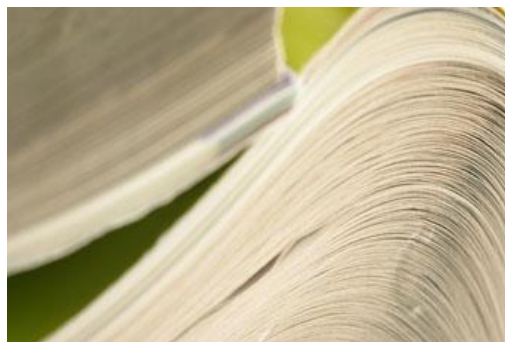


2019 CDP 台灣發表會

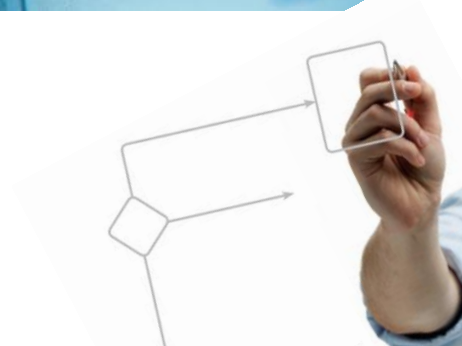
2019 台灣企業 CDP 問卷回覆現況解析



莫冬立

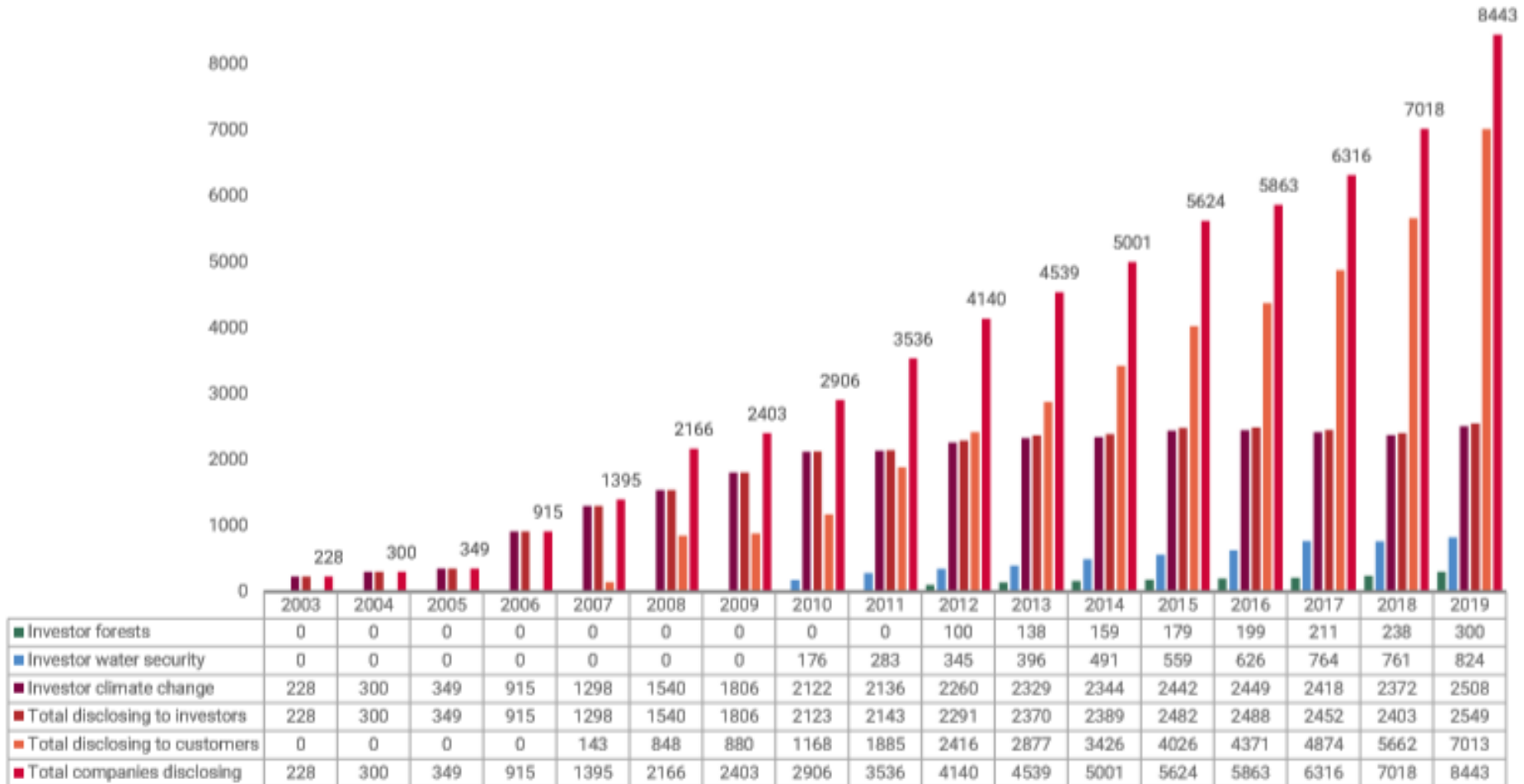
中華民國企業永續發展協會

2020. 2 . 27

