

Benefits of responding to CDP

CARBON DISCLOSURE PROJECT

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ASrIA
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Carbon Disclosure Project
Report 2008
Asia ex-Japan

On behalf of 385 investors with assets of \$57 trillion



Association for Sustainable & Responsible Investment In Asia

Report written by ASrIA



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Carbon Disclosure Project – About ASrIA

- A **not-for-profit** membership association dedicated to promoting the growth of sustainable and responsible finance in Asia since 2001
- 100+ members; host the ASrIA website (approx 15,000 hits per day); 6,000 subscribers to our e-bulletin
- Asia's premier org. for sustainable investment providing:
 - Insightful research, influential networks, thought leadership, and sustainability trends
- Provide a **platform for the SRI debate**, including many:
 - Investment managers and research analysts, governments, market regulators, & corporations
- Run CDP Asia, ADB's pension project, indep. research

Carbon Disclosure Project – About ASrIA



¹ Sister organisation to UKSIF and US SIF

Carbon Disclosure Project – an opportunity

- Demand is there and it is growing
 - Information on risks & opportunities
- CDP 2008 data shows:
 - Carbon data is generally scarce (esp. non-tech)
 - The quality of information is improving
- You don't have to report everything
 - Something is better than nothing
 - No punishment or criticism for under reporting



Carbon Disclosure Project – What has changed?

- 🌐 Regulation has changed
 - 🌍 Globally, in Asia, in Taiwan
- 🌐 Markets have changed
- 🌐 Public perception has changed
 - 🌍 Attention is growing
 - 🌍 COP15 in Copenhagen



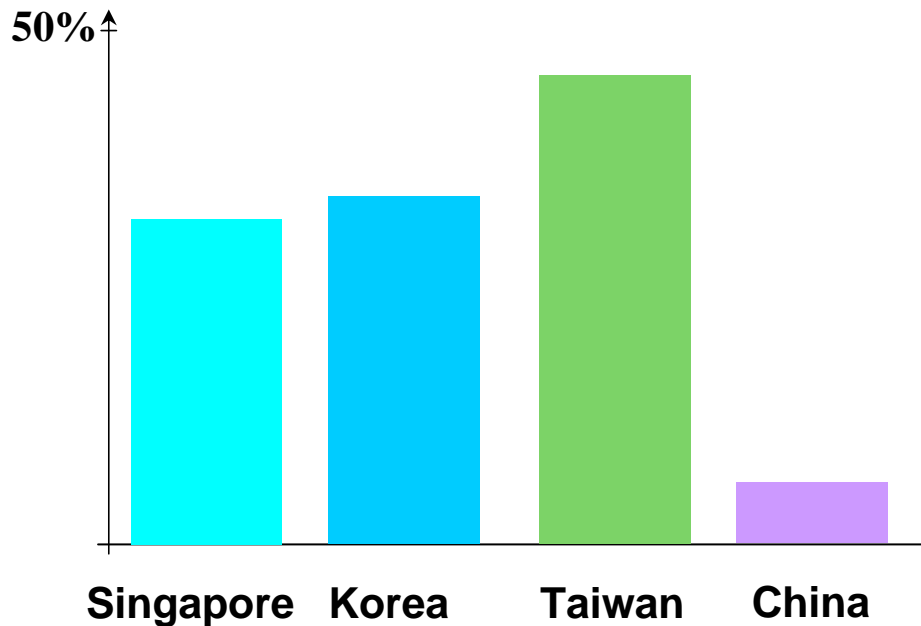
Carbon Disclosure Project – 2008 highlights (1)

Companies surveyed	220	
Response rate	28%	
Highest response by country	Taiwan	44%
	Korea	33%
	Singapore	31%
Country with largest # of new respondents	Taiwan	
Respondents with emission disclosures	24	
Country with largest # of emission disclosures	Taiwan	
Respondents with registered CDM projects	7	
Most comprehensive response	CLP	
Largest new respondent	China Shenhua Energy	

Source: ASrIA

Carbon Disclosure Project – 2008 highlights (2)

