

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: Pacific Andes International Holdings Limited 中文: 太平洋恩利國際控股有限公司	Stock code: 股份代號:	01174
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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:	Agricultural Products 農業產品 - 206 ▼

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):

Please refer to Pacific Andes Sustainability Summary 2014/2015 at http://www.pacificandes.com/html/sus_report.php

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)

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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:	2013-09-29 To (至) 2014-09-28	
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 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): GRI 3.1 Guidance	
Operational boundary <u>Note</u> 營運邊界 <u>備註</u>	Brief descriptions on emission sources 排放來源簡述	Emission data 排放數據
Scope 1 範圍 1:	Intermediate fuel oil, refrigerants, diesel, petrol, marine gas oil, industrial bunker fuel no.6, lubricants, coal water slurry, natural gas, liquefied petroleum gas, machinery grease	227450 tonnes CO ₂ -e (公噸二氧化碳當量)
Scope 2 範圍 2:	Electricity, steam (purchased), heating (purchased)	31669 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:	259120 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:	7800
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):	12541
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):	
Total tonnage of production: 268352	

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 checked="" 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, US, Peru
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: 0.11 %

<input checked="" 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:	
	1	China Fishery Group Ltd.
	2	CFG Investment S.A.C.
	3	Pacific Andes Food Ltd.
	4	National Fish & Seafood Inc.

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):	
Please refer to Sustainability reporting principles and definitions at http://www.pacificandes.com/html/sus_report.php	

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	In China operations: Our Hongdao processing complex has successfully implemented a solar power system with pleasing results. Covering 18,000 square metres, the solar panels installed on site generate 14,000-15,000 kWh per day, which amounts to approximately 10% of the plant's daily electricity consumption. The clean energy solution has also brought cost savings in electricity of 5% per kWh.
2	In Peru operations: We have completed the installation of solar panels on two of our vessels - "Dalmacia" and "Jadran II", supplying energy to satellite locators and local radio on board the vessels. With an investment of US\$3,500 per vessel, the shift to solar energy saves 2,113 gallons of diesel per year which was used to power the satellite systems and avoided 21,406 kg of carbon dioxide from being emitted annually.
3	In Peru operations: In our fishmeal and fish oil production, 60% of cauldrons were replaced by a new technology which reduces fuel consumption. In three of our fishmeal plants, natural gas is now used instead of industrial oil, offering a cleaner source of energy. Compared to 2013, the equivalent carbon dioxide emissions per ton of fishmeal produced was 93% less in 2014.

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	We will continue to use our online sustainability platform to refine our GHG emissions profile to include scope 3 emissions and develop KPIs	

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 checked="" 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):

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