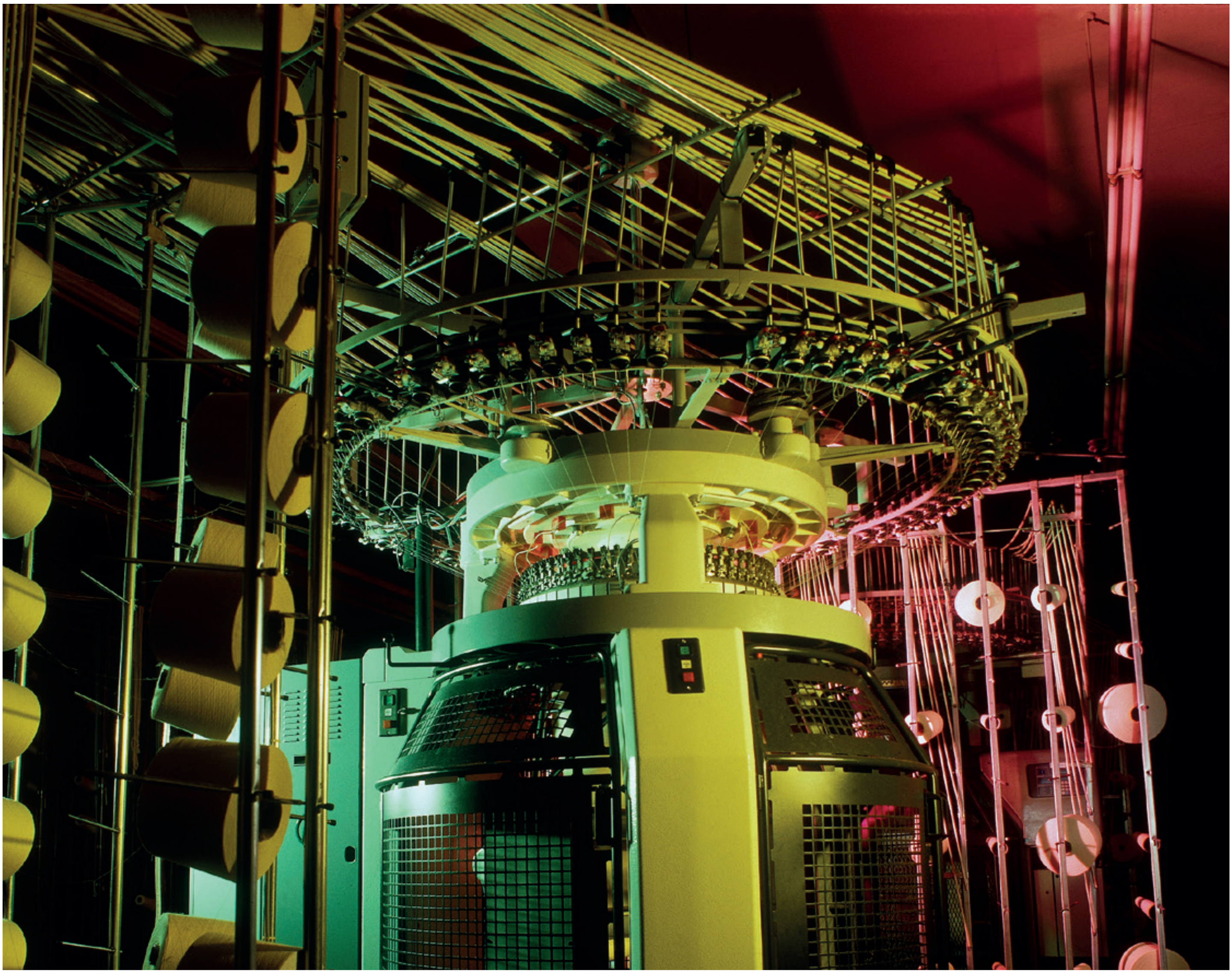
CDP South Africa Climate Change 2015
Executive Summary

On behalf of 822 investors representing US$95 trillion in assets



CDP's scoring and outsourcing partner:
FIRSTCARBON SOLUTIONS™

Lead Partner:
National Business Initiative

Executive Summary

2015 marks the 9th successive year that the National Business Initiative (NBI) has been working with CDP in South Africa. Much has changed over this period and the NBI feels the need to reflect that change. For this reason, the 2015 CDP South Africa report is slightly different. Instead of just reflecting the year on year change through the annual analysis reports, the NBI has contextualised the 2015 progress within the past nine years of CDP activity in South Africa. The NBI has produced a series of infographics that show company performance since CDP's first South Africa report in 2007. Furthermore, CDP has been working hard to provide a greater level of access to the data and has begun a process of migrating their data onto "big data" analytics platforms (www.cdp.net). As a consequence fewer samples around the world are producing large in-depth reports. In 2015, the NBI has therefore not produced the usual large CDP South Africa analysis report, but instead has chosen to produce a short executive summary, this document, supplemented by 2015 specific infographics and a series of infographics that analyses the nine year history of CDP in South Africa.