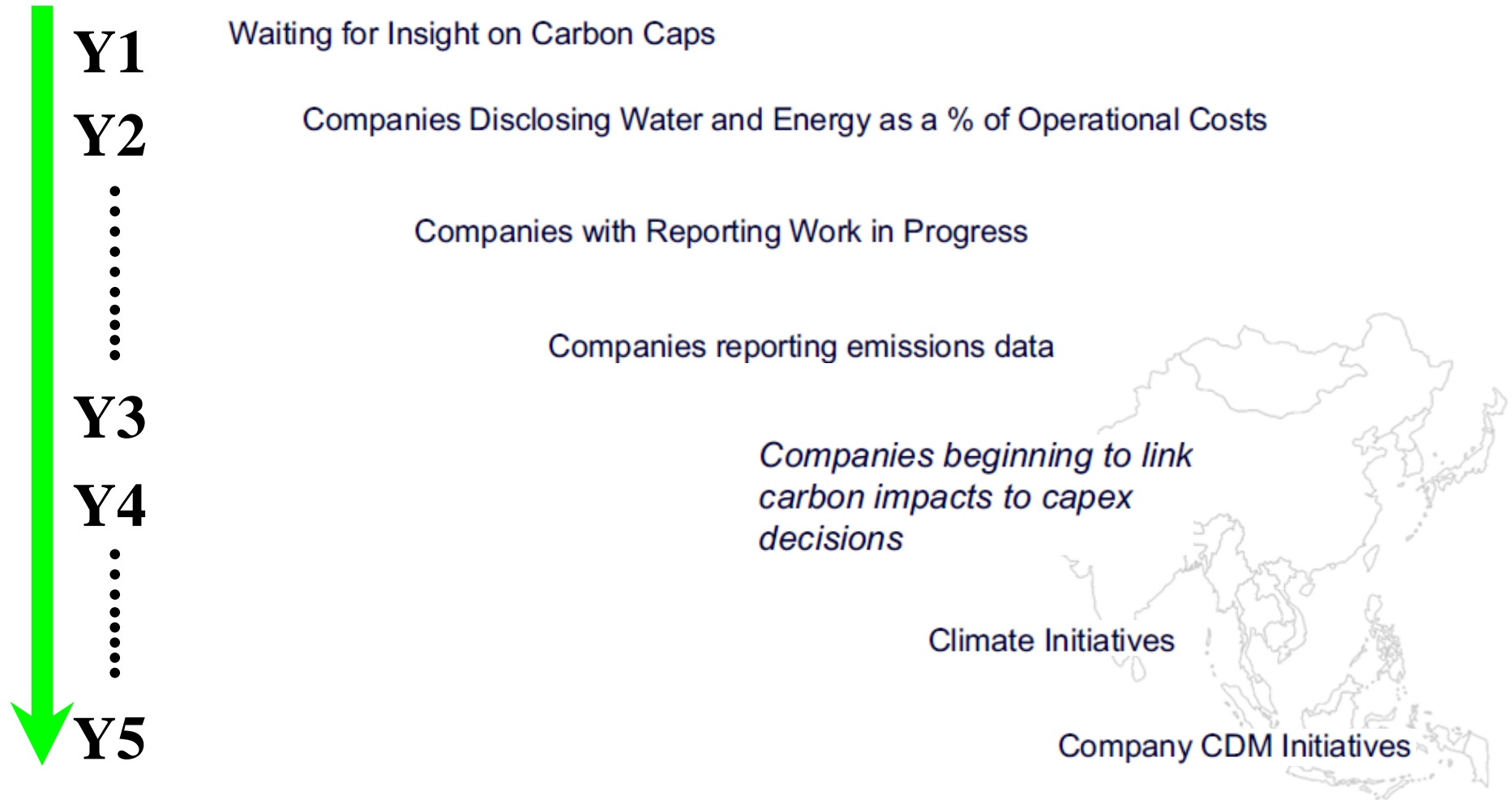
CDP 2008 Response Rate



- AU Optronics
- China Steel
- Asustek Computer Inc
- Acer Inc
- Chi Mei Optoelectronics
- Compal Electronics
- Delta Electronics
- Foxconn Technology
- High Tech Computer
- Hon Hai Precision Industry Company
- Siliconware Precision Industries
- Taiwan Semiconductor Manufacturing
- United Microelectrics
- Yuanta Financial Holdings

Source for all: ASrIA

Carbon Disclosure Project – 2008 highlights (3)



Source for all: ASrIA

Carbon Disclosure Project – 2008 highlights (4)

Company	Scope 1		Scope 2		Scope 3	Carbon Intensity	Emission Reduction with Targets
	A	F	A	F			
Yuanta Financial Holdings							
AU Optronics	√		√		Qualitative		√
China Steel	√		√			√	
Asustek Computer Inc							
Acer Inc.	√		√		Part		
Chi Mei Optoelectronics Corp.	√	√	√	√			√
Compal Electronics	√		√				√
Delta Electronics	√		√			√	
Foxconn Technology					Planning		
High Tech Computer							
Hon Hai Precision Industry Company Ltd					Qualitative		
Siliconware Precision Industries Company	√		√		Qualitative	√	√
Taiwan Semiconductor Manufacturing	√	√	√	√	Part	√	√
United Microelectronics	√	√	√	√	Part	√	√

A – Actual, F -Forecast



Carbon Disclosure Project – 2009 has begun

- No one wants to be last
 - In Taiwan, in region, in sector
- Best in class
 - Banks need more representation
- This is an opportunity
 - Differentiate – banks, textiles, telcos, chemicals



Carbon Disclosure Project – Benefits of responding (1)

- 🌐 Find inefficiencies
- 🌐 Find risks
 - 🌱 Regulatory
 - 🌱 Reputational
 - 🌱 Physical



Carbon Disclosure Project – Benefits of responding (2)

- 🌐 Marketing tools
- 🌐 Target setting
- 🌐 Index entry
- 🌐 GHG emissions inventory
- 🌐 Carbon trading