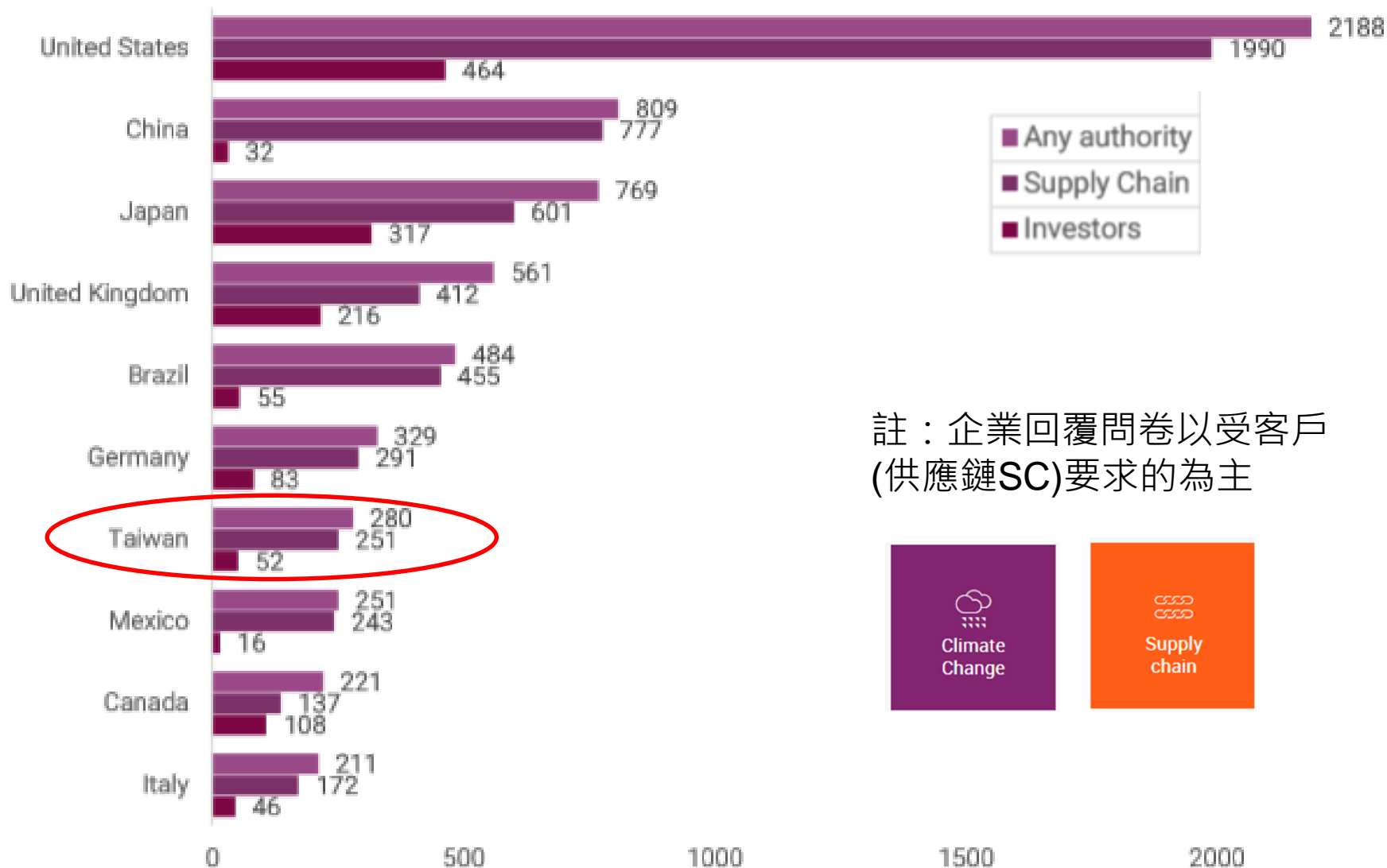


全球歷年CDP問卷回覆企業家數

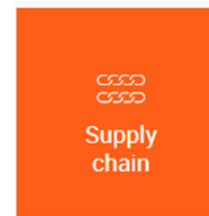
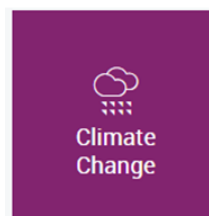
How many companies, by authority, disclosed in 2019 compared to previous years?