It is therefore important that this report be read in conjunction with the CDP South Africa infographics, paying special attention to the methodology graphic that explains the context of the data.

CDP is a global not-for-profit organisation, with its origins in London, working to transform the way the world does business to prevent dangerous climate change and protect our natural resources. Their primary focus is to work with the finance and investment community to realise a world where capital is efficiently allocated to create long-term prosperity rather than short-term gain at the expense of our environment. They do this by putting information at the heart of business, investment and policy decision making. CDP holds the largest collection globally of self-reported climate change, water and forest-risk data. This data is gathered via annual questionnaires sent to companies on behalf of investors. This year's CDP climate change questionnaire was sent on behalf of 822 investors representing US$95 trillion of assets under management.

It is important to note that companies disclose data for a geographic area of their choosing. All companies disclose their global data and some choose to disaggregate to country level. Considering that South African based companies operate in 75 countries around the world the data disclosed does not necessarily represent South African emissions but rather emissions of companies headquartered in South Africa.

Each company response is reviewed and is given two scores. One for disclosure and one for performance. The disclosure score assesses the completeness and quality of a company's response. The performance score assesses the level of action, as reported by the company, on climate change mitigation, adaptation and transparency. Disclosure is given a percentage score between 0 and 100, with 100 being a perfect score for disclosure. Performance is rated in bands from A to E, with an A being the highest band. The top 10% of responding companies from each sample in terms of disclosure score enter the Climate Disclosure Leadership Index (CDLI), and companies that receive the performance band A comprise the Climate A List, formerly known as the Climate Performance Leadership Index (CPLI).

The questionnaire is sent to the top 100 companies on the JSE by market capitalisation as at the beginning of January 2015. This data is provided by Bloomberg. The South African report is written by the NBI. For the first time scoring was completed by FirstCarbon Solutions, CDP's global scoring partner and additional analytic support was provided by EnigMatrix. It provides a concise analysis of the key trends evident in the 2015 responses. A review of the 2015 data in comparison to the prior year reflects a similar trend to each preceding year, that is, incremental growth but broadly similar patterns.

There is additional analysis in the CDP Global Report and more South African analysis is available on request.

Key:

- Score listed — Answered Questionnaire
  AQ (NP) — Answered Questionnaire but declined permission to make this public
  AQ (SA) — Answered Questionnaire via another listed company also in sample
  DP — Declined to Participate
  NR — No Response
- Only Scope 3 categories reported using the Greenhouse Gas Protocol Scope 3 named categories (as provided in the Online Response System) are included when determining the number of categories reported. Where companies have not provided emissions data or where they have not reported a named Scope 3 category according to the GHG Protocol Scope 3 standard, this column is blank.
- VAA: Verification/Assurance approved. Companies have reported that they have verification complete or underway with last year's certificate available and have been awarded the full points available for their statement.
  VAR: Verification/Assurance reported. Companies have reported that the have verification complete or underway with last year's statement available but the verification statement provided has not been awarded the full points available, or they have not been scored and therefore their verification statement has not been assessed.
  S1: verification/assurance applies to Scope 1 emissions.
  S2: verification/assurance applies to Scope 2 emissions.
  S3: verification/assurance applies to Scope 3 emissions.
- Abs: Absolute target. Companies have reported 'absolute targets' and have provided supporting information: percentage reduction from base year; base year; normalised base year emissions; and target year.
  Int: Intensity target. Companies have reported 'intensity targets' and have provided supporting information: percentage reduction from base year; metric; base year; normalised base year emissions; and target year.
- The score comprises the disclosure score number and performance score letter. Only companies that have scored more than 50 for their disclosure score are given a performance score.

This table provides an overview of key data elements drawn from company responses. Where companies have isolated their South African emissions from their global emissions, this figure has been provided. This was not required by the CDP methodology. However, it is important to consider this information when interpreting the carbon emissions data of large companies with global footprints. This is significant when making comparisons between different companies. The emissions data must be read with consideration of company emission exclusions and qualifying remarks, which can be made available on request.

