

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: AAC Technologies Holdings Inc. 中文: 瑞聲科技控股有限公司	Stock code: 股份代號:	02018
Hang Seng Industry Classification 恆生行業分類(HSIC):			
(i) Industry: 行業:	Information Technology 資訊科技業 - 70 ▼		
(ii) Sector: 業務類別:	IT Hardware 資訊科技器材 - 701 ▼		
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):			
2017 Sustainability Report Please find our Sustainability Report on our website under the "About AAC" section or on HKEx website.			
Attachment 附件			
Additional files upload if any (not more than 3 files, not exceeding 2Mb per file) 上傳附件檔案 (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:			
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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:	2017-01-01 To (至) 2017-12-31		
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 <u>Note 1</u> 營運邊界 <u>備註 1</u>	Brief descriptions on emission sources 排放來源簡述	Emission data 排放數據	
Scope 1 範圍 1:	Production Processes	4510 tonnes CO ₂ -e (公噸二氧化碳當量)	
Scope 2 範圍 2:	Purchased energy sources such as electricity	543854 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:	548364 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:	52171		
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):	1177200		
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):	21119		
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:			
<input type="checkbox"/> Operations within Hong Kong 香港以內的營運			
<input checked="" type="checkbox"/> 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): China, Vietnam			
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 %			

<input type="checkbox"/> 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	We have commissioned external certification bodies to assure our environmental management system is effective. Currently, our main production plants located in Changzhou, Suzhou, Shuyang and Shenzhen have obtained ISO14001 Environmental Management System Certification. We are also required to comply with Clean Production Law suggested by the local government in order to reduce carbon emission.	
2	We are committed to addressing climate change through reduction of its energy consumption as well as its other carbon emissions in its business operations. It is aware that improving energy efficiency represents the largest and most cost-effective way to mitigate those emissions. Our Plant Division is responsible for monitoring energy consumption, optimising strategies and implementing energy saving measures in our production plants. Recommendations for energy saving in the "3-Year Plan Environmental Management" include waste heat recycling systems and greater use of renewable energy. Furthermore, we monitor performance of previously implemented energy saving projects and analyse the actual energy efficiency of such projects. Through these actions, we identify the best approaches and promote them in other plants and areas.	
3	In 2017, through analysing the actual situation in different production plants, several energy retrofits were completed, which include alteration of vacuum generator, transformation of the overall control system of refrigeration room and optimisation of the chilled water system. Projects for waste heat recycling and distributed photovoltaic power generation system in Changzhou and Shuyang are now in progress. These projects aim to achieve sustainable enhancement of energy efficiency and generation of clean energy to replace at least part of our usage of conventional energy. Below table summarises the energy saving initiatives undertaken in 2017 and their respective benefits.	
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	Since we are growing our business/capacity, we forecast the absolute emissions will be increasing over the next five years. In the 2016 Sustainability Report, we will try to calculate and disclose our emissions intensity and hopefully, we can base on this to set our intensity target in the future.	
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 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:		
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 type="checkbox"/> Others, please specify: (其他，請說明):	
Date of verification: 核證日期:		
Remarks (e.g. various verification status for different subsidiaries): 備註(例如：各附屬公司的核證情況):		