2019 台灣企業提交CDP CC問卷狀況

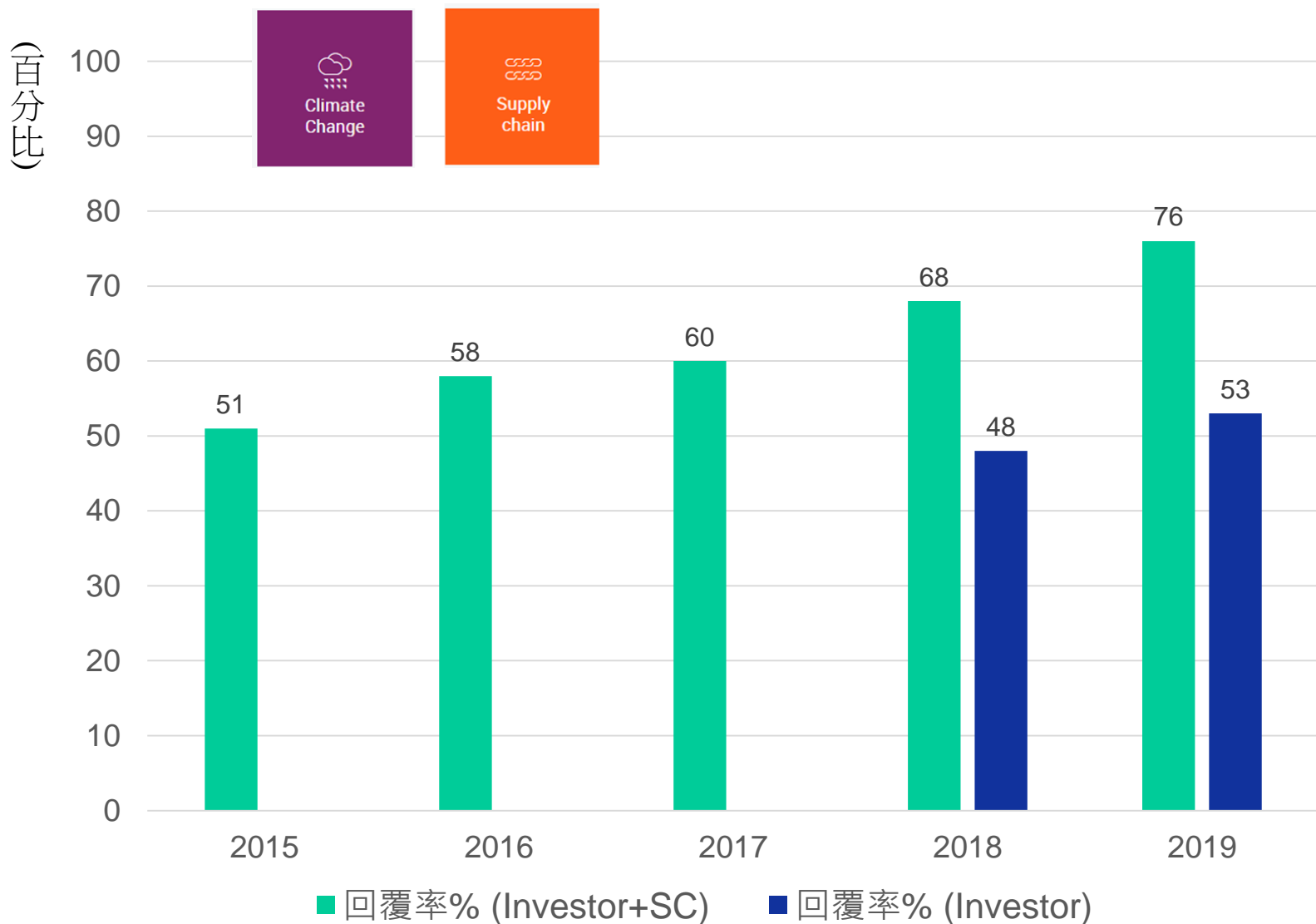


註：企業回覆問卷以受客戶(供應鏈SC)要求的為主



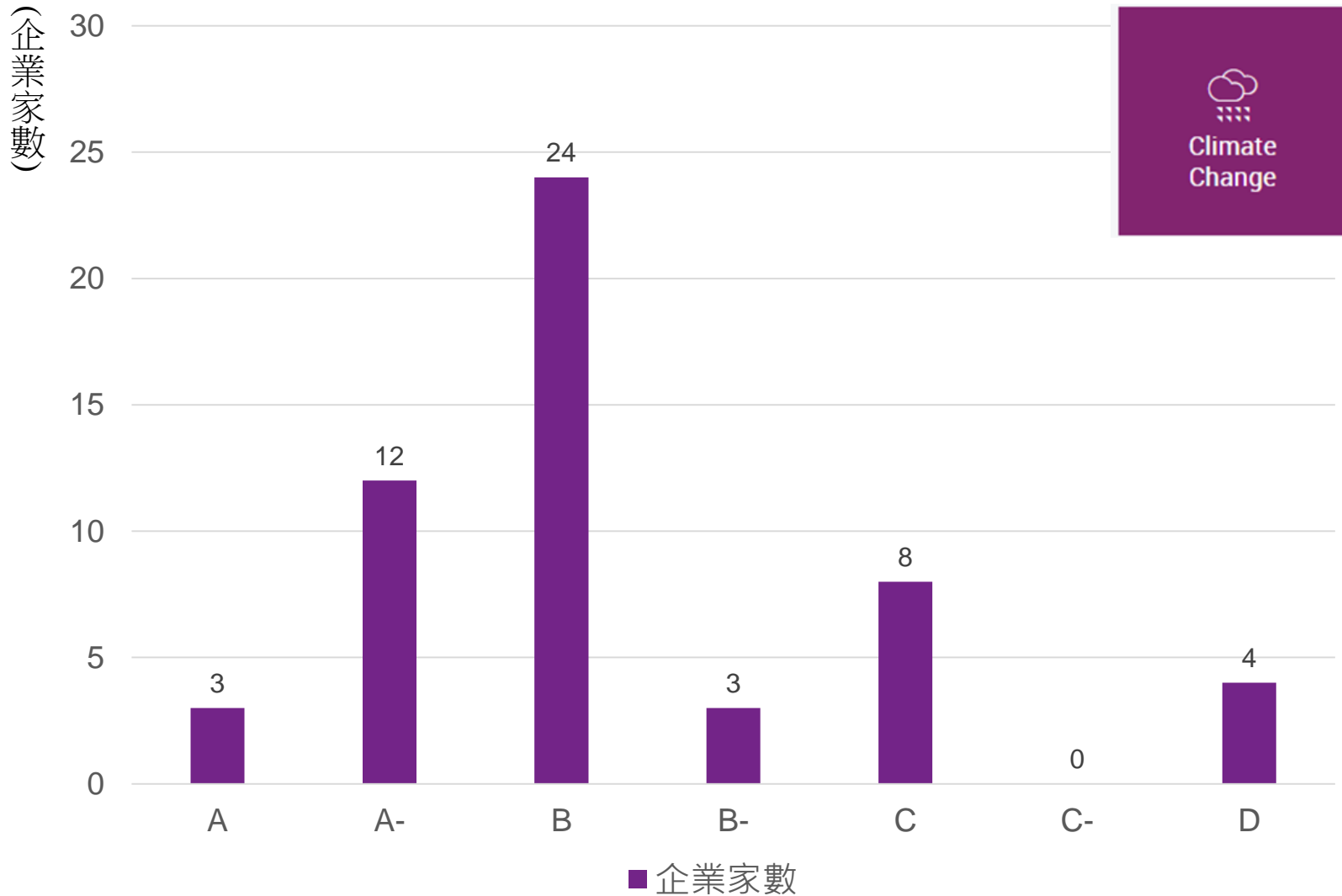
2015-2019 台灣企業CDP CC問卷回覆率(%)