Overview of all responses

Company	Sector	Sub-Sector	2015 Score	2014 Score	2013 Score	2012 Score	Scope 1 South Africa (tCO_2e)	Scope 1 Global (tCO_2e)	Scope 2 South Africa (tCO_2e)	Scope 2 Global (tCO_2e)	Scope 1&2 South Africa (tCO_2e)	Scope 1 & 2 Global (tCO_2e)	Scope 3 Global (tCO_2e)	Number of Scope 3 Categories Reported	Verification/ Assurance Status	Targets Reported
Acucap	Financials	Real Estate Investment Trusts	DP	/	/	/										
AECI Ltd Ord	Materials	Chemicals	97 C	91 B	87 B	77 D	366,343	376,226	203,965	230,465	570,308	606,691	12,074	3	VAA S1 S2	Abs
African Rainbow Minerals	Materials	Metals & Mining	98 B	93 B	96 B	77 C	300,850	307,332	921,182	921,325	1,222,032	1,228,657	39,214,845	10	VAA S1 S2	Abs
Alexander Forbes Equity Holdings Proprietary	Financials	Diversified Financial Services	DP	/	/	/										
Anglo American	Materials	Metals & Mining	96 B	95 B	96 A	94 A	2,075,759	7,976,768	6,508,519	9,294,022	8,584,278	17,270,790	316,411,991	12	VAA S1 S2	Abs
Anglo American Platinum	Materials	Metals & Mining	100 A -	99 A	99 A-	96 B	539,333	546,000	4,755,068	4,817,000	5,294,401	5,363,000	1,322,596	9	VAA S1 S2 S3	Abs
AngloGold Ashanti	Materials	Metals & Mining	96 C	89 C	87 B	78 C	158,400	1,425,200	2,823,000	3,148,400	2,981,400	4,573,600	747,000	5	VAA S1 S2	Int
Arcelor Mittal South Africa Ltd	Materials	Metals & Mining	92 D	67 D	81 C	78 D	10,497,917	10,497,917	3,583,362	3,583,362	14,081,279	14,081,279	757,279	3		Int
Arrowhead Properties	Financials	Diversified REITs	NR	/	/	/										
Aspen Pharmacare Holdings	Health Care	Pharmaceuticals	96 C	89 C	87 C	72 D	5,000	10,917	89,839	114,615	94,839	125,532	5,623	3	VAA S1 S2	None
Assore Ltd	Materials	Metals & Mining	AQ (NP)	AQ (NP)	AQ (NP)	AQ (NP)										
Attacq Ltd	Financials	Real Estate Management & Development	NR	DP	/	/										
Avi Ltd	Consumer Staples	Food Products	DP	DP	DP	DP										
Barclays Africa	Financials	Banks	97 B	86 B	83 B	85 B	17,501	17,755	255,091	278,867	272,592	296,622	22,689	1	VAAS1 S3 VAR S2	Abs
Barloworld	Industrials	Trading Companies & Distributors	96 B	93 B	97 A	93 A	180,514	197,541	66,241	76,445	246,755	273,986	101,142	2	VAA S1 S2	Int
BHP Billiton	Materials	Metals & Mining	99 B	87 B	75 C	71 B	/	22,671,000	/	22,282,000	/	44,953,000	391,378,000	2	VAA S1 S2 S3	Abs
Bidvest Group Ltd	Industrials	Industrial Conglomerates	95 C	92 B	78 B	86 C	201,641	427,084	213,670	340,172	415,311	767,256	27,877	2	VAA S1 S2	Abs & Int
Brait SA	Financials	Capital Markets	DP	DP	DP	DP										
British American Tobacco	Consumer Staples	Tobacco	99 B	91 B	94 B	86 B	21,853	342,385	8,785	370,724	30,638	713,109	371,249	4	VAA S1 S2 S3	Int
Capital & Counties Properties	Financials	Real Estate Management & Development	94 B	87 B	AQ (NP)	/	1,998	1,998	9,107	9,107	11,105	11,105	63	1		Abs
Capital Property Fund	Financials	Real Estate Investment Trusts	NR	NR	NR	DP										