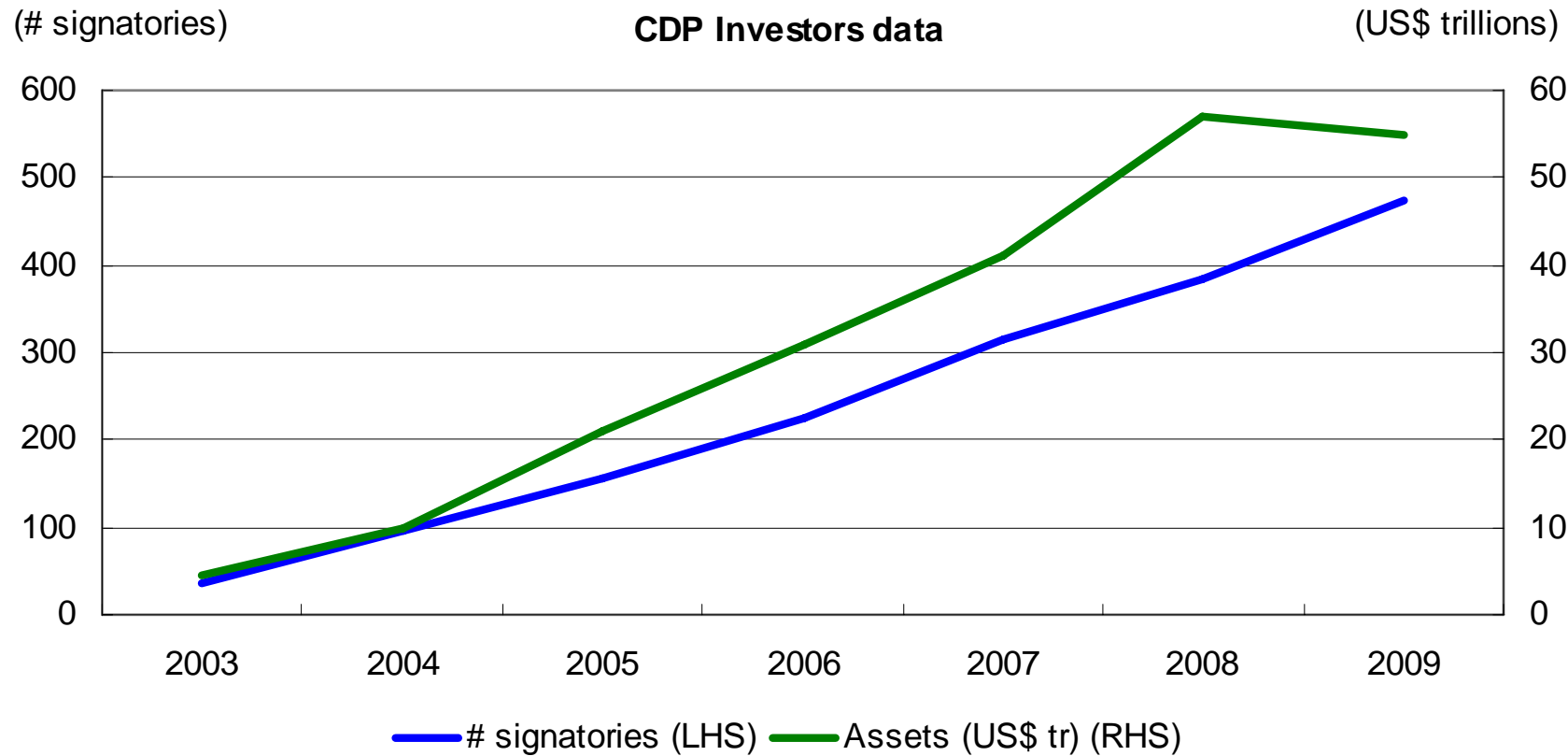


Carbon Disclosure Project – Links to ESG

- 🌐 Environment, Social, Governance
 - 🌐 AUO's LEED building covers more than carbon
- 🌐 ESG shows management quality
- 🌐 Asia 'perceived' as lagging in ESG
- 🌐 Taiwan's role in the region is increasing – ESG too
- 🌐 Investor interest in ESG is increasing



Carbon Disclosure Project – Investor use of CDP data



Source: ASrIA

Carbon Disclosure Project – Investor use of CDP data



- 77% of respondents said they factor climate change information in investment decisions and asset allocation
- Nearly half (46%) consider climate change as very important relative to other issues affecting the portfolio

Carbon Disclosure Project – Where to focus

- 🌐 Corporate strategy
 - 🌱 Long term, not short term
- 🌐 Relevance to your business
- 🌐 Management involvement is KEY!
 - 🌱 It is an OPPORTUNITY
- 🌐 Projects *within* the company
 - 🌱 Start with a division or a segment



Carbon Disclosure Project – Go from here....

- 🌐 Start NOW, 2009.
 - 🌱 Start Now
- 🌐 You are not alone - help is available
- 🌐 Past papers - can be found on CDP, ASrIA websites
- 🌐 There is a deadline - it is 31st May
- 🌐 ASrIA - here to help....





Thank you!

Q&A

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