4



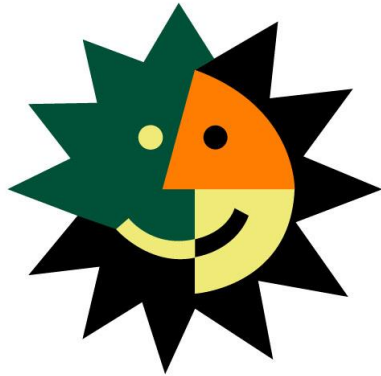
2019 台灣企業 CC問卷成績分布

5



2019 台灣企業 CC問卷A-List

6



ASE GROUP
日月光集團



CLIMATE

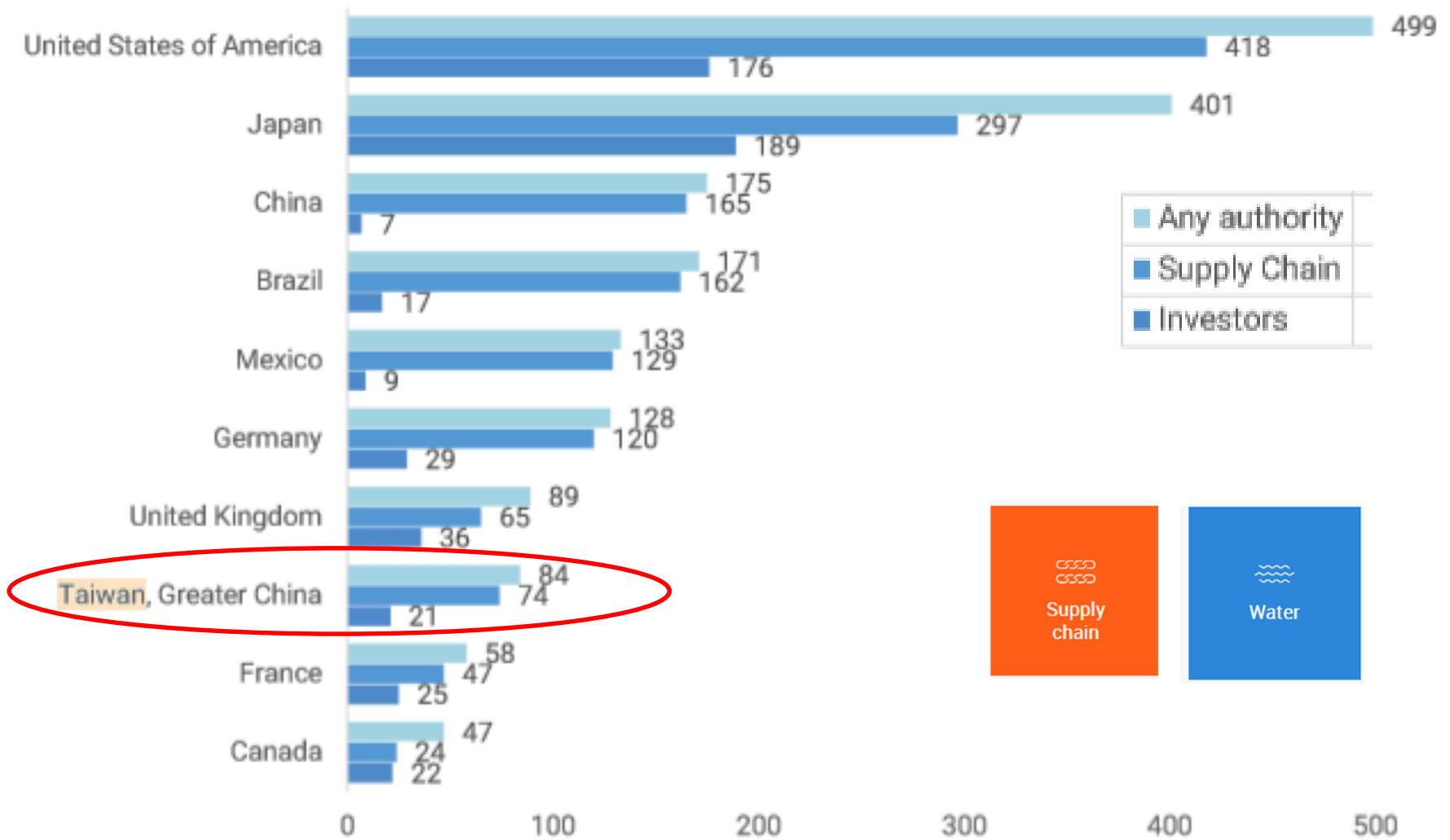


台灣大哥大
TAIWAN CELLULAR CORP

LITEON®

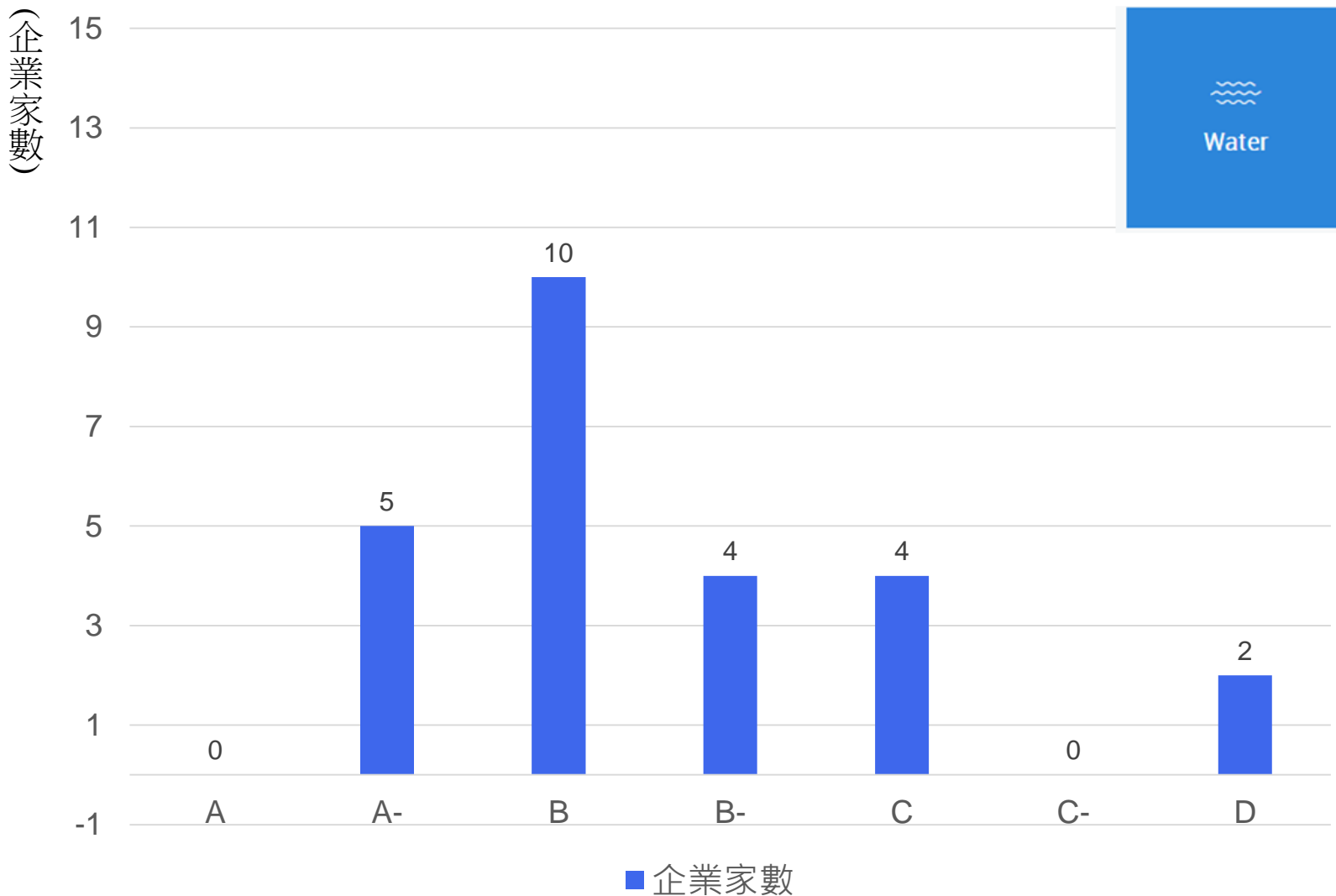
2019 台灣企業提交CDP Water問卷狀況

7



2019 台灣企業 Water問卷成績分布

8



細項回覆

C3 Business strategy (商業策略)

商業策略

C3.1a：組織是否使用氣候相關的情境分析來報告您的商業策略？

相依題目

只有您在C3.1選擇「Yes」時，才會出現此問題。

相對於2018的變化

無變化

與其他架構的連結

導入TCFD Strategy的建議(c)：在不同氣候相關的情境下，說明組織策略的適應力（包括考慮2°C或溫度上升幅度較低的情境）。

回覆選項

從下列選項選擇：

- Yes, qualitative
- Yes, quantitative
- Yes, qualitative and quantitative
- No, but we anticipate doing so in the next two years
- No, and we do not anticipate doing so in the next two years