Capitec Bank Holdings Ltd	Financials	Banks	AQ (NP)	AQ (NP)	AQ (NP)	AQ (NP)										
Clicks Group Ltd	Consumer Staples	Food & Staples Retailing	99 B	95 B	94 B	92 B	2,285	2,285	95,484	98,150	97,769	100,435	20,348	3	VAA S1 S2 S3	Abs & Int
Compagnie Financière Richemont SA	Consumer Discretionary	Textiles, Apparel & Luxury Goods	93 D	75 C	79 B	AQ (NP)	/	19,992	/	65,541	/	85,533	116,855	2	VAA S1 S2 VAR S3	Int
Coronation Fund Managers Ltd	Financials	Capital Markets	NR	NR	NR	DP										
Datatec	Information Technology	Electronic Equipment, Instruments & Components	DP	DP	DP	DP										
Discovery Holdings Ltd	Financials	Insurance	95 C	95 C	95 B	86 C	1,047	1,047	33,553	33,553	34,600	34,600	17,816	5		Int
EOH Holdings	Information Technology	IT Services	NR	DP	/	/										
Exxaro Resources Ltd	Energy	Oil, Gas & Consumable Fuels	99 B	98 B	97 B	100 B	229,762	229,762	557,624	557,624	787,386	787,386	77,534,716	12	VAA S1 S2 S3	Int
Famous Brands Limited	Consumer Discretionary	Hotels, Restaurants & Leisure	DP	NR	NR	/										
Firstrand Limited	Financials	Diversified Financial Services	99 A -	99 A	96 A	97 A	9,998	9,998	238,563	259,978	248,561	269,976	21,016	3	VAA S1 S2 S3	Abs
Fortress Income Fund	Financials	Real Estate Investment Trusts	DP	/	/	/										
Foschini Group Ltd	Consumer Discretionary	Specialty Retail	AQ (NP)	AQ (NP)	AQ (NP)	AQ (NP)										
Gold Fields Limited	Materials	Metals & Mining	100 A -	96 B	100 A-	99 A	6,987	464,193	491,472	794,174	498,459	1,258,367	435,676	10	VAA S1 S2 S3	Abs
Grindrod Ltd	Industrials	Marine	96 C	56 D	84 C	88 B	89,851	413,074	14,678	18,592	104,529	431,666	12,299	3	VAA S1 S2	Abs
Growthpoint Properties	Financials	Real Estate Investment Trusts	95 C	90 B	93 A	95 B	40	40	1,950	1,950	1,990	1,990	634,321	6	VAR S1 S2 S3	Abs
Hosken Consolidated Investments	Industrials	Industrial Conglomerates	91 D	64 D	63 D	77 C	112,474	114,245	284,465	288,368	396,939	402,613	187,539	6		None
Hyprop Investments Ltd	Financials	Real Estate Investment Trusts	90 C	AQ (NP)	DP	DP	6,571	6,571	35,738	35,738	42,309	42,309	250,370	1	VAR S1 S2 S3	Abs
Illovo Sugar Ltd	Consumer Staples	Food Products	97 C	74 C	69 C	70 D	176,228	377,795	53,443	120,029	229,671	497,824	60,314	1	VAA S1 S2 S3	Abs & Int
Impala Platinum Holdings	Materials	Metals & Mining	96 C	89 B	91 B	91 B	340,788	369,865	2,176,459	2,544,209	2,517,247	2,914,074	50,994	4	VAA S1 S2	Abs
Imperial Holdings	Consumer Discretionary	Distributors	88 C	86 C	82 C	80 D	/	846,104	/	211,787	/	1,057,891	17,092	3		None
Intu Properties plc	Financials	Real Estate Investment Trusts	90 C	82 C	74 B	/	4,808	4,808	33,115	33,115	37,923	37,923	/	0	VAA S1 S2	Abs
Investec Limited	Financials	Capital Markets	99 A	91 B	99 A	90 C	1,379	1,986	29,256	36,548	30,635	38,534	31,305	4	VAA S1 S2 S3	Abs
Investec plc	Financials	Capital Markets	AQ (SA)	AQ (SA)	AQ (SA)	/										

