 (<http://www.hsi.com.hk/HSI-Net/HSI-Net>)