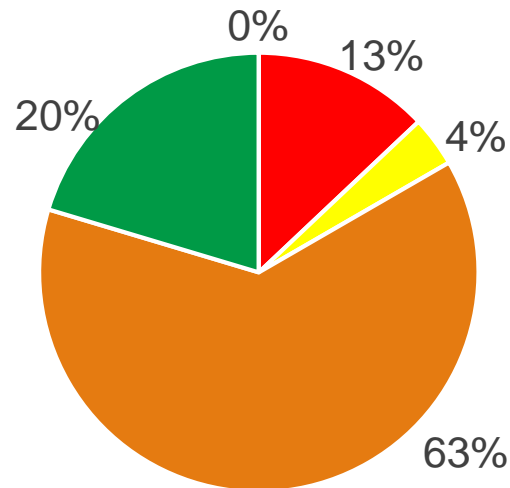
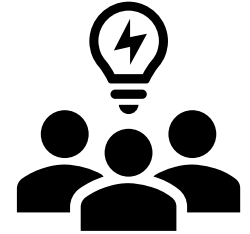
Disclosure	Awareness
1/1	1/1
選擇任一選項	選擇非“No, and we do not anticipate doing so in the next two years”的選項

Management	Leadership
0/0	0/0

C3 Business strategy (商業策略)

商業策略

C3.1a：組織是否使用氣候相關的情境分析來報告您的商業策略？



註：樣本為2019回覆 investor的台灣企業

- Yes, qualitative
- Yes, quantitative
- Yes, qualitative and quantitative
- No, but we anticipate doing so in the next two years
- No, and we do not anticipate doing so in the next two years

C3 Business strategy (商業策略)

商業策略

C3.1d：提供貴組織使用氣候相關情境分析的細節。

相依題目

只有在您C3.1a選擇“**Yes, qualitative(質化分析)**”，“**Yes, quantitative(量化分析)**”或“**Yes, qualitative and quantitative(質化和量化分析)**”，才會出現此問題。

相對於2018的變化

細微調整 (2019年版本新增功能：「氣候相關情境」可同時選擇多項適用之情境分析工具；另外此欄位之下拉式選單也新增 “RCP 4.5”，“RCP 6”，“RCP 8.5”，“IEA NPS”，“IEA CPS”，“BNEF NEO”，“REMIND”，“MESSAGE-GLOBIOM”選項。)

與其他架構的連結

導入TCFD Strategy的建議(c)：在不同氣候相關的情境下，說明組織策略的適應力（包括考慮2°C或溫度上升幅度較低的情境）。

C3 Business strategy (商業策略)

商業策略

C3.1d：提供貴組織使用氣候相關情境分析的細節。

回覆選項

請填寫下表。您可以使用表格底部的「Add Row」按鈕增加列。

Climate-related scenarios	Details
<p>Select from:</p> <ul style="list-style-type: none">• 2DS：本世紀末以前全球升溫要控制在2°C以內的情境。• IEA 450：本世紀末以前要將大氣中的CO2濃度控制在450ppm以下。• Greenpeace• DDPP• IRENA：2030年各國各項再生能源發展情境。• RCP 2.6：全球暖化幅度維持在比工業革命前的溫度高2°C以內的情境。• RCP 4.5：溫室氣體中等穩定化的情境。• RCP 6：溫室氣體高度排放的情境。• RCP 8.5：溫室氣體高度排放的情境。• IEA B2DS：超越2°C情景，如1.5°C。• IEA Sustainable development scenario• IEA NPS• IEA CPS• BNEF NEO• REMIND• MESSAGE-GLOBIOM• Nationally determined contributions (NDCs)：各國承諾減量目標• Other, please specify	<p>Organizations should disclose their inputs, assumptions and analytical methods used for this scenario.</p> <p>For existing scenarios (e.g. IEA 450 etc.), organizations should disclose how they have altered/changed the inputs, assumptions or analytical methods to cater to their needs.</p> <p>Text field [maximum 4,000 characters]</p>

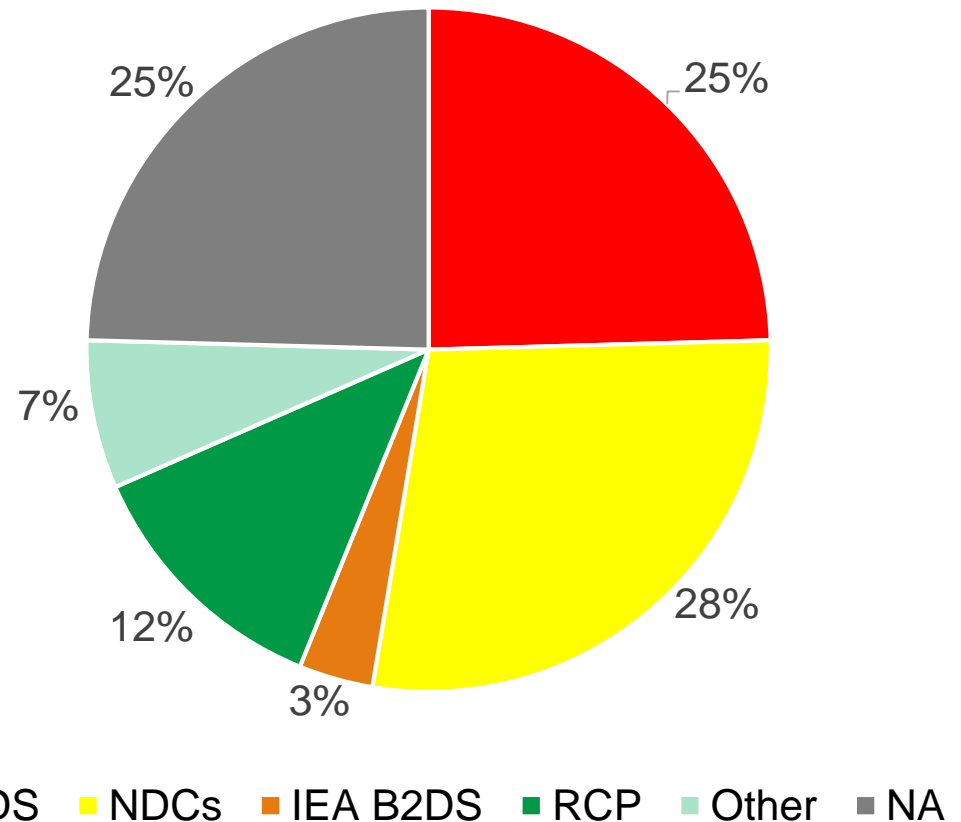


C3 Business strategy (商業策略)

商業策略

C3.1d：提供貴組織使用氣候相關情境分析的細節。

註：樣本為2019回覆investor的台灣企業、取回覆的第一項氣候相關情境



C4 Targets and performance (目標與績效)

目標

C4.1：您在報告年度有無啟動的排放目標？

相對於2018的變化

無變化

與其他架構的連結

導入TCFD Metrics & Targets的建議(c)：說明組織管理氣候相關風險和機會時的目標，以及績效與目標的差異。

回覆選項

從下列選項選擇：

- Absolute target (絕對目標)
- Intensity target (強度目標)
- Both absolute and intensity targets
- No target