Company	Sector	Sub-Sector	2015 Score	2014 Score	2013 Score	2012 Score	Scope 1 South Africa (tCO_2e)	Scope 1 Global (tCO_2e)	Scope 2 South Africa (tCO_2e)	Scope 2 Global (tCO_2e)	Scope 1&2 South Africa (tCO_2e)	Scope 1 & 2 Global (tCO_2e)	Scope 3 Global (tCO_2e)	Number of Scope 3 Categories Reported	Verification/ Assurance Status	Targets Reported
JSE Ltd	Financials	Diversified Financial Services	88 E	/	/	/	27	27	8,767	8,767	8,794	8,794	887	1		None
KAP Industrial Holdings Ltd	Industrials	Industrial Conglomerates	90 D	/	/	/	450,286	450,286	247,057	247,057	697,344	697,344	/	0		None
Kumba Iron Ore	Materials	Metals & Mining	100 A	95 B	98 B	88 C	669,441	669,441	544,942	544,942	1,214,383	1,214,383	117,515,812	10	VAA S1 S2 S3	Abs
Liberty Holdings Ltd (incorporating Liberty Life Group Ltd)	Financials	Insurance	68 E	AQ (NP)	62 D	76 D	2,511	2,511	40,224	40,224	42,735	42,735	6,208	2	VAA S1 S2	None
Life Healthcare Group Holdings Ltd	Health Care	Health Care Providers & Services	87 D	60 C	56 E	DP	6,947	6,947	151,876	151,876	158,823	158,823	1,829	1		Int
Lonmin	Materials	Metals & Mining	99 B	96 B	88 B	78 B	59,567	59,567	1,142,916	1,142,916	1,202,483	1,202,483	83,351	8	VAA S1 S2 S3	Int
Massmart Holdings Ltd	Consumer Staples	Food & Staples Retailing	95 C	85 C	87 B	79 C	63,642	65,448	436,880	440,889	500,521	506,337	75,690	6	VAA S1 S2	Abs & Int
Mediclinic International	Health Care	Health Care Providers & Services	100 A -	99 A	99 B	97 B	22,999	22,999	154,035	154,035	177,033	177,033	33,382	6	VAA S1 S2 S3	Int
MMI Holdings Ltd	Financials	Insurance	98 C	84 D	75 D	78 D	761	1,150	57,245	58,652	58,006	59,802	17,911	3	VAA S1 S2 S3	None
Mondi Limited	Materials	Paper & Forest Products	AQ (SA)	AQ (SA)	AQ (SA)	AQ (SA)										
Mondi PLC	Materials	Paper & Forest Products	99 B	96 B	75 D	78 D	950,355	4,401,720	404,898	927,692	1,355,253	5,329,412	2,682,543	7	VAA S1 S2	Abs & Int
Mr Price Group Ltd	Consumer Discretionary	Specialty Retail	DP	DP	DP	DP										
MTN Group	Telecommunication Services	Wireless Telecommunication Services	93 C	84 C	76 D	69 C	18,262	793,098	362,893	595,177	381,155	1,388,275	143,252	2	VAA S1 S2	None
Nampak Ltd	Materials	Containers & Packaging	99 B	99 A-	97 A	95 B	131,496	159,489	575,663	619,785	707,159	779,274	12,382	3	VAA S1 S2 S3	Int
Naspers	Consumer Discretionary	Media	34 No band	NR	AQ (NP)	DP	/	/	/	/	/	/	/	0		None
Nedbank Limited	Financials	Banks	98 A	99 A-	100 B	92 B	380	380	147,474	155,508	147,853	155,888	57,246	3	VAA S1 S2 S3	Abs & Int
Netcare Limited	Health Care	Health Care Providers & Services	98 C	82 B	84 B	84 B	43,099	43,099	241,517	241,517	284,616	284,616	34,939	5	VAA S1 S2 S3	Abs & Int
New Europe Property Investment	Financials	Real Estate Operating Companies	DP	/	/	/										
Northam Platinum Ltd	Materials	Metals & Mining	95 D	80 C	89 B	81 D	28,363	28,363	691,628	691,628	719,991	719,991	580	1	VAA S1	None
Oceana	Consumer Staples	Food Products	98 B	97 B	95 B	95 B	101,437	161,781	64,018	72,376	165,455	234,157	26,009	4	VAA S1 S2 S3	Int
Old Mutual Group	Financials	Insurance	97 B	98 B	91 B	85 B	7,895	11,544	515,592	536,600	523,487	548,144	35,344,894	5	VAR S1 S2 VAA S3	Int
OMNIA HOLDINGS LTD	Materials	Chemicals	93 C	DP	NR	DP	25,196	25,196	78,992	78,992	104,188	104,188	2,745,942	8		Abs
Pick 'n Pay Stores Ltd	Consumer Staples	Food & Staples Retailing	99 B	98 A	95 A	96 B	76,374	76,374	676,336	676,336	752,710	752,710	5,246,522	4	VAA S1 S2 S3	Abs & Int
Pioneer Foods	Consumer Staples	Food Products	95 C	82 D	AQ (NP)	AQ (NP)	116,715	116,715	263,824	263,824	380,539	380,539	/	0	VAA S1 S2	Int
PPC Ltd	Materials	Construction Materials	82 B	90 B	77 C	82 D	3,919,898	3,919,898	558,514	558,514	4,478,412	4,478,412	/	0	VAA S1 VAR S2	Int
PSG Group	Financials	Other Diversified Financial Services	DP	NR	/	DP										
RCL Foods Ltd	Consumer Staples	Food Products	99 B	95 B	/	/	397,453	397,453	539,577	539,577	937,030	937,030	65,187	3	VAA S1 S2 S3	Abs
Redefine International Plc	Financials	Real Estate Investment Trusts	AQ (SA)	AQ (SA)	/	/										
Redefine Properties Ltd	Financials	Real Estate Investment Trusts	99 B	90 A	87 D	DP	294	294	32,068	32,068	32,362	32,362	496,051	4	VAA S1 S2 S3	Int
Reinet Investments	Financials	Capital Markets	DP	NR	DP	DP										
Remgro	Financials	Diversified Financial Services	99 A -	100 B	99 A	97 B	474,796	474,796	499,120	499,120	973,916	973,916	52,315	3	VAA S1 S2 S3	Abs
Resilient Prop Inc	Financials	Real Estate Investment Trusts	NR	NR	NR	DP										
Reunert	Industrials	Industrial Conglomerates	92 D	73 C	75 D	83 D	7,599	7,599	49,530	51,337	57,129	58,936	88,075	3		None
Rmb Holdings Ltd	Financials	Diversified Financial Services	AQ (SA)	AQ (SA)	AQ (SA)	AQ (SA)										
RMI HOLDINGS	Financials	Insurance	DP	DP	DP	DP										
SABMiller	Consumer Staples	Beverages	99 A	85 A	74 B	68 C	196,278	883,022	206,282	802,445	402,560	1,685,467	5,133,608	9	VAA S1 S2	Int
Sanlam	Financials	Insurance	98 B	94 A	96 B	97 B	115	115	39,584	39,584	39,699	39,699	13,311	5	VAA S1 S2	Int
Santam Ltd	Financials	Insurance	95 D	71 C	82 C	90 B	23	23	6,533	6,533	6,556	6,556	9,510	5	VAA S2 VAR S2	Int
Sappi	Materials	Paper & Forest Products	99 C	91 C	78 C	88 C	/	3,843,342	/	1,360,595	/	5,203,937	30,145	2	VAA S1 S2	Abs & Int
Sasol Limited	Energy	Oil, Gas & Consumable Fuels	99 B	95 A-	96 B	81 C	57,840,964	61,774,240	8,258,004	8,727,000	66,098,968	70,501,240	26,609,587	8	VAA S1 S2 S3	Abs & Int
Shoprite Holdings Ltd	Consumer Staples	Food & Staples Retailing	AQ (NP)	AQ (NP)	AQ (NP)	AQ (NP)										
Sibanye Gold Ltd	Materials	Metals & Mining	99 A -	97 B	/	/	770,096	770,096	4,404,562	4,404,562	5,174,658	5,174,658	863,009	13	VAA S1 S2	Abs
Standard Bank Group	Financials	Banks	96 B	80 A	71 C	74 D	15,385	15,385	283,314	283,314	298,699	298,699	21,085	2	VAA S1 S2 VAR S3	Abs
Steinhoff International Holdings	Consumer Discretionary	Household Durables	92 C	84 C	86 C	82 D	34,955	97,527	222,282	332,876	257,238	430,403	/	0		Int
Sun International Ltd	Consumer Discretionary	Hotels, Restaurants & Leisure	95 C	90 B	58 D	AQ (NP)	13,945	34,385	245,682	272,416	259,627	306,801	23,311	4	VAA S1 S2	None
Super Group	Consumer Discretionary	Specialty Retail	DP	/	/	/										
Telkom SA Limited	Telecommunication Services	Diversified Telecommunication Services	87 D	89 B	75 C	79 C	41,883	41,883	684,339	684,339	726,222	726,222	38,698	4	VAR S1 S2 S3	None
The Spar Group Ltd	Consumer Staples	Food & Staples Retailing	95 B	DP	73 D	85 D	37,644	37,644	41,113	41,113	78,757	78,757	405,584	8		Abs
Tiger Brands	Consumer Staples	Food Products	96 C	96 B	68 C	AQ (NP)	230,831	241,403	313,366	315,558	544,197	556,961	7,347	3	VAA S1 S2 S3	Int
Tongaat Hulett Ltd	Consumer Staples	Food Products	97 B	83 B	76 C	79 B	722,843	800,231	246,262	288,459	969,105	1,088,690	19,102	2	VAA S1 S3 VAR S2	Abs
Trencor	Industrials	Marine	DP	DP	DP	/										
Truworths International	Consumer Discretionary	Specialty Retail	94 D	91 D	81 D	73 D	505	505	72,801	72,801	73,307	73,307	14,075	4		None
Tsogo Sun Holdings Ltd	Consumer Discretionary	Hotels, Restaurants & Leisure	AQ (SA)	NR	/	/										
Vodacom Group	Telecommunication Services	Wireless Telecommunication Services	99 B	96 B	94 B	88 B	12,665	31,989	411,744	440,078	424,409	472,068	32,307	6	VAR S1 VAA S2 S3	Int
Woolworths Holdings Ltd	Consumer Discretionary	Multiline Retail	98 B	94 B	77 B	94 A	/	24,000	334,027	436,867	334,027	460,867	119,980	6	VAA S1 S2 S3	Int
Zeder Investments	Financials	Asset Management & Custody Banks	NR	/	/	/										