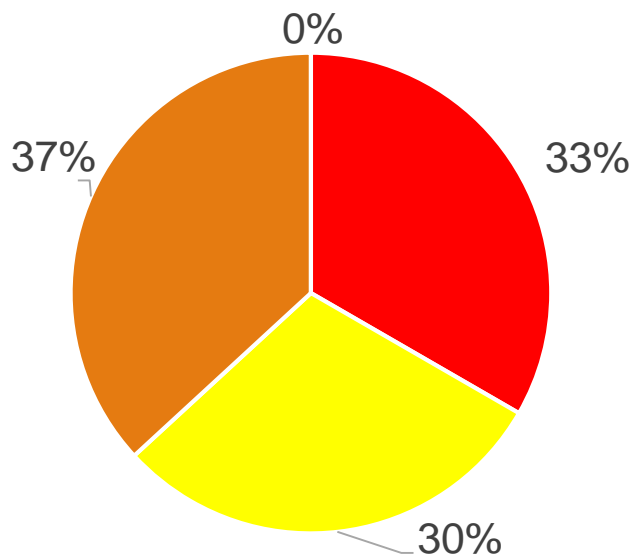
Disclosure (1/1)	Awareness (1/1)	Management (1/1)	Leadership (0/0)
選擇任一選項，得1分。	選擇非” No target”之任一選項，得1分。	選擇非” No target”之任一選項，得1分。	



C4 Targets and performance (目標與績效)

目標

C4.1：您在報告年度有無啟動的排放目標？



註：樣本為2019回覆 investor 的台灣企業

- Absolute target
- Intensity target
- Both absolute and intensity targets
- No target

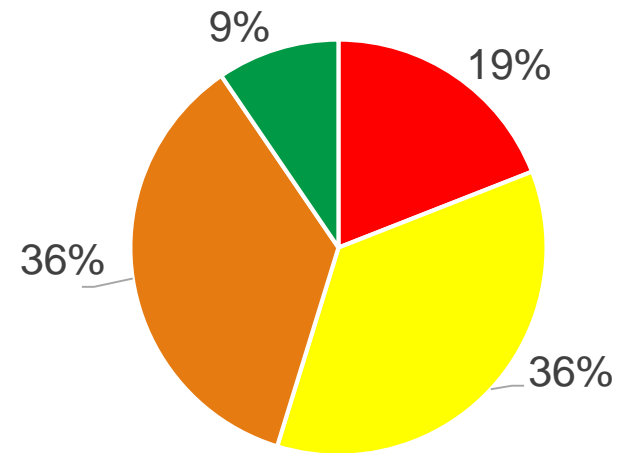
C4 Targets and performance (目標與績效)

目標

C4.1a/4.1b：提供您的絕對/強度排放目標的細節以及這些目標的進展。
(是否為SBTi通過之SBT目標?)

註：樣本為2019回覆investor的台灣企業

- Yes, this target has been approved as science-based by the Science-Based Targets initiative
- Yes, we consider this a science-based target, but this target has not been approved as science-based by the Science-Based Targets initiative
- No, but we anticipate setting one in the next 2 years
- No, and we do not anticipate setting one in the next 2 years



台灣企業回覆SBT之狀況

18

Company	Sector	Status	Date
Yuanta Financial Holding Co Ltd	Banks, Diverse Financials and Insurance	Committed	Jun-19
Taiwan Semiconductor Manufacturing Company	Semiconductors and Semiconductors Equipment	Committed	Jul-17
✓ Taiwan Mobile Co., Ltd - View Target	Telecommunications	Targets Set	Jul-19
Taiwan Cement Corporation	Construction Materials	Committed	Dec-19
Powertech Technology Inc.	Technology Hardware and Equipment	Committed	Apr-17
✓ LITE-ON technology corp. - View Target	Technology Hardware and Equipment	Targets Set	Apr-19
Fubon Financial Holdings	Banks, Diverse Financials and Insurance	Committed	Dec-16
✓ Far EasTone Telecommunications Co., Ltd. - View Target	Telecommunications	Targets Set	Aug-19
✓ Delta Electronics - View Target	Technology Hardware and Equipment	Targets Set	Dec-17
AU Optronics Corporation	Technology Hardware and Equipment	Committed	Apr-17

註：台灣企業共有4家通過之目標SBTi核准，但有8家企業於C4.1a/4.1b回覆Yes, this target has been approved as SBT. (請注意：錯誤回覆可能導致成績倒扣)

C8 Energy (能源)

能源消耗

C8.2a：以千瓩小時報告貴組織的能源消耗總量(不包括原料)。

回覆選項

請完成下列表格。

Activity	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total MWh
Consumption of fuel (excluding feedstock)	Select from: <ul style="list-style-type: none">LHV (lower heating value)HHV (higher heating value)	數值區(最多小數點2位)	數值區(最多小數點2位)	數值區(最多小數點2位)
Consumption of purchased or acquired electricity	N/A			
Consumption of purchased or acquired Heat	N/A			
Consumption of purchased or acquired Steam	N/A			
Consumption of purchased or acquired cooling	N/A			
Consumption of self-generated non-fuel renewable energy	N/A		N/A	
Total energy consumption	N/A			