Performance must become the primary focus for South African companies

Once again there is a globally competitive response rate and disclosure scores have reached such high levels of excellence that they are starting to lose meaning

The South African response rate in 2015 is 79% (1% down from 2014 and 4% down from the peak response rate of 83% in 2013). It is however consistent with a broader pattern of a response rate around 80% since 2011. This plateau is driven in part by the change in companies each year as new companies enter the JSE top 100. Declining companies who are new to the sample prefer to understand CDP requirements and implement internal systems before disclosing to CDP. There is however a steady group of 13 companies who decline to respond each year.

The median disclosure score is 96, up from 90 in 2014. This means that 50% of the sample is scoring above 96 out of 100 in disclosure. This amazing performance by South African companies has rendered the CDLI in South Africa meaningless. A company can score a world class 98 and not be listed on the CDLI. In 2015 a record four companies scored 100 points and 18 companies scored 99. This means that the CDLI in South Africa would contain 22 companies, nearly a quarter of the sample. Only 3% of respondents scored less than 70. It is for this reason that the NBI will no longer report the CDLI in South Africa. Disclosure data is still provided in the master table.

Seventeen companies outside of the JSE 100 sample responded to CDP (up from 15 in 2014).

Performance indicators show little change but encouragingly companies show emission reductions

This year, five companies were listed on the CDP's Climate A List, down from nine in 2014 and the median performance band is a C, down from B in 2014. However, this reflects changes in the scoring methodology, rather than a decline in performance. The A List, for the first time, includes a company from outside the JSE 100 sample, Harmony Gold, as respondents outside the JSE 100 sample were scored this year.

The same number of companies integrate climate change into their business strategy as last year (70) and one less company has reduction targets (55). More companies (49 vs. 43) have achieved emission reductions due to emission reduction activities (ERAs) and slightly more companies (29 vs. 27) achieved reductions greater than 3%.

Climate change performance must become the primary focus for South African companies. If South Africa is to become a globally competitive nation and is to contribute to global efforts to reduce emissions, companies need to drive annual emissions improvements.

South African companies outside the JSE 100 sample that responded to CDP

Organisation	GICS Sector	GICS Industry	2015 response and score	2014 response*
Allied Electronics Corporation Ltd (Altron)	Industrials	Industrial Conglomerates	97 C	Self selected respondent
Aveng Ltd	Industrials	Construction & Engineering	92 C	/
Basil Read	Industrials	Construction & Engineering	91 C	Self selected respondent
Distell Group Ltd	Consumer Staples	Beverages	99 B	Self selected respondent
Emira Property Fund	Financials	Real Estate Investment Trusts (REITs)	98 C	Self selected respondent
Eskom	Utilities	Electric Utilities	91 D	Self selected respondent
Group Five Ltd	Industrials	Construction & Engineering	99 B	Self selected respondent
Harmony Gold Mining Co Ltd	Materials	Metals & Mining	100 A	100 A
Hulamin	Materials	Metals & Mining	54 E	Self selected respondent
KPMG South Africa	Financials	Diversified Financial Services	87 D	Self selected respondent
Murray & Roberts Holdings Limited	Industrials	Construction & Engineering	94C	85 D
National Business Initiative (NBI)	Industrials	Professional Services	94 B	Self selected respondent
Raubex Group Limited	Industrials	Construction & Engineering	82 E	Self selected respondent
Royal Bafokeng Platinum Ltd	Materials	Metals & Mining	96 B	87 C
Scaw South Africa (pty) Ltd	Materials	Metals & Mining	55 E	/
Transnet	Industrials	Air Freight & Logistics	99 B	Self selected respondent
Wilson Bayly Holmes-Ovcon Ltd	Industrials	Construction & Engineering	93 D	88 D

* prior to 2015 self-selected companies were not scored. 2014 companies with scores were part of the JSE 100 sample.