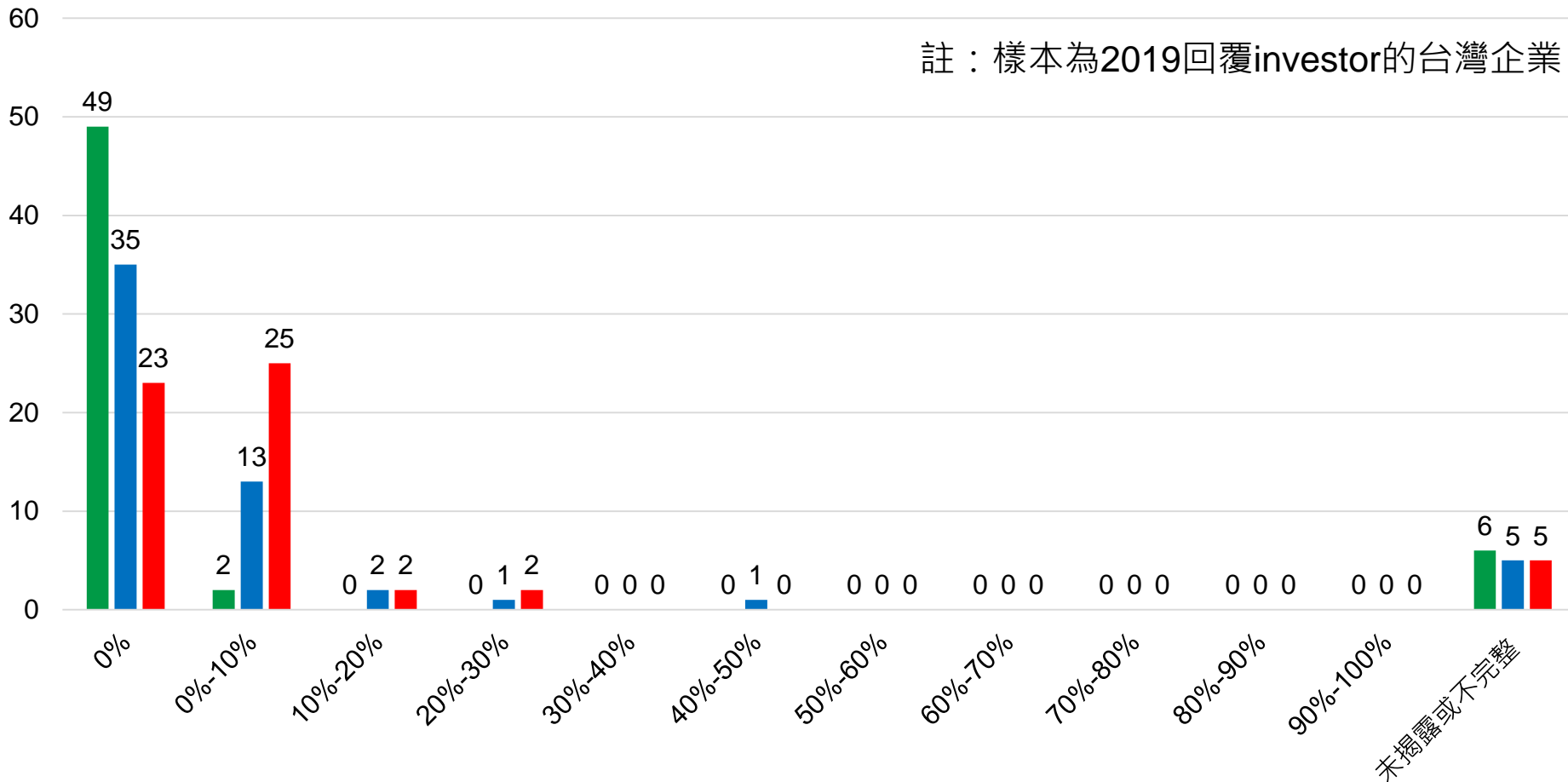
C8 Energy (能源)

能源消耗

(企業家數)

C8.2a：再生能源使用佔比級距分布狀況。

註：樣本為2019回覆investor的台灣企業



■ 再生能源使用佔比級距(燃料) ■ 再生能源使用佔比級距(電力) ■ 再生能源使用佔比級距(總能源)

C10 Verification (驗證)

驗證

C10.1：指出適用於您報告的排放驗證/確信狀態。

相對於2018的變化

無變化

回覆選項

請完成下列表格。

Scope	Verification/assurance status
Scope 1	Select from: <ul style="list-style-type: none"> No emissions data provided No third-party verification or assurance Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	
Scope 3	

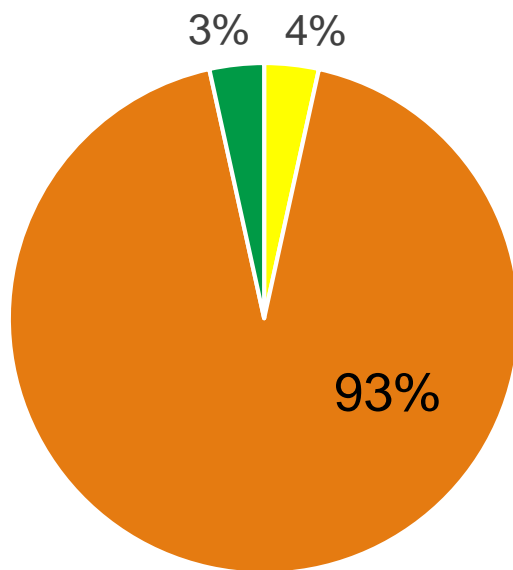
Disclosure	Awareness
3/3	3/3
第二欄選擇任一答案，每一列1分，最多3分。	第二欄選擇「經第三方保證/確信」，得1分。
Management	Leadership
0 → 0/0 or 0/5 or 0/10 or 0/15	0 → 0/0 or 0/1 or 0/2
第二欄選擇「未經第三方保證/確信」，懲罰性得分0/5，最多0/15分。	Scope1&2之第二欄選擇「未經第三方保證/確信」，懲罰性得分0/1，最多0/2分。

C10 Verification (驗證)

驗證

C10.1：指出適用於您報告的排放驗證/確信狀態。

Scope 1 & 2



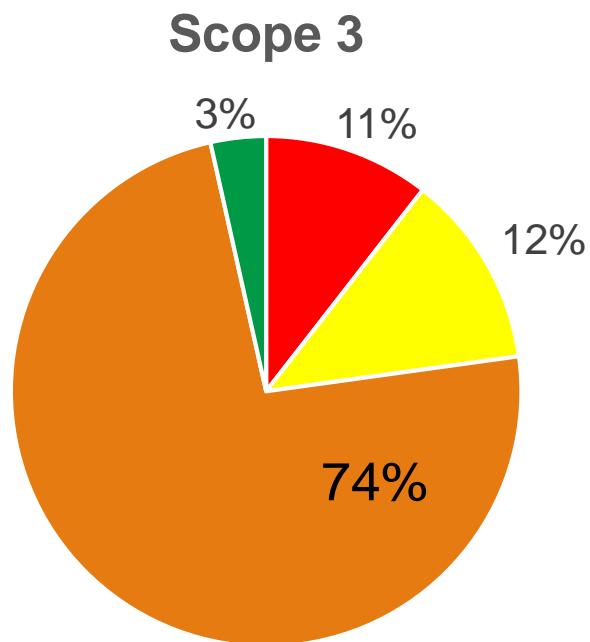
註：樣本為2019回覆 investor的台灣企業

- No emissions data provided
- No third-party verification or assurance
- Third-party verification or assurance process in place
- NA (未回覆)

C10 Verification (驗證)

驗證

C10.1：指出適用於您報告的排放驗證/確信狀態。



註：樣本為2019回覆 investor的台灣企業

- No emissions data provided
- No third-party verification or assurance
- Third-party verification or assurance process in place
- NA (未回覆)

C11 Carbon pricing (碳定價)

碳定價機制

C11.1：請問您有任何營運或商業活動受到碳定價機制管制嗎，如碳排放交易體系、總量管制與排放交易或碳稅？

相對於2018的變化

無變化

回覆選項

從下方選擇：

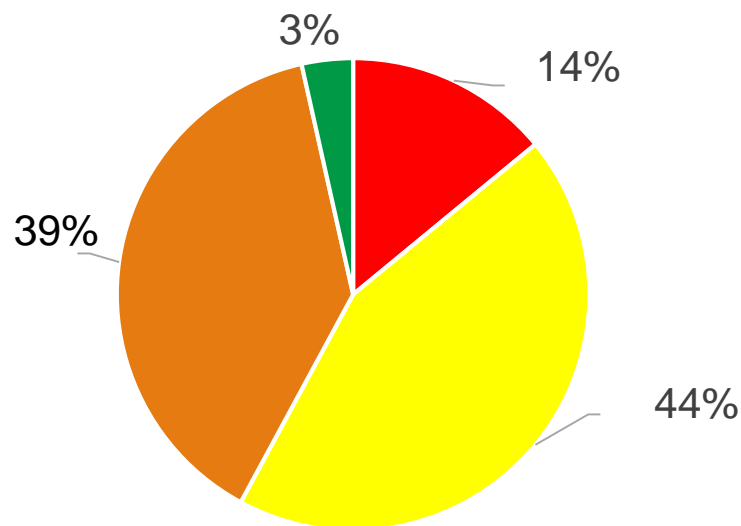
- Yes
- No, but we anticipate being regulated in the next three years
- No, and we do not anticipate being regulated in the next three years

Disclosure	Awareness	Management	Leadership
1/1	0/0	0/0	0/0
選擇任一選項			

C11 Carbon pricing (碳定價)

碳定價機制

C11.1：請問您有任何營運或商業活動受到碳定價機制管制嗎，如碳排放交易體系、總量管制與排放交易或碳稅？



註：樣本為2019回覆 investor的台灣企業

- Yes
- No, but we anticipate being regulated in the next three years
- No, and we do not anticipate being regulated in the next three years
- NA (未回覆)

C11 Carbon pricing (碳定價)

專案導向碳權

C11.2：貴組織是否在報告期間內發起或購買了任何專案導向的碳權？

相對於2018的變化

無變化

回覆選項

從下方選擇：

- Yes
- No

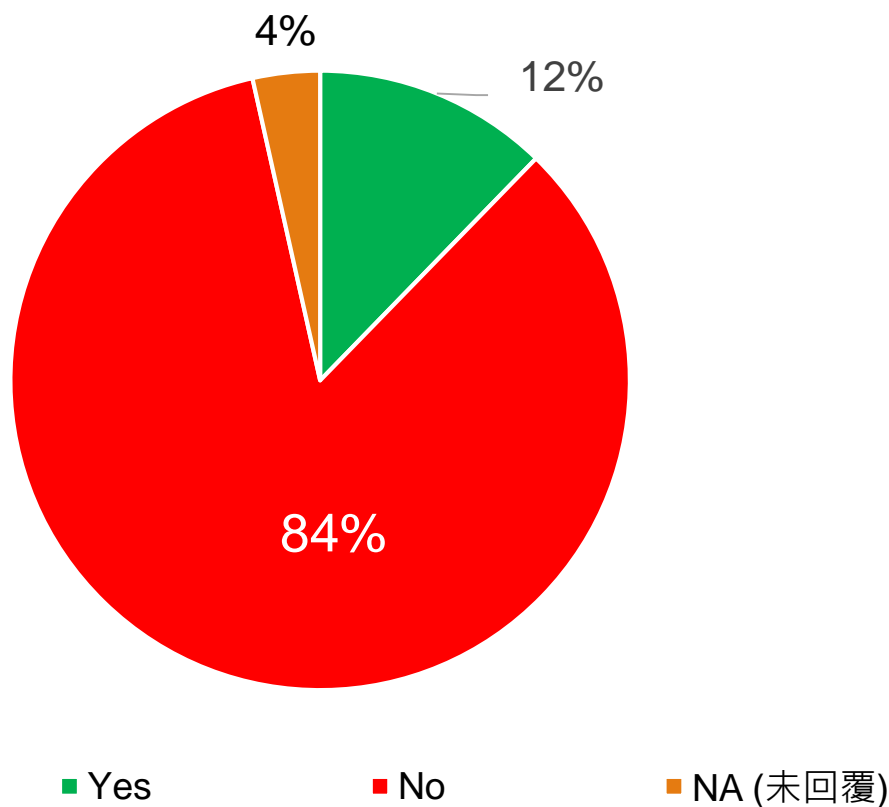
Disclosure	Awareness	Management	Leadership
1/1	0/0	0/0	0/0
選擇任一選項			



C11 Carbon pricing (碳定價)

專案導向碳權

C11.2：貴組織是否在報告期間內發起或購買了任何專案導向的碳權？



註：樣本為2019回覆 investor的台灣企業

C11 Carbon pricing (碳定價)

內部碳價格

C11.3：貴組織是否使用內部碳價格？

相對於2018的變化

無變化

回覆選項

從下方選擇：

- Yes
- No, but we anticipate doing so in the next two years
- No, and we don't anticipate doing so in the next two years

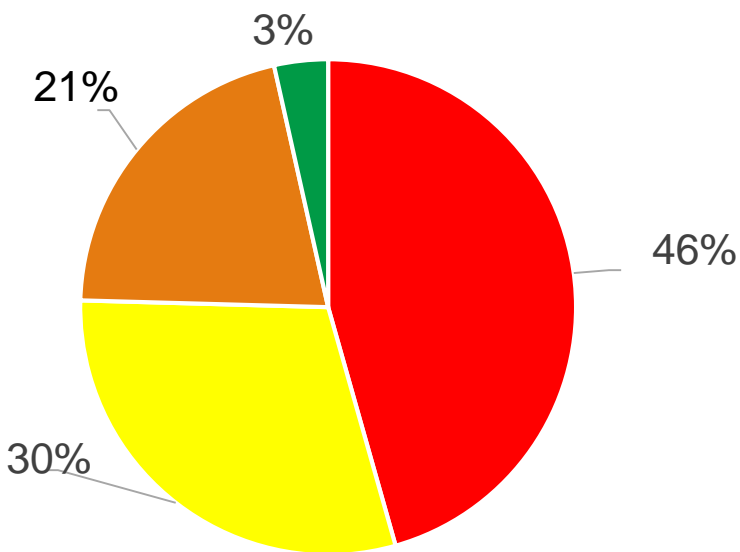
Disclosure	Awareness	Management	Leadership
1/1	1/1	1/1	0/0
選擇任一選項	選擇"Yes"或"No, but we anticipate doing so in the next two years"得1分	選擇"Yes"得1分	



C11 Carbon pricing (碳定價)

內部碳價格

C11.3：貴組織是否使用內部碳價格？



註：樣本為2019回覆 investor的台灣企業

- Yes
- No, but we anticipate doing so in the next two years
- No, and we do not currently anticipate doing so in the next two years
- NA (未回覆)





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