Top performers in the Climate A List

Company Name	Sector	2015 Performance	2014 Performance	2013 Performance	2012 Performance
Investec Limited	Financials	A	B	A-	C
Kumba Iron Ore	Materials	A	B	B	C
Nedbank	Financials	A	A-	B	B
SABMiller	Consumer Staples	A	A	B	C
Harmony Gold Mining Co Ltd	Materials	A	A	A	B

The ten largest public emitters in 2015, emitting

85%

(177 Mt CO_2e) of the JSE 100 total scope 1 and scope 2 emissions are: Sasol Limited, BHP Billiton, Anglo American, Arcelor Mittal South Africa Ltd, Anglo American Platinum, Mondi PLC, Sappi, Sibanye Gold Ltd, AngloGold Ashanti, PPC Ltd. Eskom's reported emissions are 223 Mt CO_2e.

While there has been a general incremental improvement across most questions, only 27 companies remunerate board or executive levels for climate change related issues and only 19 companies take this to the level of remuneration for emission reduction projects or emission reduction targets. Given that remuneration is a key incentive driving performance, perhaps this is an area for improvement.

Nevertheless the South African sample reported a total sample emissions reduction of 2% for 2015 (as compared to 2014). A like for like comparison (companies who specifically disclosed South African data in 2014 and 2015) shows an encouraging 2.3% year on year reduction (3 Mt CO_2e).

Company consideration of climate risk once again showed carbon pricing to be dominant

A total of 97% of respondents see climate risk as highly likely to impact their business, with 59% of physical risks seen to materialise within six years versus 51% in 2014. Once again climate risk is seen to be more immediate and more severe than previous years, although the change in severity is slight (1%).

The carbon tax is the number one risk, cited by 69 companies within the sample, representing 13% of all risks identified. 85% of companies identified the carbon tax as being virtually certain or highly likely to be implemented. 91% of companies identified the carbon tax as impacting them within the next three years (up from 84% in 2014).

Companies responding to the CDP are starting to manage the risk of a local and global carbon price. 26% of respondents use an internal price on carbon and a further 15% anticipate doing so within the next two years. The NBI believes that this rate of progress needs to be accelerated.

Concurrently there are more South African companies recognising increased numbers of immediate opportunities within climate change. 81% of opportunities are seen to materialise within six years versus 65% in 2014.

South African companies continue to pay too little attention to climate risk outside their direct operations

72 companies see impacts directly in their operations and only 13 see impacts in their supply chain or with their clients. There has been a slight increase in the number of companies reporting their scope 3 emissions, except in one category (other upstream) where the number of companies fell from 11 to 5. 34 companies verified their scope 3 data (46%), a small improvement on the 43% in 2014. As in 2014, the same number of companies (54) are engaging with suppliers, customers and/or other value chain partners on GHG emissions.

Targets drive activity and South African companies need to complement the excellent progress made with longer term, more ambitious targets

Overall, 58 companies (the same as last year) reported that they have emission reduction targets. 23 (22 in 2014) companies have absolute targets, 25 (27) have intensity targets, 10 companies (9) have both absolute and intensity targets. Companies recorded 134 targets in total (128 in 2014), most are short term; 88 expiring before 2018 (66%), including two that expired in 2012 and 27 that expired in 2014. A further 38 (39) expire on or before 2021. Mondi and Sasol have targets to 2030, Bidvest and British American Tobacco (BAT) have targets to 2050.

Most companies recognise the importance of an international agreement at COP21, although they predict a weak agreement

62% of respondents' boards would support an international agreement to limit climate change to two degrees Celsius, whilst a further 30% offered no opinion. Only 20% of respondents see an international agreement posing a risk to their business (predicting little change to the status quo). Eight of the 15 companies thought the impact of the risk would be low-medium or lower. Conversely, nine respondents saw international agreements posing an opportunity to their future business.

Conclusion

The journey of companies responding to CDP in South Africa since 2007 is remarkable and responding companies have confirmed South Africa's reputation for transparency. We now collectively turn to the ongoing challenge of performance. To limit the impact of climate change, business needs to collaborate with all sectors of society to drive down emissions and plan for the probable impacts of climate change.